

ENGINEERED PRODUCTS AND INDOOR MAKE-UP AIR REPLACEMENT PARTS CATALOG

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“C” SERIES (MANUFACTURED PRIOR TO JAN 1995)

NOTE: The “C” series design parts are no longer available (units manufactured prior to January 1995 only).

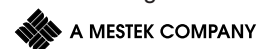
UNIT TYPE "MU" (MANUFACTURED PRIOR TO AUG 2008)

NOTE: Parts for the natural vent Indoor Make-Up Air unit type MU are no longer available.

IMPORTANT!
WHEN ORDERING PARTS,
PLEASE SPECIFY
UNIT SIZE, UNIT TYPE
AND SERIAL NO.



260 NORTH ELM ST. WESTFIELD, MA 01085
(413) 564-5540 • FAX: (413) 562-5311
www.sterlinghvac.com



IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question about the warranty, we can answer it at this point. Consultation with our Technical Service Dept. may be required to determine the correct replacement parts, and you will be given a call log number for reference.
- Fill out Sterling's Return Goods Authorization (RGA) Request Form, available on SalesAssistant.com. Submit the form to Sterling along with an order for the necessary parts. Be sure to include the call log number on both the form and the parts order.
- Once your order and completed RGA form are received, Sterling will enter the order and issue you an RGA, if applicable, with instructions on how and where to send the defective parts.
- An invoice will be generated and mailed. The invoice may list the call log number, RGA number and state "a RGA has been issued." Once the defective item has been returned and confirmed as "defective in warranty," a credit will be issued for the original invoice amount.

In order to ensure the orderly processing of your warranty claim, it is **MANDATORY** that certain paperwork accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to ensure proper handling of these goods, Sterling **MUST** formally authorize the return of material to our various facilities under any circumstance. Any material returned without authorization will not be accepted.

In order to ensure that your properly authorized returns are accepted at our plant, you **MUST** clearly mark any and all shipping papers with an RGA number; Sterling will not accept shipments that do not clearly show an RGA number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid.
Collect Shipments will not be accepted.**

CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY
REPLACEMENT PARTS NOT LISTED IN THIS PUBLICATION.
LIMITED AVAILABILITY ON CERTAIN OBSOLETE EQUIPMENT.

TEL. 413-564-5540

FAX# 413-562-5311

www.sterlinghvac.com

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.

Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.

Sterling Engineered Products Unit Number Description

<i>Digit</i>	E	X	X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	+
<i>Item</i>	Prefix			UT	CA	FT	FM	RA	CO	GT	GC	SV	MT	MS	AI	AC	AS				

(Internal use Only)

1, 2 - Unit Type [UT]

- RT - Natural Vent Rooftop
- PV - Power Vented Rooftop
- AH - Air Handler
- EV - Evaporative Cooler Only

3, 4 - Capacity [CA]

Single Furnace

- 10 - 100,000 BTU/HR
- 15 - 150,000 BTU/HR
- 20 - 200,000 BTU/HR
- 25 - 250,000 BTU/HR
- 30 - 300,000 BTU/HR
- 35 - 350,000 BTU/HR
- 40 - 400,000 BTU/HR

Double Furnace

- 50 - 500,000 BTU/HR
- 60 - 600,000 BTU/HR
- 70 - 700,000 BTU/HR
- 80 - 800,000 BTU/HR

Triple Furnace

- 12 - 1,200,000 BTU/HR

5 - Furnace Type [FT]

- A - Standard Temperature Rise (20-60 Deg. F), Right Side Access
- B - Standard Temperature Rise (20-60 Deg. F), Left Side Access
- *C - High Temperature Rise (60-90 Deg. F), Right Side Access
- *D - High Temperature Rise (60-90 Deg. F), Left Side Access
- 0 - None
- Z - Other

*Note: Unit Type [PV] not available in Capacity [30].

6 - Furnace Construction Material [FM]

- 1 - Aluminized Steel
- 2 - 409 Stainless Steel (First Furnace Only)
- 3 - 409 Stainless Steel (All Furnace Sections)
- 4 - 321 Stainless Steel (First Furnace Only)
- 5 - 321 Stainless Steel (All Furnace Sections)
- 6 - 409 Stainless Steel Package (First Furnace Only)
- 7 - 409 Stainless Steel Package (All Furnace Sections)
- 8 - 321 Stainless Steel Package (First Furnace Only)
- 9 - 321 Stainless Steel Package (All Furnace Sections)
- 0 - None
- Z - Other

7 - Rooftop Arrangement (B - L assumes furnace sections) [RA]

- | | |
|--|---|
| <ul style="list-style-type: none"> A - Duct Furnace B - Blower (Standard) C - Blower (Standard) / Plenum D - Blower (Standard) / Evap. E - Blower (Standard) / Evap. / Plenum G - Blower (High CFM) J - Blower (High CFM) / Plenum K - Blower (High CFM) / Cooling L - Blower (High CFM) / Cooling / Plenum | <ul style="list-style-type: none"> M - Air Handler (Standard) N - Air Handler (Standard) / Plenum P - Air Handler (Standard) / Evap. R - Air Handler (Standard) / Evap. / Plenum S - Air Handler (High CFM) T - Air Handler (High CFM) / Plenum U - Air Handler (High CFM) / Cooling W - Air Handler (High CFM) / Cooling / Plenum 0 - None Z - Other |
|--|---|

8 - Coil Options [CO]

- | | |
|--|--|
| <ul style="list-style-type: none"> A - DX Coil, 4 Row, Single Circuit B - DX Coil, 4 Row, Dual Circuit C - DX Coil, 6 Row, Single Circuit D - DX Coil, 6 Row, Dual Circuit | <ul style="list-style-type: none"> E - Chilled Water Coil, 4Row G - Chilled Water Coil, 6 Row 0 - None Z - Other (Special) |
|--|--|

9 - Gas Type [GT]

- 1 - Natural Gas
- 2 - LP Gas (Propane)
- 3 - Natural Gas w/100% Shutoff
- 0 - None

10 - Gas Control [GC]

- A - Single Stage Gas (Standard)
- B - Two Stage Gas
- H - Electronic Modulation w/Room Sensing
- J - Electronic Modulation w/Duct Sensing
- K - Electronic Modulation w/Duct Sensing & Ovrd. Stat
- L - Electronic Modulation w/External 4-20 mA Input (Furnace One)
- M - Electronic Modulation w/External 4-20 mA Input (All Furnaces)
- N - Electronic Modulation w/External 0-10 VDC Input (Furnace One)
- P - Electronic Modulation w/External 0-10 VDC Input (All Furnaces)
- R - Two Stage Remote Temperature Control w/Duct Sensor
- S - Three Stage Remote Temperature Control w/Duct Sensor
- T - Four Stage Remote Temperature Control w/Duct Sensor
- U - S-350 2 Stage Modular Electronic Control System
- W - S-350 3 Stage Modular Electronic Control System
- X - S-350 4 Stage Modular Electronic Control System
- Y - S-350 6 Stage Modular Electronic Control System
- 0 - None
- Z - Other

11 - Supply Voltage [SV]

- | | |
|--|---|
| <ul style="list-style-type: none"> 1 - 115/1/60 2 - 208/1/60 3 - 230/1/60 4 - 208/3/60 | <ul style="list-style-type: none"> 5 - 230/3/60 6 - 460/3/60 7 - 575/3/60 0 - None Z - Other |
|--|---|

12 - Motor Type [MT]

- 1 - Open Drip Proof (Standard)
- 2 - Totally Enclosed
- 3 - Premium Efficiency, Open Drip Proof
- 4 - Premium Efficiency, Totally Enclosed
- 0 - None
- Z - Other

13 - Motor Sizes [MS]

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> A - 1/2 HP. w/Contactor B - 3/4 HP. w/Contactor C - 1 HP. w/Contactor D - 1-1/2 HP. w/Contactor E - 2 HP. w/Contactor G - 3 HP. w/Contactor H - 5 HP. w/Contactor J - 1/2 HP. w/Mag. Starter K - 3/4 HP. w/Mag. Starter L - 1 HP. w/Mag. Starter | <ul style="list-style-type: none"> M - 1-1/2 HP. w/Mag. Starter N - 2 HP. w/Mag. Starter P - 3 HP. w/Mag. Starter R - 5 HP. w/Mag. Starter S - 7-1/2 HP. w/Mag. Starter T - 10 HP. w/Mag. Starter U - 15 HP. w/Mag. Starter 0 - None Z - Other | <ul style="list-style-type: none"> 1 - 1 HP. VFD 2 - 1-1/2 HP. VFD 3 - 2 HP. VFD 4 - 3 HP. VFD 5 - 5 HP. VFD 6 - 7-1/2 HP. VFD 7 - 10 HP. VFD 8 - 15 HP. VFD |
|---|---|--|

14 - Air Inlet Configuration [AI]

- | | |
|---|--|
| <ul style="list-style-type: none"> 1 - Outside Air (OA) 2 - Outside Air w/Air Hood 3 - Return Air (RA) | <ul style="list-style-type: none"> 4 - Outside Air and Return Air (OA/RA) 5 - Outside and Return Air w/Air Hood 0 - None Z - Other |
|---|--|

15 - Air Control & Damper Arrangement [AC]

- A - Outside Air 2 Pos. Motor / Spring Return
 - B - Return Air 2 Pos. Motor / Spring Return
 - C - OA/RA 2 Pos. / Spring Return
 - E - OA/RA Mod. Mtr. w/Mixed Air Control / Min. Pot. / SR
 - H - OA/RA Mod. Mtr. w/Mixed Air Control / SR
 - K - OA/RA Mod. Mtr. w/Min. Pot. / SR
 - M - OA/RA Mod. Mtr. w/Dry Bulb / Mixed Air Control / Min. Pot. /SR
 - N - OA/RA Mod. Mtr. w/Enthalpy Controlled Economizer / SR
 - P - OA/RA Mod. Mtr. w/Pressure Control (Space Pressure)
 - Q - OA/RA Mod. Mtr. w/Carbon Dioxide (CO₂) R/A Monitor
 - R - OA/RA Mod. Mtr. w/S-350-P Proportional Mixed Air Control / SR
 - T - OA/RA Mod. Mtr. w/0-10 VDC & 4-20 mA Analog Input / SR (External Input)
 - U - ASHRAE Cycle I (OA/RA 2 Pos. Mtr. w/Warm-up Stat / SR)
 - W - ASHRAE Cycle II (OA/RA Mod. Mtr. w/Warm-up Stat / Mixed Air / Min. Pot. / SR)
 - X - ASHRAE Cycle III (OA/RA Mod. Mtr. w/Warm-up Stat / Mixed Air / SR)
 - Y - Manual Dampers
 - 0 - None
 - Z - Other
- MOD = Modulating Damper Motor
 OA = Outside Air RA = Return Air SR = Spring Return

16 - Accessories [AS]

- | | |
|--|---|
| <ul style="list-style-type: none"> A1 - Moisture Eliminators A2 - Horizontal Return A3 - Low Leak Damper A5 - Furnace Drip Pan, 409 Stainless A6 - High Altitude Unit A7 - High Pressure Regulator <ul style="list-style-type: none"> A7-1/2-1 - Regulator for 0.5-10 PSI A7-3/8-1 - Regulator for 10-20 PSI A7-5/16-1 - Regulator for 20-35 PSI A8 - Unit De-rate B1 - Filters - 1" WA (Standard) B2 - Filters - 2" WA B3 - Filters - 2" TA B4 - Filters - 1" 30% B5 - Filters - 2" 30% C1 - Evap. Cooler - Fill & Drain Kit † C2 - Evap. Cooler - 12" CELdek® Media C3 - Evap. Cooler - Freezestat w/o Time Delay C4 - Evap. Cooler - 8" GLASdek® Media C5 - Evap. Cooler - 12" GLASdek® Media D1 - Time Clock - 7 Day † D2 - Time Clock - 24 Hour † D6 - Pre-Purge Delay, 60 s. (PV Only) E1 - Clogged Filter Switch E2 - G.F.I. Convenience Outlet 115VAC † E3 - Remote Control Panel † E4 - Manual Blower Switch F1 - Ductstat - One Stage † F2 - Ductstat - Two Stage † F4 - Exterior Jacket Paint G1 - Thermostat - 1-Stage (Round) † G2 - Thermostat - 1-Stage (Round) w/Guard † G3 - Thermostat - 1-Stage w/Fan Switch † G4 - Thermostat - 7 Day Programmable † G5 - Thermostat - 2-Stage w/Fan Switch † G6 - Locking Thermostat Cover † | <ul style="list-style-type: none"> H1 - Return Firestat H2 - Supply Firestat † H3 - Freezestat w/Time Delay H4 - Ambient Lockout - First Furnace H6 - Ambient Lockout - Dual Furnace H7 - Ambient Lockout - Triple Furnace J1 - Interlock Relay - 24V Coil DPDT 10A, Plug-in J2 - Interlock Relay - 24/115V Coi l SPDT 10A J3 - Interlock Relay - 24/115/230V Coi l DPDT 10A J4 - Interlock Relay - 24V Coil 4PDT 10A K1 - Manual Reset High Limit Switch K2 - High / Low Gas Pressure Limit Switches K3 - Status Lamp (Elec. Cabinet) K4 - Fan Time Delay (Arrangement "A" Only) K5 - Air Flow Prove Switch (Dwyer 1910-0) † L1 - 30 Amp, Fused Disconnect Switch † L2 - 30 Amp, Non Fused Disconnect Switch † L3 - 60 Amp, Fused Disconnect Switch † L4 - 60 Amp, Non Fused Disconnect Switch † N2 - Through the Base Utility Penetrations N3 - Service Convenience Package N6 - Double Wall Construction N7 - Vent Cap Extension (Unit Type RT only) R1 - Field Installed VFD † R2 - Factory Installed VFD R3 - VFD Remote Keypad for use w/R1 † R4 - CO₂ Sensor - 100% OA † R5 - CO₂ Sensor - Mixed Air † R6 - Pressure Sensor † R7 - 2-Speed VFD Relays R8 - 3-Speed VFD Relays R9 - VFD Enclosure for use with R2 0 - None Z1 - Other (Specify) |
|--|---|
- † = Field Installed

Note: All thermostats are Mercury free.

Sterling Indoor Make-Up Air Model Number Description

Digit	M	X	X	—	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	+	
Item	Prefix				UT	CA			FT	FM	IA	CO	GT	GC	SV	MT	MS	AI	AC	AS			
	<small>(Internal use Only)</small>																						

1, 2 - Unit Type [UT]

ME - Power Vented Indoor Make-up Air Unit
MS - Separated Combustion Indoor Make-up Air Unit

3, 4 - Capacity [CA]

Single Furnace	Double Furnace
10 - 100,000 BTU/HR	50 - 500,000 BTU/HR
15 - 150,000 BTU/HR	60 - 600,000 BTU/HR
20 - 200,000 BTU/HR	70 - 700,000 BTU/HR
25 - 250,000 BTU/HR	80 - 800,000 BTU/HR
30 - 300,000 BTU/HR	
35 - 350,000 BTU/HR	Triple Furnace
40 - 400,000 BTU/HR	12 - 1,200,000 BTU/HR

5 - Furnace Type [FT]

A - Standard Temperature Rise (ME 30-80 °F, MS 20-60 °F), Right Side Access
B - Standard Temperature Rise (ME 30-80 °F, MS 20-60 °F), Left Side Access
C - High Temperature Rise (MS 60-90 °F), Right Side Access
D - High Temperature Rise (MS 60-90 °F), Left Side Access
0 - None
Z - Other

6 - Furnace Construction Material [FM]

1 - Aluminized Steel
2 - 409 Stainless Steel (First Furnace Only)
3 - 409 Stainless Steel (All Furnace Sections)
4 - 321 Stainless Steel (First Furnace Only)
5 - 321 Stainless Steel (All Furnace Sections)
6 - 409 Stainless Steel Package (First Furnace Only)
7 - 409 Stainless Steel Package (All Furnace Sections)
8 - 321 Stainless Steel Package (First Furnace Only)
9 - 321 Stainless Steel Package (All Furnace Sections)
0 - None
Z - Other

7 - Indoor Arrangement (includes furnace section(s) [IA])

A - Duct Furnace (50/12 [CA] only)	K - Blower (High CFM) / Cooling
B - Blower (Standard)	0 - None
D - Blower (Standard) / Evap.	Z - Other
G - Blower (High CFM)	

8 - Coil Options [CO]

A - DX Coil, 4 Row Single Circuit	E - Chilled Water Coil, 4 Row
B - DX Coil, 4 Row Dual Circuit	G - Chilled Water Coil, 6 Row
C - DX Coil, 6 Row Single Circuit	0 - None
D - DX Coil, 6 Row Dual Circuit	Z - Other (Special)

9 - Gas Type [GT]

1 - Natural Gas
2 - LP Gas (Propane)
3 - Natural Gas w/100% Shutoff
0 - None

10 - Gas Control [GC]

A - Single Stage Gas (Standard)
B - Two Stage Gas
H - Electronic Modulation w/Room Sensing
J - Electronic Modulation w/Duct Sensing
K - Electronic Modulation w/Duct Sensing & Ovrd. Stat
L - Electronic Modulation w/External 4-20 mA Input (Furnace One)
M - Electronic Modulation w/External 4-20 mA Input (All Furnaces)
N - Electronic Modulation w/External 0-10 VDC Input (Furnace One)
P - Electronic Modulation w/External 0-10 VDC Input (All Furnaces)
R - Two Stage Remote Temperature Control w/Duct Sensor
S - Three Stage Remote Temperature Control w/Duct Sensor
T - Four Stage Remote Temperature Control w/Duct Sensor
U - S-350 2 Stage Modular Electronic Control System
W - S-350 3 Stage Modular Electronic Control System
X - S-350 4 Stage Modular Electronic Control System
Y - S-350 6 Stage Modular Electronic Control System
0 - None
Z - Other

11 - Supply Voltage [SV]

1 - 115/1/60	5 - 230/3/60
2 - 208/1/60	6 - 460/3/60
3 - 230/1/60	7 - 575/3/60
4 - 208/3/60	0 - None
	Z - Other

12 - Motor Type [MT]

1 - Open Drip Proof (Standard)
2 - Totally Enclosed
3 - Premium Efficiency, Open Drip Proof
4 - Premium Efficiency, Totally Enclosed
0 - None
Z - Other

13 - Motor Sizes [MS]

A - 1/2 HP. w/Contactor	M - 1-1/2 HP. w/Mag. Starter	1 - 1 HP. VFD
B - 3/4 HP. w/Contactor	N - 2 HP. w/Mag. Starter	2 - 1-1/2 HP. VFD
C - 1 HP. w/Contactor	P - 3 HP. w/Mag. Starter	3 - 2 HP. VFD
D - 1-1/2 HP. w/Contactor	R - 5 HP. w/Mag. Starter	4 - 3 HP. VFD
E - 2 HP. w/Contactor	S - 7-1/2 HP. w/Mag. Starter	5 - 5 HP. VFD
G - 3 HP. w/Contactor	T - 10 HP. w/Mag. Starter	6 - 7-1/2 HP. VFD
H - 5 HP. w/Contactor	U - 15 HP. w/Mag. Starter	7 - 10 HP. VFD
J - 1/2 HP. w/Mag. Starter	0 - None	8 - 15 HP. VFD
K - 3/4 HP. w/Mag. Starter	Z - Other	
L - 1 HP. w/Mag. Starter		

14 - Air Inlet Configuration [AI]

1 - Outside Air (OA)
2 - Outside Air w/Air Hood*
3 - Return Air (RA)
4 - Outside Air and Return Air (OA/RA)
5 - Outside and Return Air w/Air Hood*
0 - None
Z - Other

*Hood shipped separately.

15 - Air Control & Damper Arrangement [AC]

A - Outside Air 2 Pos. Motor / Spring Return
B - Return Air 2 Pos. Motor / Spring Return
C - OA/RA 2 Pos. / Spring Return
E - OA/RA Mod. Mtr. w/Mixed Air Control / Min. Pot. / SR
H - OA/RA Mod. Mtr. w/Mixed Air Control / SR
K - OA/RA Mod. Mtr. w/Min. Pot. / SR
M - OA/RA Mod. Mtr. w/Dry Bulb / Mixed Air Control / Min. Pot. / SR
N - OA/RA Mod. Mtr. w/Enthalpy Controlled Economizer / SR
P - OA/RA Mod. Mtr. w/Pressure Control (Space Pressure)
Q - OA/RA Mod. Mtr. w/Carbon Dioxide (CO₂) R/A Monitor
R - OA/RA Mod. Mtr. w/S-350-P Proportional Mixed Air Control / SR
T - OA/RA Mod. Mtr. w/0-10 VDC & 4-20 mA Analog Input / SR (External Input)
U - ASHRAE Cycle I (OA/RA 2 Pos. Mtr. w/Warm-up Stat / SR)
W - ASHRAE Cycle II (OA/RA Mod. Mtr. w/Warm-up Stat / Mixed Air / Min. Pot. / SR)
X - ASHRAE Cycle III (OA/RA Mod. Mtr. w/Warm-up Stat / Mixed Air / SR)
Y - Manual Dampers
0 - None
Z - Other

*MOD = Modulating Damper Motor
 OA = Outside Air RA = Return Air SR = Spring Return*

16 - Accessories [AS]

A1 - Moisture Eliminators
A2 - Horizontal Return
A3 - Low Leak Damper
A5 - Furnace Drip Pan, 409 Stainless (ME only)
A6 - High Altitude Unit
A7 - High Pressure Regulator
A7-1/2-1 - Regulator for 0.5-10 PSI
A7-3/8-1 - Regulator for 10-20 PSI
A7-5/16-1 - Regulator for 20-35 PSI
A8 - Unit Derate
B1 - Filters - 1" WA (Standard)
B2 - Filters - 2" WA
B3 - Filters - 2" TA
B4 - Filters - 1" 30%
B5 - Filters - 2" 30%
C1 - Evap. Cooler - Fill & Drain Kit †
C2 - Evap. Cooler - 12" CELdek® Media
C3 - Evap. Cooler - Freezestat w/0 Time Delay
C4 - Evap. Cooler - 8" GLASdek® Media
C5 - Evap. Cooler - 12" GLASdek® Media
D1 - Time Clock - 7 Day †
D2 - Time Clock - 24 Hour †
D6 - Pre-Purge Delay, 60 s. (ME Only)
E1 - Clogged Filter Switch
E2 - G.F.I. Convenience Outlet 115VAC †
E3 - Remote Control Panel †
E4 - Manual Blower Switch
F1 - Ductstat - One Stage †
F2 - Ductstat - Two Stage †
F4 - Exterior Jacket Paint
G1 - Thermostat - 1-Stage (Round) †
G2 - Thermostat - 1-Stage (Round) w/Guard †
G3 - Thermostat - 1-Stage w/Fan Switch †
G4 - Thermostat - 7 Day Programmable †
G5 - Thermostat - 2-Stage w/Fan Switch †
G6 - Locking Thermostat Cover †
H1 - Return Firestat
H2 - Supply Firestat †
H3 - Freezestat w/Time Delay
H4 - Ambient Lockout - First Furnace
H6 - Ambient Lockout - Dual Furnace
H7 - Ambient Lockout - Triple Furnace
J1 - Interlock Relay - 24V Coil DPDT 10A, Plug-in
J2 - Interlock Relay - 24/115V Coil 1 SPDT 10A
J3 - Interlock Relay - 24/115/230V Coil DPDT 10A
J4 - Interlock Relay - 24V Coil 4PDT 10A
K1 - Manual Reset High Limit Switch †
K2 - High / Low Gas Pressure Limit Switches
K3 - Status Lamp (Elec. Cabinet)
K4 - Fan Time Delay (Arrangement "A" Only)
K5 - Air Flow Prove Switch (Dwyer 1910-0)
L1 - 30 Amp, Fused Disconnect Switch †
L2 - 30 Amp, Non Fused Disconnect Switch †
L3 - 60 Amp, Fused Disconnect Switch †
L4 - 60 Amp, Non Fused Disconnect Switch †
M2 - Vent Caps †
M3 - Adapter(s) (4-5 inches) †
M4 - Vertical Concentric Vent Kit (MS only) †
M5 - Horizontal Concentric Vent Kit (MS only) †
N5 - Service Convenience Package
N6 - Double Wall Construction
R1 - Field Installed VFD †
R2 - Factory Installed VFD
R3 - VFD Remote Keypad for use w/R1 †
R4 - CO₂ Sensor - 100% OA †
R5 - CO₂ Sensor - Mixed Air †
R6 - Pressure Sensor †
R7 - 2-Speed VFD Relays
R8 - 3-Speed VFD Relays
R9 - VFD Enclosure for use with R2
0 - None
Z1 - Other (Specify)

† = Field Installed
 Note: All thermostats are Mercury free

Unit Type [UT] - [RT, PV] Digits 1 & 2
Capacity [CA] - [10 through 40] Digits 3 & 4
Furnace Type [FT] - [A through D] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Rooftop Arrangements [RA] - [A through L] Digit 7
(Refer to Unit Number Description on page 4)

FURNACE SECTION PARTS							
Capacity [CA]	Single Furnace						
	10	15	20	25	30	35	40
Item Description ^A	Part No.						
Replacement Heat Exchanger Ass'y							
Aluminized ^B							
std. temp. rise (20-60)	11501R07300-104	11201R07300-106	11501R07300-108	11501R07300-110	11501R07300-112	11501R07300-114	11501R07300-116
high temp. rise (60-90)	11501R07673-104	11501R07673-106	11501R07673-108	11501R07673-110	11501R07673-112	11501R07673-114	11501R07673-116
409 S.S. ^B							
std. temp. rise (20-60)	11501R07300-304	11501R07300-306	11501R07300-308	11501R07300-310	11501R07300-312	11501R07300-314	11501R07300-316
high temp. rise (60-90)	11501R07673-304	11501R07673-306	11501R07673-308	11501R07673-310	11501R07673-312	11501R07673-314	11501R07673-316
321 S.S. ^B							
std. temp. rise (20-60)	11501R07300-204	11501R07300-206	11501R07300-208	11501R07300-210	11501R07300-212	11501R07300-214	11501R07300-216
high temp. rise (60-90)	11501R07673-204	11501R07673-206	11501R07673-208	11501R07673-210	11501R07673-212	11501R07673-214	11501R07673-216
Flue Collector Ass'y [RT]							
Natural Vent Aluminized	A.G.A. 11507R07024-004	11507R07024-006	11507R07024-008	11507R07024-010	11507R07024-012	11507R07024-014	11507R07024-016
Natural Vent 409 S.S.	C.G.A. 11507R07019-004	11507R07019-006	11507R07019-008	11507R07019-010	11507R07019-012	11507R07019-014	11507R07019-016
Flue Collector Ass'y [RT]							
Natural Vent 409 S.S.	A.G.A. 11507R07024-304	11507R07024-306	11507R07024-308	11507R07024-310	11507R07024-312	11507R07024-314	11507R07024-316
Natural Vent Aluminized	C.G.A. 11507R07019-304	11507R07019-306	11507R07019-308	11507R07019-310	11507R07019-312	11507R07019-314	11507R07019-316
Flue Collector [PV]							
Aluminized R.H.	11507R07045-204	11507R07045-206	11507R07045-208	11507R07045-210	11507R07045-212	11507R07045-214	11507R07045-216
& Drafter Plenum Ass'y							
Aluminized L.H.	11507R07045-004	11507R07045-006	11507R07045-008	11507R07045-010	11507R07045-012	11507R07045-014	11507R07045-016
409 S.S. R.H.	11507R07045-404	11507R07045-406	11507R07045-408	11507R07045-410	11507R07045-412	11507R07045-414	11507R07045-416
409 S.S. L.H.	11507R07045-304	11507R07045-306	11507R07045-308	11507R07045-310	11507R07045-312	11507R07045-314	11507R07045-316
Power Venter [PV]							
Aluminized R.H.	11507R07437-204	11507R07437-206	11507R07437-208	11507R07437-210	11507R07437-212	11507R07437-214	11507R07437-216
Aluminized L.H.	11507R07437-104	11507R07437-106	11507R07437-108	11507R07437-110	11507R07437-112	11507R07437-114	11507R07437-116
409 S.S. R.H.	11507R07437-404	11507R07437-406	11507R07437-408	11507R07437-410	11507R07437-412	11507R07437-414	11507R07437-416
409 S.S. L.H.	11507R07437-304	11507R07437-306	11507R07437-308	11507R07437-310	11507R07437-312	11507R07437-314	11507R07437-316
Burner Drawer Complete ^C							
Natural Gas	11502R05017-004	11502R05017-006	11502R05017-008	11502R05017-010	11502R05017-012	11502R05017-014	11502R05017-016
Aluminized R.H.	LP Gas 11502R05017-104	11502R05017-106	11502R05017-108	11502R05017-110	11502R05017-112	11502R05017-114	11502R05017-116
Burner Drawer Complete ^C							
Natural Gas	11502R05017-204	11502R05017-206	11502R05017-208	11502R05017-210	11502R05017-212	11502R05017-214	11502R05017-216
409 Stainless Steel R.H.	LP Gas 11502R05017-304	11502R05017-306	11502R05017-308	11502R05017-310	11502R05017-312	11502R05017-314	11502R05017-316
Burner Drawer Complete ^C							
Natural Gas	11502R05019-004	11502R05019-006	11502R05019-008	11502R05019-010	11502R05019-012	11502R05019-014	11502R05019-016
Aluminized L.H.	LP Gas 11502R05019-104	11502R05019-106	11502R05019-108	11502R05019-110	11502R05019-112	11502R05019-114	11502R05019-116
Burner Drawer Complete ^C							
Natural Gas	11502R05019-204	11502R05019-206	11502R05019-208	11502R05019-210	11502R05019-212	11502R05019-214	11502R05019-216
409 Stainless Steel L.H.	LP Gas 11502R05019-304	11502R05019-306	11502R05019-308	11502R05019-310	11502R05019-312	11502R05019-314	11502R05019-316
Burner Drawer R.H. Shell, Side Service	11502R04910-004	11502R07823-006	11502R07823-008	11502R07825-010	11502R07825-012	11502R07825-014	11502R07825-016
Burner Drawer L.H. Shell, Side Service	11502R04911-004	11502R07824-006	11502R07824-008	11502R07826-010	11502R07826-012	11502R07826-014	11502R07826-016
Main Burner Set ^B							
Aluminized	11502R01654-804	11502R01654-806	11502R01654-808	11502R01654-810	11502R01654-812	11502R01654-814	11502R01654-816
409 Stainless Steel	11502R01654-904	11502R01654-906	11502R01654-908	11502R01654-910	11502R01654-912	11502R01654-914	11502R01654-916
Main Burner Spring Set	11502R01961-004	11502R01961-006	11502R01961-008	11502R01961-010	11502R01961-012	11502R01961-014	11502R01961-016
Air Shutter Set, Natural Gas	comes with 1 per burner 11502R01946-804	11502R01946-806	11502R01946-808	11502R01946-810	11502R01946-812	11502R01946-814	11502R01946-816
Air Shutter Set, LP Gas	comes with 2 per burner 11502R01946-904	11502R01946-906	11502R01946-908	11502R01946-910	11502R01946-912	11502R01946-914	11502R01946-916
Main Burner Orifice Set ^D							
Natural Gas	11503R00042-004	11503R00042-006	11503R00042-008	11503R00042-010	11503R00042-012	11503R00042-014	11503R00042-016
LP Gas	11503R00054-004	11503R00054-006	11503R00054-008	11503R00054-010	11503R00054-012	11503R00054-014	11503R00054-016
Manifold RT and PV	11503R02695-004	11503R02695-006	11503R02695-008	11503R02696-010	11503R02696-012	11503R02696-014	11503R02696-016
Number of Main Burners per Furnace	4 per furnace	6 per furnace	8 per furnace	10 per furnace	12 per furnace	14 per furnace	16 per furnace

Notes:

A – Consult Customer Service for parts not listed.

B – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number. (Heat Exchanger Assembly includes burner drawer mounting track.)

C – These complete burner drawer assemblies include the following components: (1) Burner Drawer Shell (Casing), (1) Manifold, (1) Pilot Burner Assembly, and the appropriate quantities per unit size of the following components: Main Burners, Standard Orifices, Air Shutters, and Burner Springs.

D – Standard elevation of 0-2,000 feet (0-610m) above sea level.

Unit Type [UT] - [RT, PV] Digits 1 & 2
Capacity [CA] - [50 through 12] Digits 3 & 4
Furnace Type [FT] - [A, B] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Rooftop Arrangements [RA] - [A through L] Digit 7
(Refer to Unit Number Description on page 4)

FURNACE SECTION PARTS						
Capacity [CA]	Double Furnace				Triple Furnace	
	50	60	70	80	12	
Item Description ^A	Part No.					
Replacement Heat Exchanger Ass'y						
Aluminized ^B						
std. temp. rise (20-60)	11501R07300-110 (2)	11201R07300-112 (2)	11501R07300-114 (2)	11501R07300-116 (2)	11501R07300-116 (3)	
high temp. rise (60-90)	Not Available					
409 S.S. ^B						
std. temp. rise (20-60)	11501R07300-310 (2)	11501R07300-312 (2)	11501R07300-314 (2)	11501R07300-316 (2)	11501R07300-316 (3)	
high temp. rise (60-90)	Not Available					
321 S.S. ^B						
std. temp. rise (20-60)	11501R07300-210 (2)	11501R07300-212 (2)	11501R07300-214 (2)	11501R07300-216 (2)	11501R07300-216 (3)	
high temp. rise (60-90)	Not Available					
Flue Collector Ass'y [RT]						
Natural Vent Aluminized						
A.G.A.	11507R07024-010 (2)	11507R07024-012 (2)	11507R07024-014 (2)	11507R07024-016 (2)	11507R07024-016 (3)	
C.G.A.	11507R07019-010 (2)	11507R07019-012 (2)	11507R07019-014 (2)	11507R07019-016 (2)	11507R07019-016 (3)	
Flue Collector Ass'y [RT]						
Natural Vent 409 S.S.						
A.G.A.	11507R07024-310 (2)	11507R07024-312 (2)	11507R07024-314 (2)	11507R07024-316 (2)	11507R07024-316 (3)	
C.G.A.	11507R07019-310 (2)	11507R07019-312 (2)	11507R07019-314 (2)	11507R07019-316 (2)	11507R07019-316 (3)	
Flue Collector [PV]						
Aluminized R.H.	11507R07045-210 (2)	11507R07045-212 (2)	11507R07045-214 (2)	11507R07045-216 (2)	11507R07045-216 (3)	
& Drafter Plenum Ass'y						
Aluminized L.H.	11507R07045-010 (2)	11507R07045-012 (2)	11507R07045-014 (2)	11507R07045-016 (2)	11507R07045-016 (3)	
409 S.S. R.H.	11507R07045-410 (2)	11507R07045-412 (2)	11507R07045-414 (2)	11507R07045-416 (2)	11507R07045-416 (3)	
409 S.S. L.H.	11507R07045-310 (2)	11507R07045-312 (2)	11507R07045-314 (2)	11507R07045-316 (2)	11507R07045-316 (3)	
Power Venter [PV]						
Aluminized R.H.	11507R07437-210 (2)	11507R07437-212 (2)	11507R07437-214 (2)	11507R07437-216 (2)	11507R07437-216 (3)	
Mounting Panel						
Aluminized L.H.	11507R07437-110 (2)	11507R07437-112 (2)	11507R07437-114 (2)	11507R07437-116 (2)	11507R07437-116 (3)	
409 S.S. R.H.	11507R07437-410 (2)	11507R07437-412 (2)	11507R07437-414 (2)	11507R07437-416 (2)	11507R07437-416 (3)	
409 S.S. L.H.	11507R07437-310 (2)	11507R07437-312 (2)	11507R07437-314 (2)	11507R07437-316 (2)	11507R07437-316 (3)	
Burner Drawer Complete ^C						
Natural Gas	11502R05017-010 (2)	11502R05017-012 (2)	11502R05017-014 (2)	11502R05017-016 (2)	11502R05017-016 (3)	
Aluminized R.H.						
LP Gas	11502R05017-110 (2)	11502R05017-112 (2)	11502R05017-114 (2)	11502R05017-116 (2)	11502R05017-116 (3)	
Burner Drawer Complete ^C						
Natural Gas	11502R05017-210 (2)	11502R05017-212 (2)	11502R05017-214 (2)	11502R05017-216 (2)	11502R05017-216 (3)	
409 Stainless Steel R.H.						
LP Gas	11502R05017-310 (2)	11502R05017-312 (2)	11502R05017-314 (2)	11502R05017-316 (2)	11502R05017-316 (3)	
Burner Drawer Complete ^C						
Natural Gas	11502R05019-010 (2)	11502R05019-012 (2)	11502R05019-014 (2)	11502R05019-016 (2)	11502R05019-016 (3)	
Aluminized L.H.						
LP Gas	11502R05019-110 (2)	11502R05019-112 (2)	11502R05019-114 (2)	11502R05019-116 (2)	11502R05019-116 (3)	
Burner Drawer Complete ^C						
Natural Gas	11502R05019-210 (2)	11502R05019-212 (2)	11502R05019-214 (2)	11502R05019-216 (2)	11502R05019-216 (3)	
409 Stainless Steel L.H.						
LP Gas	11502R05019-310 (2)	11502R05019-312 (2)	11502R05019-314 (2)	11502R05019-316 (2)	11502R05019-316 (3)	
Burner Drawer R.H. Shell, Side Service						
	11502R07825-010 (2)	11502R07825-012 (2)	11502R07825-014 (2)	11502R07825-016 (2)	11502R07825-016 (3)	
Burner Drawer L.H. Shell, Side Service						
	11502R07826-010 (2)	11502R07826-012 (2)	11502R07826-014 (2)	11502R07826-016 (2)	11502R07826-016 (3)	
Main Burner Set ^D						
Aluminized	11502R01654-810 (2)	11502R01654-812 (2)	11502R01654-814 (2)	11502R01654-816 (2)	11502R01654-816 (3)	
Main Burner Set ^D						
409 Stainless Steel	11502R01654-910 (2)	11502R01654-912 (2)	11502R01654-914 (2)	11502R01654-916 (2)	11502R01654-916 (3)	
Main Burner Spring Set						
	11502R01961-010 (2)	11502R01961-012 (2)	11502R01961-014 (2)	11502R01961-016 (2)	11502R01961-016 (3)	
Air Shutter Set, Natural Gas						
comes with 1 per burner	11502R01946-810 (2)	11502R01946-812 (2)	11502R01946-814 (2)	11502R01946-816 (2)	11502R01946-816 (3)	
Air Shutter Set, LP Gas						
comes with 2 per burner	11502R01946-910 (2)	11502R01946-912 (2)	11502R01946-914 (2)	11502R01946-916 (2)	11502R01946-916 (3)	
Main Burner Orifice Set ^D						
Natural Gas	11503R00042-010 (2)	11503R00042-012 (2)	11503R00042-014 (2)	11503R00042-016 (2)	11503R00042-016 (3)	
Main Burner Orifice Set ^D						
LP Gas	11503R00054-010 (2)	11503R00054-012 (2)	11503R00054-014 (2)	11503R00054-016 (2)	11503R00054-016 (3)	
Manifold RT and PV						
	11503R02696-010 (2)	11503R02696-012 (2)	11503R02696-014 (2)	11503R02696-016 (2)	11503R02696-016 (3)	
Number of Main Burners per Furnace	10 per furnace	12 per furnace	14 per furnace	16 per furnace	16 per furnace	

Notes: (Quantity required per unit capacity is shown in parenthesis.)

A – Consult Customer Service for parts not listed.

B – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number. (Heat Exchanger Assembly includes burner drawer mounting track.)

C – These complete burner drawer assemblies include the following components: (1) Burner Drawer Shell (Casing), (1) Manifold, (1) Pilot Burner Assembly, and the appropriate quantities per unit size of the following components: Main Burners, Standard Orifices, Air Shutters, and Burner Springs.

D – Standard elevation of 0-2,000 feet (0-610m) above sea level.

Unit Type [UT] - [RT, PV, AH] Digits 1 & 2
Capacity [CA] - [10 through 40] Digits 3 & 4
Furnace Type [FT] - [A through D] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Rooftop Arrangements [RA] - [A through W] Digit 7
(Refer to Unit Number Description on page 4)

PANELS, POWER VENT, SWITCHES AND RELAYS								
Capacity [CA]	Single Furnace							
	10	15	20	25	30	35	40	Part No.
Item Description ^A								
RT Vent Cap	- Standard AGA	11507R07008-004	11507R07008-006	11507R07008-008	11507R07008-008	11507R07008-012	11507R07008-012	11507R07008-012
	- Extension (California)	11507R07023-004	11507R07023-006	11507R07023-008	11507R07023-008	11507R07023-012	11507R07023-012	11507R07023-012
	- Canada CGA	11507R07009-004	11507R07009-006	11507R07009-008	11507R07009-008	11507R07009-012	11507R07009-012	11507R07009-012
Fixed Side Panel 26" (Supply & Coil Cabinets) ^B	11258R07313-001							
Access Side Panel 26" (Supply Cabinet) ^B	11258R07303-004							
Fixed Side Panel 26" W/Out Insul. (Furnace) ^B	11258R07313-003							
Access Side Panel 26" W/Out Insul. (Furnace) ^B	11258R07303-003							
Coil Cabinet Access Panel [RA] = [K,L,U,W] ^B	11258R07594							
Access Panel LH/RH (PV Furnace) ^B	11258R07302							
Fixed Side Panel RH/LH 36" [RA] = [B thru W] ^B (Blower and/or Filter/Damper Cabinet)	11258R07313-002							
Access Side Panel RH/LH 36" [RA] = [B thru W] ^{B,C} (Blower and/or Filter/Damper Cabinet)	11258R07303-002							
Hinged Access Door [RA] = [B thru W] ^{B,C,D}	RH	11258R07888-001						
(Blower and/or Filter/Damper Cabinet)	LH	11258R07888-002						
Hinged Access Door w/ GFCI Outlet ^{B,C,D}	RH	11258R07889-001						
(Blower and/or Filter/Damper Cabinet)	LH	11258R07890-002						
Power Vent - Motor & Blower Assembly ^E	115V	11202R07044-003						
	208V	11202R07044-005						
	230/460/575V	11202R07044-004						
Power Vent - Motor Only	115V	11J52R00900-001						
	208V	11J52R00910-001						
	230/460/575V	11J52R00920-001						
Power Vent Wheel	11J35R00703-114							
Power Vent Housing	11253R07047-001							
Power Vent Gasket	11J37R07715							
Discharge Duct Adapter Assembly w/ Gasketing	11507R07040-101							
Ignitor Shield - PV	11257R07433-001	11257R07433-002	11257R07433-003	11257R07433-002	11257R07433-003	11257R07433-002	11257R07433-002	11257R07433-002
High Limit Switch	11J11R03149-001							
Safety Limit Switch	11J11R00306-001							
Fan Time Delay	11J10R03864							
Auxiliary Relay	11J10R03234							
Door Safety Switch	11J11R03663							

Notes:

A – Consult Customer Service for parts not listed.

B – Outdoor units [RT/PV/AH/EV] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.

C – Outdoor units [RT/PV/AH] manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N3 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all [RT/PV/AH] Blower/Filter/Damper cabinets. When [AS] N3 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.

D – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.

E – Power Vent Assembly includes: Blower Wheel, Motor, Motor Mounting Plate, and Relay.

Unit Type [UT] - [RT, PV, AH] Digits 1 & 2
Capacity [CA] - [50 through 12] Digits 3 & 4
Furnace Type [FT] - [A, B] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Rooftop Arrangements [RA] - [A through W] Digit 7
(Refer to Unit Number Description on page 4)

PANELS, POWER VENT, SWITCHES AND RELAYS						
Capacity [CA]	Double Furnace				Triple Furnace	
	50	60	70	80	12	
Item Description ^A	Part No.					
RT Vent Cap	- Standard AGA	11507R07008-008 (2)	11507R07008-012 (2)	11507R07008-012 (2)	11507R07008-012 (2)	11507R07008-012 (3)
	- Extension (California)	11507R07023-008 (2)	11507R07023-012 (2)	11507R07023-012 (2)	11507R07023-012 (2)	11507R07023-012 (3)
	- Canada CGA	11507R07009-008 (2)	11507R07009-012 (2)	11507R07009-012 (2)	11507R07009-012 (2)	11507R07009-012 (3)
Fixed Side Panel 26" (Supply & Coil Cabinets) ^B				11258R07313-001		
Access Side Panel 26" (Supply Cabinet) ^B				11258R07303-004		
Fixed Side Panel 26" W/Out Insul. (Furnace) ^B				11258R07313-003		
Access Side Panel 26" W/Out Insul. (Furnace) ^B				11258R07303-003		
Coil Cabinet Access Panel [RA] = [K,L,U,W] ^B				11258R07594		
Access Panel LH/RH (PV Furnace) ^B				11258R07302		
Fixed Side Panel RH/LH 36" [RA] = [B thru W] ^B (Blower and/or Filter/Damper Cabinet)				11258R07313-002		
Access Side Panel RH/LH 36" [RA] = [B thru W] ^{B,C} (Blower and/or Filter/Damper Cabinet)				11258R07303-002		
Hinged Access Door [RA] = [B thru W] ^{B,C,D}				11258R07888-001		
(Blower and/or Filter/Damper Cabinet)				11258R07888-002		
Hinged Access Door w/ GFCI Outlet ^{B,C,D}				11258R07889-001		
(Blower and/or Filter/Damper Cabinet)				11258R07890-002		
Power Vent - Motor & Blower Assembly ^E	115V		11202R07044-003 (2)			11202R07044-003 (3)
	208V		11202R07044-005 (2)			11202R07044-005 (3)
	230/460/575V		11202R07044-004 (2)			11202R07044-004 (3)
Power Vent - Motor Only	115V		11J52R00900-001 (2)			11J52R00900-001 (3)
	208V		11J52R00910-001 (2)			11J52R00910-001 (3)
	230/460/575V		11J52R00920-001 (2)			11J52R00920-001 (3)
Power Vent Wheel			11J35R00703-114 (2)			11J35R00703-114 (3)
Power Vent Housing			11253R07047-001 (2)			11253R07047-001 (3)
Power Vent Gasket			11J37R07715 (2)			11J37R07715 (3)
Discharge Duct Adapter Assembly w/ Gasketing			11507R07040-101 (2)			11507R07040-101 (3)
Ignitor Shield - PV	11257R07433-002	11257R07433-003	11257R07433-002	11257R07433-002		11257R07433-002
High Limit Switch			11J11R03149-001 (2)			11J11R03149-001 (3)
Safety Limit Switch			11J11R00306-001 (2)			11J11R00306-001 (3)
Fan Time Delay				11J10R03864		
Auxiliary Relay				11J10R03234		
Door Safety Switch				11J11R03663		

Notes:

A – Consult Customer Service for parts not listed.

B – Outdoor units [RT/PV/AH/EV] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.

C – Outdoor units [RT/PV/AH] manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N3 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all [RT/PV/AH] Blower/Filter/Damper cabinets. When [AS] N3 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.

D – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.

E – Power Vent Assembly includes: Blower Wheel, Motor, Motor Mounting Plate, and Relay.

Unit Type [UT] - [ME] Digits 1 & 2
Capacity [CA] - [10 through 40] Digits 3 & 4
Furnace Type [FT] - [A, B] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Indoor Arrangements [IA] - [A through K] Digit 7
(Refer to Unit Number Description on page 5)

Capacity [CA]	Single Furnace						
	10	15	20	25	30	35	40
Item Description ^A	Part No.						
Heat Exchanger Ass'y Aluminized ^B	11602R05929-104	11602R05929-106	11602R05929-108	11602R05929-110	11602R05929-112	11602R05929-114	11602R05929-116
Heat Exchanger Ass'y 409 Stainless Steel ^B	11602R05929-304	11602R05929-306	11602R05929-308	11602R05929-310	11602R05929-312	11602R05929-314	11602R05929-316
Heat Exchanger Ass'y 321 Stainless Steel ^B	11602R05929-204	11602R05929-206	11602R05929-208	11602R05929-210	11602R05929-212	11602R05929-214	11602R05929-216
Flue Collector Ass'y Aluminized	11507R02687-104	11507R02690-106	11507R02690-108	11507R02690-110	11507R02690-112	11507R02690-114	11507R02690-116
Power Vent RH & LH 409 S.S.	11507R02687-304	11507R02690-306	11507R02690-308	11507R02690-310	11507R02690-312	11507R02690-314	11507R02690-316
Burner Drawer Complete ^C Natural Gas	11502R02693-004	11502R02693-006	11502R02693-008	11502R02693-010	11502R02693-012	11502R02693-014	11502R02693-016
Aluminized RH LP Gas	11502R02693-104	11502R02693-106	11502R02693-108	11502R02693-110	11502R02693-112	11502R02693-114	11502R02693-116
Burner Drawer Complete ^C Natural Gas	11502R02694-004	11502R02694-006	11502R02694-008	11502R02694-010	11502R02694-012	11502R02694-014	11502R02694-016
Aluminized LH LP Gas	11502R02694-104	11502R02694-106	11502R02694-108	11502R02694-110	11502R02694-112	11502R02694-114	11502R02694-116
Burner Drawer Complete ^C Natural Gas	11502R02693-204	11502R02693-206	11502R02693-208	11502R02693-210	11502R02693-212	11502R02693-214	11502R02693-216
409 Stainless Steel RH LP Gas	11502R02693-304	11502R02693-306	11502R02693-308	11502R02693-310	11502R02693-312	11502R02693-314	11502R02693-316
Burner Drawer Complete ^C Natural Gas	11502R02694-204	11502R02694-206	11502R02694-208	11502R02694-210	11502R02694-212	11502R02694-214	11502R02694-216
409 Stainless Steel LH LP Gas	11502R02694-304	11502R02694-306	11502R02694-308	11502R02694-310	11502R02694-312	11502R02694-314	11502R02694-316
Burner Drawer RH Shell, Side Service	11502R04910-004	11502R04917-006	11502R04917-008	11502R04919-010	11502R04919-012	11502R04919-014	11502R04919-016
Burner Drawer LH Shell, Side Service	11502R04911-004	11502R04918-006	11502R04918-008	11502R04920-010	11502R04920-012	11502R04920-014	11502R04920-016
Main Burner Set ^E Aluminized	11502R01654-804	11502R01654-806	11502R01654-808	11502R01654-810	11502R01654-812	11502R01654-814	11502R01654-816
Main Burner Set ^E 409 Stainless Steel	11502R01654-904	11502R01654-906	11502R01654-908	11502R01654-910	11502R01654-912	11502R01654-914	11502R01654-916
Main Burner Spring Set	11502R01961-004	11502R01961-006	11502R01961-008	11502R01961-010	11502R01961-012	11502R01961-014	11502R01961-016
Air Shutter Set, Natural Gas comes with 1 per burner	11502R01946-804	11502R01946-806	11502R01946-808	11502R01946-810	11502R01946-812	11502R01946-814	11502R01946-816
Air Shutter Set, LP Gas comes with 2 per burner	11502R01946-904	11502R01946-906	11502R01946-908	11502R01946-910	11502R01946-912	11502R01946-914	11502R01946-916
Main Burner Orifice Set ^D Natural Gas	11503R00042-004	11503R00042-006	11503R00042-008	11503R00042-010	11503R00042-012	11503R00042-014	11503R00042-016
Main Burner Orifice Set ^D LP Gas	11503R00054-004	11503R00054-006	11503R00054-008	11503R00054-010	11503R00054-012	11503R00054-014	11503R00054-016
Manifold - Side Service	11503R02695-006	11503R02695-006	11503R02695-008	11503R02696-010	11503R02696-012	11503R02696-014	11503R02696-016
Vent Cap	11J37R02222-001		11J37R02222-002			11J37R02222-003	
Adapters 4-5" or 5-6"	11J37R02185 [4-5"]		N/A			11J37R02186 [5-6"]	
Coil Cabinet Fixed Side Panel 26" [IA] = [K]				11258R07313-001			
Coil Cabinet Access Side Panel 26" [IA] = [K]				11258R07594			
Fixed Side Panel RH/LH 36" [IA] = [B,D,G,K]				11258R07313-002			
(Blower and/or Filter/Damper Cabinet)							
Access Side Panel RH/LH 36" [IA] = [B,D,G,K]				11258R07303-002			
(Blower and/or Filter/Damper Cabinet)							
Hinged Access Door [IA] = [B,D,G,K] ^{E,F,G} RH				11258R07888-001			
(Blower and/or Filter/Damper Cabinet) LH				11258R07888-002			
Hinged Access Door w/ GFCI Outlet ^{E,F,G} RH				11258R07889-001			
(Blower and/or Filter/Damper Cabinet) LH				11258R07890-002			
Power Vent Assembly 115V ^H			11262R06389				11262R06389-016
Power Vent Motor 115V			11J31R01125				
Power Vent Wheel			11J35R01126-011				11J35R00703-114
Power Vent Housing			11253R07047-002				
Air Pressure Switch			11261R06830-001				
High Limit Switch			11J11R02683				
Safety Limit Switch			11J11R00306-001				
Fan Time Delay			11J10R03864				
Auxiliary Relay			11J10R03234				
Number of Main Burners	4 per furnace	6 per furnace	8 per furnace	10 per furnace	12 per furnace	14 per furnace	16 per furnace

Notes:

- A – Consult Customer Service for parts not listed.**
- B – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number. (Heat Exchanger Assembly includes burner drawer mounting track.)**
- C – These complete burner drawer assemblies include the following components: (1) Burner Drawer Shell (Casing), (1) Manifold, (1) Pilot Burner Assembly, and the appropriate quantities per unit size of the following components: Main Burners, Standard Orifices, Air Shutters, and Burner Springs.**
- D – Standard elevation of 0-2,000 feet (0-610m) above sea level.**
- E – Indoor units [ME/MS] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.**
- F – ME units manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N5 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all ME Blower/Filter/Damper cabinets. When [AS] N5 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.**
- G – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.**
- H – Power Vent Assembly includes: housing, blower wheel, motor, mounting bracket (for air pressure switch), sensing tube, junction box base with motor relay and stack assembly.**

Unit Type [UT] - [ME] Digits 1 & 2
Capacity [CA] - [50 through 12] Digits 3 & 4
Furnace Type [FT] - [A, B] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Indoor Arrangement [IA] - [A through K] Digit 7
(Refer to Unit Number Description on page 5)

Capacity [CA]	Double Furnace				Triple Furnace
	50	60	70	80	12
Item Description ^A	Part No.				
Heat Exchanger Ass'y Aluminized ^B	11602R03370-110 (2)	11602R03370-112 (2)	11602R03370-114 (2)	11602R03370-116 (2)	11602R03370-116 (3)
Heat Exchanger Ass'y 409 Stainless Steel ^B	11602R03370-310 (2)	11602R03370-312 (2)	11602R03370-314 (2)	11602R03370-316 (2)	11602R03370-316 (3)
Heat Exchanger Ass'y 321 Stainless Steel ^B	11602R03370-210 (2)	11602R03370-212 (2)	11602R03370-214 (2)	11602R03370-216 (2)	11602R03370-216 (3)
Flue Collector Ass'y Aluminized	11507R02690-110 (2)	11507R02690-112 (2)	11507R02690-114 (2)	11507R02690-116 (2)	11507R02690-116 (3)
Power Vent RH & LH 409 S.S.	11507R02690-310 (2)	11507R02690-312 (2)	11507R02690-314 (2)	11507R02690-316 (2)	11507R02690-316 (3)
Burner Drawer Complete ^C Natural Gas	11502R02693-010 (2)	11502R02693-012 (2)	11502R02693-014 (2)	11502R02693-016 (2)	11502R02693-016 (3)
Aluminized RH LP Gas	11502R02693-110 (2)	11502R02693-112 (2)	11502R02693-114 (2)	11502R02693-116 (2)	11502R02693-116 (3)
Burner Drawer Complete ^C Natural Gas	11502R02694-010 (2)	11502R02694-012 (2)	11502R02694-014 (2)	11502R02694-016 (2)	11502R02694-016 (3)
Aluminized LH LP Gas	11502R02694-110 (2)	11502R02694-112 (2)	11502R02694-114 (2)	11502R02694-116 (2)	11502R02694-116 (3)
Burner Drawer Complete ^C Natural Gas	11502R02693-210 (2)	11502R02693-212 (2)	11502R02693-214 (2)	11502R02693-216 (2)	11502R02693-216 (3)
409 Stainless Steel RH LP Gas	11502R02693-310 (2)	11502R02693-312 (2)	11502R02693-314 (2)	11502R02693-316 (2)	11502R02693-316 (3)
Burner Drawer Complete ^C Natural Gas	11502R02694-210 (2)	11502R02694-212 (2)	11502R02694-214 (2)	11502R02694-216 (2)	11502R02694-216 (3)
409 Stainless Steel LH LP Gas	11502R02694-310 (2)	11502R02694-312 (2)	11502R02694-314 (2)	11502R02694-316 (2)	11502R02694-316 (3)
Burner Drawer RH Shell, Side Service	11502R04919-010 (2)	11502R04919-012 (2)	11502R04919-014 (2)	11502R04919-016 (2)	11502R04919-016 (3)
Burner Drawer LH Shell, Side Service	11502R04920-010 (2)	11502R04920-012 (2)	11502R04920-014 (2)	11502R04920-016 (2)	11502R04920-016 (3)
Main Burner Set ^E Aluminized	11502R01654-810 (2)	11502R01654-812 (2)	11502R01654-814 (2)	11502R01654-816 (2)	11502R01654-816 (3)
Main Burner Set ^E 409 Stainless Steel	11502R01654-910 (2)	11502R01654-912 (2)	11502R01654-914 (2)	11502R01654-916 (2)	11502R01654-916 (3)
Main Burner Spring Set	11502R01961-010 (2)	11502R01961-012 (2)	11502R01961-014 (2)	11502R01961-016 (2)	11502R01961-016 (3)
Air Shutter Set, Natural Gas comes with 1 per burner	11502R01946-810 (2)	11502R01946-812 (2)	11502R01946-814 (2)	11502R01946-816 (2)	11502R01946-816 (3)
Air Shutter Set, LP Gas comes with 2 per burner	11502R01946-910 (2)	11502R01946-912 (2)	11502R01946-914 (2)	11502R01946-916 (2)	11502R01946-916 (3)
Main Burner Orifice Set ^D Natural Gas	11503R00042-010 (2)	11503R00042-012 (2)	11503R00042-014 (2)	11503R00042-016 (2)	11503R00042-016 (3)
Main Burner Orifice Set ^D LP Gas	11503R00054-010 (2)	11503R00054-012 (2)	11503R00054-014 (2)	11503R00054-016 (2)	11503R00054-016 (3)
Manifold - Side Service	11503R02696-010 (2)	11503R02696-012 (2)	11503R02696-014 (2)	11503R02696-016 (2)	11503R02696-016 (3)
Vent Cap	11J37R02222-002 (2)		11J37R02222-003 (2)		11J37R02222-003 (3)
Adapters 4-5" or 5-6"	N/A		11J37R02186 [5 - 6"] (2)		11J37R02186 [5 - 6"] (3)
Coil Cabinet Fixed Side Panel 26" [IA] = [K]			11258R07313-001		
Coil Cabinet Access Side Panel 26" [IA] = [K]			11258R07594		
Fixed Side Panel RH/LH 36" [IA] = [B,D,G,K] (Blower and/or Filter/Damper Cabinet)			11258R07313-002		
Access Side Panel RH/LH 36" [IA] = [B,D,G,K] (Blower and/or Filter/Damper Cabinet)			11258R07303-002		
Hinged Access Door [IA] = [B,D,G,K] ^{E,F,G} RH			11258R07888-001		
(Blower and/or Filter/Damper Cabinet) LH			11258R07888-002		
Hinged Access Door w/ GFCI Outlet ^{E,F,G} RH			11258R07889-001		
(Blower and/or Filter/Damper Cabinet) LH			11258R07890-002		
Power Vent Assembly 115V ^H		11262R06389 (2)		11262R06389-016 (2)	11262R06389-016 (3)
Power Vent Motor 115V		11J31R01125 (2)			11J31R01125 (3)
Power Vent Wheel		11J35R01126-011 (2)		11J35R00703-114 (2)	11J35R00703-114 (3)
Power Vent Housing		11253R07047-002 (2)			11253R07047-002 (3)
Air Pressure Switch		11261R06830-001 (2)			11261R06830-001 (3)
High Limit Switch		11J11R02683 (2)			11J11R02683 (3)
Safety Limit Switch		11J11R00306-001 (2)			11J11R00306-001 (3)
Fan Time Delay			11J10R03864		
Auxiliary Relay			11J10R03234		
Number of Main Burners	10 per furnace	12 per furnace	14 per furnace	16 per furnace	16 per furnace

Notes: (Quantity required per unit capacity is shown in parenthesis.)

A – Consult Customer Service for parts not listed.

B – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number. (Heat Exchanger Assembly includes burner drawer mounting track.)

C – These complete burner drawer assemblies include the following components: (1) Burner Drawer Shell (Casing), (1) Manifold, (1) Pilot Burner Assembly, and the appropriate quantities per unit size of the following components: Main Burners, Standard Orifices, Air Shutters, and Burner Springs.

D – Standard elevation of 0-2,000 feet (0-610m) above sea level.

E – Indoor units [ME/MS] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.

F – ME units manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N5 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all ME Blower/Filter/Damper cabinets. When [AS] N5 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.

G – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.

H – Power Vent Assembly includes: housing, blower wheel, motor, mounting bracket (for air pressure switch), sensing tube, junction box base with motor relay and stack assembly.

Unit Type [UT] - [MS] Digits 1 & 2
Capacity [CA] - [10 through 40] Digits 3 & 4
Furnace Type [FT] - [A through D] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Indoor Arrangements [IA] - [A through K] Digit 7
(Refer to Unit Number Description on page 5)

Capacity [CA]	Single Furnace						
	10	15	20	25	30	35	40
Item Description ^A	Part No.						
Replacement Heat Exchanger Ass'y Aluminized ^B	std. temp. rise (20-60) 11602R03371-104	11602R03371-106	11602R03371-108	11602R03371-110	11602R03371-112	11602R03371-114	11602R03371-116
	high temp. rise (60-90) 11602R05933-104	11602R05933-106	11602R05933-108	11602R05933-110	11602R05933-112	11602R05933-114	11602R05933-116
409 S.S. ^B	std. temp. rise (20-60) 11501R01771-304	11602R03371-306	11602R03371-308	11602R03371-310	11602R03371-312	11602R03371-314	11602R03371-316
	high temp. rise (60-90) 11602R05933-304	11602R05933-306	11602R05933-308	11602R05933-310	11602R05933-312	11602R05933-314	11602R05933-316
321 S.S. ^B	std. temp. rise (20-60) 11602R03371-204	11602R03371-206	11602R03371-208	11602R03371-210	11603R03371-212	11602R03371-214	11602R03371-216
	high temp. rise (60-90) 11602R05933-204	11602R05933-206	11602R05933-208	11602R05933-210	11602R05933-212	11602R05933-214	11602R05933-216
Flue Collector Ass'y Alum. Steel	11507R03947-104	11507R02966-006	11507R02966-008	11507R02966-010	11507R02966-012	11507R02966-014	11507R02966-016
Flue Collector Ass'y 409 SS	11507R03947-304	11507R02966-306	11507R02966-308	11507R02966-310	11507R02966-312	11507R02966-314	11507R02966-316
Combustion Chamber Shell LH	11502R06079-004	11502R06079-006	11502R06079-008	11502R06079-010	11502R06079-012	11502R06079-014	11502R06079-016
Combustion Chamber Shell RH	11502R06080-004	11502R06080-006	11502R06080-008	11502R06080-010	11502R06080-012	11502R06080-014	11502R06080-016
Burner Manifold Assembly	11503R03039-004	11503R03039-006	11503R03039-008	11503R01938-010	11503R01938-012	11503R01938-014	11503R01938-016
Power Vent Assembly 115V ^C	11262R06389						
Power Vent Motor 115V	11J31R01125						
Power Vent Wheel	11J35R01126-011						
Power Vent Housing	11253R07047-002						
Power Vent Transition Collar	11262R06390						
Power Vent Relay	11J10R03410						
Air Pressure Switch	11261R06830-004						
Pre-Purge Relay	11J11R00366						
High Limit Switch	11J11R03149-001						
Safety Limit Switch	11J11R00306-001						
Capillary Limit Switch (Last Furnace Only)	N/A						
Capillary Tube (Last Furnace Only)	N/A						
Vent Cap	11J37R02222-001	11J37R02222-002				11J37R02222-003	
Adapters 4-5" or 5-6"	11J37R02185 [4-5"]	N/A			11J37R02186 [5-6"]		
Coil Cabinet Fixed Side Panel 26" [IA] = [K]	11258R07313-001						
Coil Cabinet Access Side Panel 26" [IA] = [K]	11258R07594						
Fixed Side Panel RH/LH 36" [IA] = [B,D,G,K] (Blower and/or Filter/Damper Cabinet)	11258R07313-002						
Access Side Panel RH/LH 36" [IA] = [B,D,G,K] (Blower and/or Filter/Damper Cabinet)	11258R07303-002						
Hinged Access Door [IA] = [B,D,G,K]D,E,F (Blower and/or Filter/Damper Cabinet)	RH			11258R07888-001			
	LH			11258R07888-002			
Hinged Access Door w/ GFCI OutletD,E,F (Blower and/or Filter/Damper Cabinet)	RH			11258R07889-001			
	LH			11258R07890-002			
Right Casing Panel (Furnace Section)	11251R03940						
Left Casing Panel (Furnace Section)	11251R03941						

Notes:

- A** – Consult Customer Service for parts not listed. For Main Burners, Air Shutters, Burner Springs, and Orifice Sets, use the same as listed for ME units.
- B** – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number.
- C** – Power Vent Assembly includes: housing, blower wheel, motor, mounting bracket (for air pressure switch), sensing tube, junction box base with motor relay and stack assembly.
- D** – Indoor units [ME/MS] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.
- E** – MS units manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N5 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all MS Blower/Filter/Damper cabinets. When [AS] N5 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.
- F** – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.

Unit Type [UT] - [MS] Digits 1 & 2
Capacity [CA] - [50 through 12] Digits 3 & 4
Furnace Type [FT] - [A, B] Digit 5
Furnace Construction Material [FM] - [1 through 9] Digit 6
Indoor Arrangement [IA] - [A through K] Digit 7
(Refer to Unit Number Description on page 5)

Capacity [CA]	Double Furnace				Triple Furnace
	50	60	70	80	12
Item Description ^A	Part No.				
Heat Exchanger Ass'y Aluminized ^B	11602R03371-110 (2)	11602R03371-112 (2)	11602R03371-114 (2)	11602R03371-116 (2)	11602R03371-116 (3)
Heat Exchanger Ass'y 409 Stainless Steel ^B	11602R03371-310 (2)	11602R03371-312 (2)	11602R03371-314 (2)	11602R03371-316 (2)	11602R03371-316 (3)
Heat Exchanger Ass'y 321 Stainless Steel ^B	11602R05933-210 (2)	11602R05933-212 (2)	11602R05933-214 (2)	11602R05933-216 (2)	11602R05933-216 (3)
Flue Collector Ass'y	Aluminized	11507R02966-010 (2)	11507R02966-012 (2)	11507R02966-014 (2)	11507R02966-016 (2)
	409 S.S.	11507R02966-310 (2)	11507R02966-312 (2)	11507R02966-314 (2)	11507R02966-316 (2)
Combustion Chamber Shell LH	11502R06079-010 (2)	11502R06079-012 (2)	11502R06079-014 (2)	11502R06079-016 (2)	11502R06079-016 (3)
Combustion Chamber Shell RH	11502R06080-010 (2)	11502R06080-012 (2)	11502R06080-014 (2)	11502R06080-016 (2)	11502R06080-016 (3)
Burner Manifold Assembly	11503R01938-010 (2)	11503R01938-012 (2)	11503R01938-014 (2)	11503R01938-016 (2)	11503R01938-016 (3)
Power Vent Assembly 115V ^C	11262R06389 (2)			11262R06389-016 (2)	11262R06389-016 (3)
Power Vent Motor 115V	11J31R01125 (2)				11J31R01125 (3)
Power Vent Wheel	11J35R01126-011 (2)		11J35R00703-114 (2)		11J35R00703-114 (3)
Power Vent Housing	11253R07047-002 (2)				11253R07047-002 (3)
Power Vent Transition Collar	11262R06390 (2)				11262R06390 (3)
Power Vent Relay	11J10R03410 (2)				11J10R03410 (3)
Air Pressure Switch	11261R06830-004 (2)		11261R06830-005 (2)		11261R06830-005 (3)
Pre-Purge Relay	11J11R00366 (2)				11J11R00366 (3)
High Limit Switch	11J11R03149-001 (2)				11J11R03149-001 (3)
Safety Limit Switch	11J11R00306-001				
Capillary Limit Switch (Last Furnace Only)	11J11R06505-001				
Capillary Tube (Last Furnace Only)	11257R06512-010	11257R06512-012	11257R06512-014	11257R06512-016	
Vent Cap	11J37R02222-002 (2)	11J37R0222-003 (2)		11J37R0222-003 (3)	
Adapters 4-5" or 5-6"	N/A	11J37R02186 [5 - 6"] (2)		11J37R02186 [5 - 6"] (3)	
Coil Cabinet Fixed Side Panel 26" [IA] = [K]	11258R07313-001				
Coil Cabinet Access Side Panel 26" [IA] = [K]	11258R07594				
Fixed Side Panel RH/LH 36" (Blower and/or Filter/Damper Cabinet) [IA] = [B,D,G,K]	11258R07313-002				
Access Side Panel RH/LH 36" (Blower and/or Filter/Damper Cabinet) [IA] = [B,D,G,K]	11258R07303-002				
Hinged Access Door [IA] = [B,D,G,K] ^{D,E,F} RH	11258R07888-001				
Hinged Access Door [IA] = [B,D,G,K] ^{D,E,F} LH	11258R07888-002				
Hinged Access Door w/ GFCI Outlet ^{D,E,F} RH	11258R07889-001				
Hinged Access Door w/ GFCI Outlet ^{D,E,F} LH	11258R07890-002				
Right Casing Panel (Furnace Section)	11251R03940				
Left Casing Panel (Furnace Section)	11251R03941				

Notes: (Quantity required per unit capacity is shown in parenthesis.)

A – Consult Customer Service for parts not listed. For Main Burners, Air Shutters, Burner Springs, and Orifice Sets, use the same as listed for ME units.

B – Refer to [FT] Furnace Type Digit 5 and [FM] Furnace Material Digit 6 of your unit number.

C – Power Vent Assembly includes: housing, blower wheel, motor, mounting bracket (for air pressure switch), sensing tube, junction box base with motor relay and stack assembly.

D – Indoor units [ME/MS] manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.

E – MS units manufactured prior to 2008 were equipped with removeable access panels on the Blower/Filter/Damper cabinets as standard; hinged access doors were only supplied when [AS] N1 (hinged access doors) or N5 (service convenience package) was selected. Starting in 2008, hinged access doors became standard on all ME Blower/Filter/Damper cabinets. When [AS] N5 Service Convenience Package is selected, hinged access doors with GFCI outlet are used.

F – For units with [AS] R9 VFD Enclosure, see VFD page for appropriate replacement Blower or Blower/Filter/Damper section doors.

Coil Option [CO] Digit 8
Consult Customer Service Dept. for Replacement DX and Chilled Water Coils

Gas Type [GT] Digit 9

Gas Control [GC] Digit 10
Capacity [CA] - 10 through 40

Capacity [CA]	Single Furnace						
	10	15	20	25	30	35	40
Item Description	Part No.						
STANDARD GAS VALVES AND SPARK IGNITION COMPONENTS							
Main Valve, Auto Spark Natural Gas	11J28R03069-001		11J28R03069-003		11J28R00742		
Main Valve, Auto Spark LP Gas	11J28R03069-002						
2 Stage Valve, Auto Spark Natural Gas	11J28R02454-003						
2 Stage Valve, Auto Spark LP Gas	11J28R02454-001						
S8600H Honeywell Ignitor, Natural Gas Lockout	11J28R02721						
S8600M Honeywell Ignitor, LP Gas or Natural Gas	11J28R02722						
Honeywell Pilot Burner Natural Gas R.H.	11J38R04578-001						
Honeywell Pilot Burner Natural Gas L.H.	11J38R07982-001						
Honeywell Pilot Burner LP Gas R.H.	11J38R04578-002						
Honeywell Pilot Burner LP Gas L.H.	11J38R07982-002						
Pilot Tubing	11261R04962-003						
Honeywell 36" Ignition Cable (S8600 Control) ^A	11J38R02848-002						
ELECTRONIC AND MECHANICAL MODULATING GAS CONTROLS							
Maxitrol System MR Valve 410 1/2" NG	11J28R00760-001					N/A	
Maxitrol System MR Valve 410H 1/2" LP	11J28R00760-006					N/A	
Maxitrol System MR Valve 510 3/4" NG	N/A	11J28R00760-003		N/A			
Maxitrol System MR Valve 510H 3/4" LP	N/A	11J28R00760-008		N/A			
Maxitrol System MR Valve 610 3/4" NG	N/A		11J28R00760-004		N/A		
Maxitrol System MR Valve 610H 3/4" LP	N/A		11J28R00760-009		N/A		
Maxitrol System MR Valve 610 1" NG	N/A				11J28R00760-005		
Maxitrol System Amplifier A1010U	11J28R00855-005						
Maxitrol SCII-B Signal Conditioner	11J28R03716						
Room Sensor - Series 20 and 30 T120	11J13R00856						
Duct Sensor - Series 21 and 31 TS121 and MT1-12	11J13R00859						
Remote Set Pt. - Temp. Selector 21 & 31 TD121	11J13R00858						
Room Override T-stat - 21 and 31 T115	11J13R00857						
Bypass Valve H91DG-7, 1/2" x 1/2"	11J28R01372-001						
Bypass Valve H91LG-7, 3/4" x 3/4"	11J28R01372-002						
Bypass Valve H91MG-7, 1" x 1"	11J28R01372-003						
ELECTRONIC STAGE CONTROLLERS							
T 775 Honeywell (2, 3 Stage)	11J48R02472-004						
Remote Temperature Control (4 Stage)	11J48R02472-004						
Johnson S-350 Modular Stage Controller							
D-350-AA-1 Display Module	11J48R03430						
A-350-AA-1 Setpoint Module	11J48R03427						
S-350-AA-1 Stage Module	11J48R03435						

Notes:

A – Not required with current style pilot burner.

Coil Option [CO] Digit 8
Consult Customer Service Dept. for Replacement DX and Chilled Water Coils

Gas Type [GT] Digit 9

Gas Control [GC] Digit 10
Capacity [CA] - 50 through 12

Capacity [CA]	Double Furnace			Triple Furnace
	50	60	70	80
Item Description	Part No.			12
STANDARD GAS VALVES AND SPARK IGNITION COMPONENTS				
Main Valve, Auto Spark Natural Gas	11J28R03069-003		11J28R00742	
Main Valve, Auto Spark LP Gas			11J28R03069-002	
2 Stage Valve, Auto Spark Natural Gas			11J28R02454-003	
2 Stage Valve, Auto Spark LP Gas			11J28R02454-001	
S8600H Honeywell Ignitor, Natural Gas Lockout			11J28R02721	
S8600M Honeywell Ignitor, LP Gas or Natural Gas			11J28R02722	
Honeywell Pilot Burner Natural Gas R.H.			11J38R04578-001	
Honeywell Pilot Burner Natural Gas L.H.			11J38R07982-001	
Honeywell Pilot Burner LP Gas R.H.			11J38R04578-002	
Honeywell Pilot Burner LP Gas L.H.			11J38R07982-002	
Pilot Tubing			11261R04962-003	
Honeywell 36" Ignition Cable (S8600 Control) ^A			11J38R02848-002	
ELECTRONIC AND MECHANICAL MODULATING GAS CONTROLS				
Maxitrol System MR Valve 410 1/2" NG			N/A	
Maxitrol System MR Valve 410H 1/2" LP			N/A	
Maxitrol System MR Valve 510 3/4" NG			N/A	
Maxitrol System MR Valve 510H 3/4" LP			N/A	
Maxitrol System MR Valve 610 3/4" NG	11J28R00760-004		N/A	
Maxitrol System MR Valve 610H 3/4" LP			11J28R00760-009	
Maxitrol System MR Valve 610 1" NG	N/A		11J28R00760-005	
Maxitrol System Amplifier A1010U			11J28R00855-005	
Maxitrol SCII-B Signal Conditioner			11J28R03716	
Room Sensor - Series 20 and 30 T120			11J13R00856	
Duct Sensor - Series 21 and 31 TS121 and MT1-12			11J13R00859	
Remote Set Pt. - Temp. Selector 21 & 31 TD121			11J13R00858	
Room Override T-stat - 21 and 31 T115			11J13R00857	
Bypass Valve H91DG-7, 1/2" x 1/2"			11J28R01372-001	
Bypass Valve H91LG-7, 3/4" x 3/4"			11J28R01372-002	
Bypass Valve H91MG-7, 1" x 1"			11J28R01372-003	
ELECTRONIC STAGE CONTROLLERS				
T 775 Honeywell (2, 3 Stage)			11J48R02472-004	
Remote Temperature Control (4 Stage)			11J48R02472-004	
Johnson S-350 Modular Stage Controller				
D-350-AA-1 Display Module			11J48R03430	
A-350-AA-1 Setpoint Module			11J48R03427	
S-350-AA-1 Stage Module			11J48R03435	

Notes:

A – Not required with current style pilot burner.

Blower Motors Model Number Digits

Supply Voltage [SV] Digit 11

Motor Type [MT] Digit 12

Motor Size [MS] Digit 13

Supply Voltage		115/1/60 (-001)				208/1/60 (-002)				230/1/60 (-003)			
Motor Type	1	2	3	4	1	2	3	4	1	2	3	4	
	ODP	TE	PEODP	PETE	ODP	TE	PEODP	PETE	ODP	TE	PEODP	PETE	
Motor Size	1/2 HP	00103	00203	00303	00403	00103	00203 ^A	00303 ^A		00103 ^B	00203 ^A	00303 ^A	00403 ^C
	3/4 HP	00104	00204	00304	00404	00104	00204 ^A	00304 ^A		00104 ^B	00204 ^A	00304 ^A	00404 ^C
	1 HP	00105	00205	00305	00405	00105 ^A	00205 ^A			00105 ^A	00205 ^A	00305 ^C	00405 ^C
	1-1/2 HP	00106	00206	00306	00406	00106 ^A	00206 ^A			00106 ^A	00206 ^A	00306 ^C	00406 ^C
	2 HP	00107	00207	00307	00407	00107	00207 ^D			00107 ^C	00207	00307 ^C	00407 ^C
	3 HP	00108	00208			00108 ^A	00208 ^A			00108 ^A	00208 ^A		00408
	5 HP					00109				00109 ^B	00209	00309	
	7-1/2 HP					00110	00210			00110 ^B	00210 ^B		
	10 HP										00211		
15 HP													

Supply Voltage		208/3/60 (-004)				230/3/60 (-005)			
Motor Type	1	2	3	4	1	2	3	4	
	ODP	TE	PEODP	PETE	ODP	TE	PEODP	PETE	
Motor Size	1/2 HP	00103	00203	00303	00403	00103 ^E	00203 ^E	00303 ^E	00403 ^E
	3/4 HP	00104	00204	00304		00104 ^E	00204 ^E	00304 ^E	00404
	1 HP	00105	00205	00305	00405	00105 ^E	00205 ^E	00305 ^E	00405 ^E
	1-1/2 HP	00106	00206	00306	00406	00106 ^E	00206 ^E	00306 ^E	00406
	2 HP	00107		00307	00407	00107 ^E		00307 ^E	00407 ^E
	3 HP	00108		00308	00408	00108 ^E		00308 ^E	00408 ^E
	5 HP			00309	00409			00309 ^E	00409 ^E
	7-1/2 HP			00310	00410			00310 ^E	00410 ^E
	10 HP			00311	00411			00311 ^E	00411 ^E
15 HP			00312	00412			00312 ^E	00412 ^E	

Replacement Motors are ordered according to the following part number format:

11J31R xxxxx - xxx

Indicates Motor Indicates Type/HP Indicates Voltage

Example: Part #11J31R00203-003 indicates a 1/2 HP, Totally Enclosed 230/1/60 volt motor

Supply Voltage		460/3/60 (-006)				575/3/60 (-007)			
Motor Type	1	2	3	4	1	2	3	4	
	ODP	TE	PEODP	PETE	ODP	TE	PEODP	PETE	
Motor Size	1/2 HP	00103 ^E	00203 ^E	00303 ^E	00403 ^E	00103	00203		
	3/4 HP	00104 ^E	00204 ^E	00304 ^E	00404 ^E	00104	00204		
	1 HP	00105 ^E	00205 ^E	00305 ^E	00405 ^E	00105	00205	00305	00405
	1-1/2 HP	00106 ^E	00206 ^E	00306 ^E	00406 ^E			00306	00406
	2 HP	00107 ^E		00307 ^E	00407 ^E			00307	00407
	3 HP	00108 ^E		00308 ^E	00408 ^E			00308	00408
	5 HP			00309 ^E	00409 ^E			00309	00409
	7-1/2 HP			00310 ^E	00410 ^E			00310	00410
	10 HP			00311 ^E	00411 ^E			00311	00411
15 HP			00312 ^E	00412 ^E			00312	00412	

Motor Type Legend:

ODP - Drip Proof
 TE - Totally Enclosed
 PEODP - Premium Efficiency Open Drip Proof
 PETE - Premium Efficiency Totally Enclosed

Notes:

- A – Replacement motor is 115,208,230/1/60; order using -001 suffix.
- B – Replacement motor is 208,230/1/60; order using -002 suffix.
- C – Replacement motor is 115,230/1/60; order using -001 suffix.
- D – Replacement motor is 115,208/1/60; order using -001 suffix.
- E – Replacement motor is 208,230,460/3/60; order using -004 suffix.
- F – Replacement motor is 230,460/3/60; order using -005 suffix.

MAGNETIC STARTERS

Supply Voltage	HP	Motor Type				Supply Voltage	HP	Motor Type			
		ODP	TE	PEODP	PETE			ODP	TE	PEODP	PETE
115/1/60	1/2	-035	-035	-035	-035	208/3/60	1/2	-034	-034	-034	-034
	3/4	-035	-036	-035	-035		3/4	-034	-034	-034	N/A
	1	-035	-036	-035	-035		1	-034	-034	-034	-034
	1-1/2	-036	-036	-036	-036		1-1/2	-034	-034	-034	-035
	2	-038	-038	-036	-036		2	-035	N/A	-035	-035
	3	-038	-038	N/A	N/A		3	-035	N/A	-035	-035
	5	N/A	N/A	N/A	N/A		5	N/A	N/A	-036	-036
	7-1/2	N/A	N/A	N/A	N/A		7-1/2	N/A	N/A	-036	-036
	10	N/A	N/A	N/A	N/A		10	N/A	N/A	-038	-038
15	N/A	N/A	N/A	N/A	15	N/A	N/A	-039	-039		
208/1/60	1/2	-034	-034	-034	N/A	230/3/60	1/2	-034	-034	-034	-034
	3/4	-035	-035	-034	N/A		3/4	-034	-034	-034	-034
	1	-035	-035	N/A	N/A		1	-034	-034	-034	-034
	1-1/2	-036	-035	N/A	N/A		1-1/2	-034	-034	-034	-034
	2	-036	-036	N/A	N/A		2	-035	-035	-035	-035
	3	-036	-036	N/A	N/A		3	-035	N/A	-035	-035
	5	-038	N/A	N/A	N/A		5	N/A	N/A	-036	-036
	7-1/2	-038	-038	N/A	N/A		7-1/2	N/A	N/A	-036	-036
	10	-040	N/A	N/A	N/A		10	N/A	N/A	-038	-038
15	N/A	N/A	N/A	N/A	15	N/A	N/A	-039	-039		
230/1/60	1/2	-034	-034	-034	-034	460/3/60	1/2	-034	-034	-037	-034
	3/4	-035	-035	-034	-034		3/4	-034	-034	-034	-034
	1	-035	-035	-034	-034		1	-034	-034	-034	-034
	1-1/2	-036	-035	-035	-035		1-1/2	-034	-034	-034	-034
	2	-036	-035	-035	-035		2	-034	-035	-034	-034
	3	-036	-036	N/A	-038		3	-035	N/A	-035	-035
	5	-038	-038	-038	N/A		5	N/A	N/A	-035	-035
	7-1/2	-038	-038	N/A	N/A		7-1/2	N/A	N/A	-036	-036
	10	-039	-039	N/A	N/A		10	N/A	N/A	-036	-036
15	N/A	N/A	N/A	N/A	15	N/A	N/A	-036	-036		
<p>Replacement Magnetic Starters are ordered according to the following part number:</p> <p style="text-align: center;">11260R06285-XXX</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">From chart above</p> <p>Magnetic starter kits include contactor and overload.</p> <p>Complete kit required to replace either contactor or overload.</p> <p>For units originally furnished <i>without a Magnetic Starter</i> (Motor Size [MS] A-H), order Contactors 11J10R06276-011</p>						575/3/60	1/2	-037	-037	N/A	N/A
							3/4	-034	-034	N/A	N/A
							1	-034	-034	-034	-034
							1-1/2	N/A	N/A	-034	-034
							2	N/A	N/A	-034	-034
							3	N/A	N/A	-034	-034
							5	N/A	N/A	-035	-035
							7-1/2	N/A	N/A	-035	-035
							10	N/A	N/A	-036	-036
							15	N/A	N/A	-036	-036

Variable Frequency Drives (VFDs) Model Number Digits

Supply Voltage [SV] - [4 through 7] Digit 11

Motor Type [MT] - [3, 4] Digit 12

Motor Size [MS] - [1 through 8] Digit 13

VARIABLE FREQUENCY DRIVES			
Supply Voltage	208-230/3/60	460/3/60	575/3/60
1-2 HP VFD	11J11R08697-001	11J11R08697-002	11J11R08697-003
3-5 HP VFD	11J11R08697-004	11J11R08697-005	11J11R08697-006
7.5 HP VFD	11J11R08697-007	11J11R08697-008	11J11R08697-009
10 HP VFD	11J11R08697-010	11J11R08697-011	11J11R08697-012
15 HP VFD	11J11R08697-013	11J11R08697-014	11J11R08697-015

VFD ACCESSORIES		
Item Description [Acc. Opt. No.]		Part No. (Qty)
VFD Remote Keypad (1-10 HP)	[R3]	11J11R08707
VFD Remote Keypad (15 HP)	[R3]	11J11R08708
CO ₂ Sensor - 100% OA	[R4]	11J11R06571
CO ₂ Sensor - Mixed Air	[R5]	11J11R08754
Pressure Sensor		11J11R08755
Pressure Sensor Transformer 208-230, 575/3/60	[R6]	11J14R03245-010
Pressure Sensor Transformer 460/3/60		11J14R04593-001
2-Speed VFD Relays	[R7]	11J10R03233-001 (2)
3-Speed VFD Relays	[R8]	11J10R03233-001 (3)

VFD ENCLOSURE PARTS [ACCESSORY OPTION R9]		
Item Description	1-5 HP Enclosure	7.5-15 HP Enclosure
	Part No. (Qty)	
VFD Enclosure	11J11R09227	11J11R09209
Fan	11J34R09161	11J34R09161 (2)
Electric Strip Heater	11J09R09158	11J09R09275
Strip Heater Terminal Cover	11J09R09159	
VFD Control Board	11J11R09160	
Inner Panel	11251R09229	11251R09211
Top Drip Shield	11J11R09241	11J11R09216
Screen Assembly	11254R09230	11254R09212
Temperature Sensing Probe	11J11R09200	
Rain Hood Assembly	11254R09331 (2)	11254R09329 (2)
Terminal Block	11J09R03268 (2)	
Enclosure Transformer 208-230/3/60	11J14R04593-013	11J14R04593-016
Enclosure Transformer 460/3/60	11J14R04593-013	11J14R04593-016
Enclosure Transformer 575/3/60	11J14R04593-024	11J14R04593-022

REPLACEMENT BLOWER SECTION DOORS FOR USE WITH VFD ENCLOSURE [R9]	
Item Description	Part No.
Blower Section Door - RH Access, 1-5 HP, w/o Service Convenience Pkg	11536R09318
Blower Section Door - RH Access, 7.5-15 HP, w/o Service Convenience Pkg	11536R09298
Blower Section Door - LH Access, 1-5 HP, w/o Service Convenience Pkg	11536R09343
Blower Section Door - LH Access, 7.5-15 HP, w/o Service Convenience Pkg	11536R09334
Blower Section Door - RH Access, 1-5 HP, for units with Svc Conv. Pkg ^A	11536R09303
Blower Section Door - RH Access, 7.5-15 HP, for units with Svc Conv. Pkg ^A	11536R09338
Blower Section Door - LH Access, 1-5 HP, for units with Svc Conv. Pkg ^A	11536R09286
Blower Section Door - LH Access, 7.5-15 HP, for units with Svc Conv. Pkg ^A	11536R09321

Notes:

A – Service Convenience Package not included with replacement door.

Air Inlet Configuration [AI] Digit 14

Air Control and Damper Arrangement [AC] Digit 15

DAMPER CONTROLS

Item Description	Part No.
Actuator - 2 Position, Spring Return ^a	11J31R00862-001
Crank Arm for 2 Pos., Spring Return Damper Actuator	11J31R00862-001
Actuator - Modulation W/Spring Return M9185A1018	11J31R08275-001
Actuator - Modulation 0-10 VDC and 4-20 MA Input	11J31R02829-003
Actuator - Modulation W/S.R. 0-10 VDC and 4-20 MA Input	11J31R08275-001
Actuator - Modulating W/S350p /SR	11J31R03293
Mixed Air Controller T991A1004	11J13R00921
Minimum Position Potentiometer S963B1136	11J11R01470-005
CO ₂ Monitor	11J11R06571
Interface Unit for Analog Input Q7230A1005	11J11R03286
Damper Linkage Kit ^b 2 Pos. - Spring Return	11256R07136-003
Damper Linkage Kit ^b OA/RA	11256R07136-004

Accessories [AS] Digit 16

ACCESSORIES

Item Description [Accessory Option No.]	Part No.
Moisture Eliminators (per section) 31" 100/150 (3) / (For Over/Under Hood) [A1]	11J27R04272-001 / (-005)
Moisture Eliminators (per section) 42" 200/250 (3) / (For Over/Under Hood) [A1]	11J27R04272-002 / (-006)
Moisture Eliminators (per section) 53" 300/350 (3) / (For Over/Under Hood) [A1]	11J27R04272-003 / (-007)
Moisture Eliminators (per section) 58" 400/300 (3) / (For Over/Under Hood) [A1]	11J27R04272-004 / (-008)
High Pressure Regulator for 0.5-10 PSI (1 per furnace section)	11AS-A7-1/2-1
High Pressure Regulator for 10-20 PSI (1 per furnace section) [A7]	11AS-A7-3/8-1
High Pressure Regulator for 20-35 PSI (1 per furnace section)	11AS-A7-5/16-1
Fill and Drain Kit 115V [C1]	11ASRC1-1
Fill and Drain Kit 208V [C1]	11ASRC1-2
Fill and Drain Kit 230V [C1]	11ASRC1-3
Fill Valve (Evaporative Coolers) 115V [C1]	11J37R01803
Drain Valve (Evaporative Coolers) 115V [C1]	11J37R01804
Fill Valve (Evaporative Coolers) 208V [C1]	11J37R04181
Drain Valve (Evaporative Coolers) 208V [C1]	11J37R04182
Fill Valve (Evaporative Coolers) 230V [C1]	11J37R04184
Drain Valve (Evaporative Coolers) 230V [C1]	11J37R04185
Evaporative Cooler Freezestat without Time Delay [C3]	11J09R03227-001
Time Clock - 7 Day [D1]	11J09R03868-001
Time Clock - 24 Hour [D2]	11J09R03868-002
Pre-Purge Delay, 60 s. (PV Only) [D6]	11AS-D6
Clogged Filter Switch [E1]	11J11R03698
G.F.I. Convenience Outlet [E2]	11ASRE2-EP
Remote Control Panel [E3]	11J11R03860-001
Manual Blower Switch [E4]	11J11R00544
Ductstats - Single Stage [F1]	11J13R00815-002
Ductstats - Two Stage [F2]	11J13R00815-007
Thermostats (Mercury Free) - 1 Stage (Round) [G1]	11AS-G1-EP
- 1 Stage (Round) w/ Guard [G2]	11AS-G2-EP
- 1 Stage w/ Fan Switch [G3]	11AS-G3-EP
- 7-day Programmable [G4]	11AS-G4
- 2 Stage w/ Fan Switch [G5]	11AS-G5-EP
Locking Thermostat Cover [G6]	11AS-G6
Firestat [H1/H2]	11J13R01661
Freezestat with Time Delay [H3]	11J11R04457
Ambient Lockout [H4/H6/H7]	11J13R03227-001
Interlock Relay 24V DPDT [J1]	11J10R03234
Interlock Relay 24V SPDT [J2]	11J10R03233-001
Interlock Relay 24/115 230V DPDT [J3]	11J10R03233-003
Interlock Relay 24V 4PDT [J4]	11J10R03235-001
Socket for J4 Relay [K1]	11J10R03235-002
Manual Reset High Limit Switch [K1]	11J11R03229
Combination Hi/Lo Gas Pressure Switch [for units mfd. prior to 8/7/05] [K2]	11J11R03700-003
Low Gas Pressure Switch (Antunes) [for units mfd. after 8/7/05] [K2]	11J11R03700-004
High Gas Pressure Switch (Antunes) [for units mfd. after 8/7/05] [K2]	11J11R03700-005
Status Lamp - Amber [K3]	11J09R03224-002
Fan Time Delay [K4]	11J11R00366
Air Flow Proving Switch [K5]	11J11R01467-002

PAINT^c

12 oz. Spray Can Sterling Gray/(Cloud - Light Gray)	11512R01395-001/(11512R08249-001)
Gallon Sterling Gray/(Cloud - Light Gray)	11512R01395-002/(11512R08249-002)

Notes:

A – Units with Honeywell actuator M836A1034: when replacing the actuator, you must also order crank arm 11J31R00862-001.

B – Includes: Crank Arm Plate, Ball Joints, Outside and Return Rod Assemblies and Drive Assembly

C – Units manufactured prior to 12/27/2005: Exterior paint color was Sterling Gray. Units manufactured after 12/27/2005: Exterior paint color was Cloud (Light Gray).

Accessories [AS] Digit 16

FILTERS RT-PV-AH

Unit Type/Size		Filter Size & Quantity		Throwaway		Washable (B1)		Pleated (30%) (B4)	
				1"		1"		1"	
		16 x 20	20 x 20	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
STD	10, 15	4		—	—	11J27R00882-003		11J27R03869-004	
	20, 25, 50		4	—	—		11J27R00882-002		11J27R03869-005
	30, 35, 60, 70	4	2	—	—	11J27R00882-003	11J27R00882-002	11J27R03869-004	11J27R03869-005
	40, 80, 12		6	—	—		11J27R00882-002		11J27R03869-005
HCFM	10, 15	8		—	—	11J27R00882-003		11J27R03869-004	
	20, 25, 50		8	—	—		11J27R00882-002		11J27R03869-005
	30, 35, 60, 70	8	4	—	—	11J27R00882-003	11J27R00882-002	11J27R03869-004	11J27R03869-005
	40, 80, 12		12	—	—		11J27R00882-002		11J27R03869-005
Unit Type/Size		Filter Size & Quantity		Throwaway (B3)		Washable (B2)		Pleated (30%) (B5)	
				2"		2"		2"	
		16 x 20	20 x 20	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
STD	10, 15	4		11J27R00956-007		11J27R00883-003		11J27R03869-001	
	20, 25, 50		4		11J27R00956-008		11J27R00883-002		11J27R03869-002
	30, 35, 60, 70	4	2	11J27R00956-007	11J27R00956-008	11J27R00883-003	11J27R00883-002	11J27R03869-001	11J27R03869-002
	40, 80, 12		6		11J27R00956-008		11J27R00883-002		11J27R03869-002
HCFM	10, 15	8		11J27R00956-007		11J27R00883-003		11J27R03869-001	
	20, 25, 50		8		11J27R00956-008		11J27R00883-002		11J27R03869-002
	30, 35, 60, 70	8	4	11J27R00956-007	11J27R00956-008	11J27R00883-003	11J27R00883-002	11J27R03869-001	11J27R03869-002
	40, 80, 12		12		11J27R00956-008		11J27R00883-002		11J27R03869-002

TRANSFORMERS

Item Description	Part No.
115-24V	
50 VA	11J14R03245-001
100 VA	11J14R04593-004
150 VA	11J14R04593-008
250 VA	11J14R04593-012
208-24V	
50 VA	11J14R03245-010
100 VA	11J14R04593-005
150 VA	11J14R04593-009
250 VA	11J14R04593-013
230-24V	
50 VA	11J14R03245-010
100 VA	11J14R04593-005
150 VA	11J14R04593-009
250 VA	11J14R04593-013

Item Description	Part No.
Natural Vent Units Only	
460-24V	
50 VA	11J14R04593-001
100 VA	11J14R04593-005
150 VA	11J14R04593-009
250 VA	11J14R04593-013
460-230V	
500 VA	11J14R04593-017
750 VA	11J14R04593-018
1000 VA	11J14R04593-020
575-230V	
50 VA	11J14R04593-003
100 VA	11J14R04593-007
150 VA	11J14R04593-011
250 VA	11J14R03246-008
500 VA	11J14R03246-016
750 VA	11J14R03246-017
1000 VA	11J14R03246-018

Item Description	Part No.
Step Down For ME and MS Units Only	
230/208-115V	
500 VA	11J14R04593-016
750 VA	11J14R03246-013
208-115V	
1000 VA	11J14R04593-019
230-115V	
1000 VA	11J14R04593-020
Totally Enclosed for Duct Furnace Only	
460-230V	
500 VA	11J14R02832-002
750 VA	11J14R02832-003
1000 VA	11J14R02832-004
1500 VA	11J14R02832-011
575-230V	
50 VA	11J14R02832-008
100 VA	11J14R02832-008
150 VA	11J14R02832-009
500 VA	11J14R02832-006
750 VA	11J14R02832-010
1000 VA	11J14R02832-007

Miscellaneous Replacement Parts

Capacity	10	15	20	25	30	35	40
Item Description	Part No.						
Standard Outside Air Hood w/ Birdscreen ^A	11254R07537-004		11254R07537-008		11254R07537-012		11254R07537-016
Birdscreen Only	11254R07319-004		11254R07319-008		11254R07319-012		11254R07319-016
Moisture Eliminators [A1] (Qty)	11J27R04272-001 (3)		11J27R04272-002 (3)		11J27R04272-003 (3)		11J27R04272-004 (3)
Over/Under Outside Air Hood ^A	11254R07231-004		11254R07231-008		11254R07231-012		11254R07231-016
Standard Damper - Standard / (Low Leak)	11256R07308-004 / (-104)		11256R07308-008 / (-108)		11256R07308-012 / (-112)		11256R07308-016 / (-116)
Over/Under Damper - Standard	11256R07230-004		11256R07230-008		11256R07230-012		11256R07230-016
Main Connection Board				11J11R03273			
Supply Plenum Assembly ^A	11205R08167-004		11205R08167-008		11205R08167-012		11205R08167-016
Access Panel Latch				11J37R03596			
Door Latch (Double Wall)				11J37R07722			
Low Leak Damper Seal Kit (4 Seal pcs./Kit)	11H03R03385-001		11H03R03385-002		11H03R03385-003		11H03R03385-004

Capacity	50	60	70	80	12
Item Description	Part No.				
Standard Outside Air Hood w/ Birdscreen ^A	11254R07537-008		11254R07537-012		11254R07537-016
Birdscreen Only	11254R07319-008		11254R07319-012		11254R07319-016
Moisture Eliminators [A1] (Qty)	11J27R04272-002 (3)		11J27R04272-003 (3)		11J27R04272-004 (3)
Over/Under Outside Air Hood ^A	11254R07231-008		11254R07231-012		11254R07231-016
Standard Damper - Standard / (Low Leak)	11256R07308-008 / (-108)		11256R07308-012 / (-112)		11256R07308-016 / (-116)
Over/Under Damper - Standard	11256R07230-008		11256R07230-012		11256R07230-016
Main Connection Board			11J11R03273		
Dual/Tri Connection Board			11J09R03450		
Supply Plenum Assembly ^A	11205R08167-008		11205R08167-012		11205R08167-016
Access Panel Latch			11J37R03596		
Door Latch (Double wall)			11J37R07722		
Low Leak Damper Seal Kit (4 Seal pcs./Kit)	11H03R03385-002		11H03R03385-003		11H03R03385-004

Evaporative Cooler Replacement Parts

Capacity	10	15	20	25	30	35	40
Item Description	Part No.						
Pump, 115V/460V/575V ^B				11J33R06783-001			
Pump, 208V/230V				11J33R06783-002			
Float Switch				11J37R02405			
Airflow Filter	11J27R03379-004		11J27R03379-008		11J27R03379-012		11J27R03379-016
Media Assembly, CELdek ^C	4 inch	11208R07129-204	11208R07129-208		11208R07129-212		11208R07129-216
	8 inch	11208R07129-004	11208R07129-008		11208R07129-012		11208R07129-016
	12 inch	11208R07129-504	11208R07129-508		11208R07129-512		11208R07129-516
Media Assembly, GLASdek ^C	4 inch	11208R07129-304	11208R07129-308		11208R07129-312		11208R07129-316
	8 inch	11208R07129-104	11208R07129-108		11208R07129-112		11208R07129-116
	12 inch	11208R07129-604	11208R07129-608		11208R07129-612		11208R07129-616
Distribution Pad, CELdek	8 inch	11J37R03803-004	11J37R03803-008		11J37R03803-012		11J37R03803-016
	12 inch	11J37R03804-504	11J37R03804-508		11J37R03804-512		11J37R03804-516
Distribution Pad, GLASDEK	8 inch	11J37R05023-104	11J37R05023-108		11J37R05023-112		11J37R05023-116
	12 inch	11J37R05023-604	11J37R05023-608		11J37R05023-612		11J37R05023-616

Capacity	50	60	70	80	12
Item Description	Part No.				
Pump, 115V/460V/575V ^B			11J33R06783-001		
Pump, 208V/230V			11J33R06783-002		
Float Switch			11J37R02405		
Airflow Filter	11J27R03379-008		11J27R03379-012		11J27R03379-016
Media Assembly, CELdek ^C	4 inch	11208R07129-208	11208R07129-212		11208R07129-216
	8 inch	11208R07129-008	11208R07129-012		11208R07129-016
	12 inch	11208R07129-508	11208R07129-512		11208R07129-516
Media Assembly, GLASdek ^C	4 inch	11208R07129-308	11208R07129-312		11208R07129-316
	8 inch	11208R07129-108	11208R07129-112		11208R07129-116
	12 inch	11208R07129-608	11208R07129-612		11208R07129-616
Distribution Pad, CELdek	8 inch	11J37R03803-008	11J37R03803-012		11J37R03803-016
	12 inch	11J37R03804-508	11J37R03804-512		11J37R03804-516
Distribution Pad, GLASDEK	8 inch	11J37R05023-108	11J37R05023-112		11J37R05023-116
	12 inch	11J37R05023-608	11J37R05023-612		11J37R05023-616

Notes:

A – Units manufactured prior to 12/27/05 exterior paint color was Sterling Gray. Units manufactured between 12/27/05 and 05/31/23, if painted, paint color was Cloud (Light Gray). ALL EXTERNAL PANEL ORDERS MUST SPECIFY WHICH PAINT COLOR, IF REQUIRED.

B – 460V/575V use step down transformers to 115V.

C – The 4" media sub-assemblies are part of the replacements for the 12" section, which includes two rows of media (one 4", one 8"). The 4" media sections are nearest the intake filter, and the 8" section is downstream of these sections (thus the 12" sections now consist of one 4" and one 8" row of media). Replacements for the 8" sections may also utilize two 4" row sections. Order as required.

Replacement Parts - Standard Blower Modules†

Capacity [CA] - [10 through 80]

Rooftop (RT/PV) Arrangements [RA] - [B, C, D, E]

Air Handler (AH) Arrangements [RA] - [M, N, P, R]

Make-Up Air (ME/MS) Arrangements [IA] - [B, D]

Replacement Part No.	Unit Capacity	Part Description	Quantity	References See Note:
11253R07651-001	10, 15	Standard Blower Assembly Kit	1	A1
11253R07651-002	20, 25, 50		1	A1
11253R07651-003	30, 60		1	A2
11253R07651-004	35, 40, 70, 80		1	A2
11J35R03610-001	10,15,30,60	Blower Housing Sub-Assembly	*	B
11J35R03610-002	20,25,35,40,50,70,80	Blower Housing Sub-Assembly	*	B
11253R07650-001	10 through 80	Bearing Stop	*	—
11J42R00433-009	10 through 80	Bearing, 1" Inner Diameter	*	—
11J35R07582-001	10,15,20,25,50	Shaft, 1" Diameter, L=23"	1	—
11J35R07582-002	30,35,40,60,70,80	Shaft, 1" Diameter, L=45"	1	—
11J11R03663	All	Blower Safety (Door) Switch	1	—

Notes:

† 5 HP (184T frame) motor maximum.

* Individual Parts Order Only.

A1) This Standard Blower Assembly Kit includes: (1) blower housing with mounted bearing support brackets; (1) blower wheel; (2) bearings; (1) shaft; (2) vertical housing support brackets; (2) bearing stops.

A2) This Standard Blower Assembly Kit includes: (2) blower housings with mounted bearing support brackets; (2) blower wheels; (2) bearings; (1) shaft; (4) vertical housing support brackets; (2) bearing stops.

B) The Blower Housing Sub-Assemblies include: (1) blower housing with mounted bearing support brackets and (1) blower wheel.

Replacement Parts - High CFM Blower Modules

For Units Manufactured Prior to 9/5/05 with Single Pillow Block Bearing Frames

Capacity [CA] - [10 through 12]

Rooftop (RT/PV) Arrangements [RA] - [G, J, K, L]

Air Handler (AH) Arrangements [RA] - [S, T, U, W]

Make-Up Air (ME/MS) Arrangements [IA] - [G, K]

Replacement Part No.	Unit Capacity	Part Description	Quantity	References See Note:
11253R07658-001	10, 15	High CFM Blower Assembly Kit	1	A1
11253R07658-002	20, 25, 50	Blower Assembly Kit	1	A1
11253R07658-003	30, 60	High CFM Blower Assembly Kit (5 HP Motor Maximum)	1	A2
11253R07658-004	35, 40, 70, 80, 12		1	A2
11253R07659-001	30, 60	High CFM Blower Assembly Kit (7-1/2, 10 & 15 HP Motors Only)	1	A3
11253R07659-002	20, 25, 50		1	A4
11253R07659-003	35, 40, 70, 80, 12		1	A3
11J35R03610-001	10, 15	High CFM Blower Sub-Assembly	*	B
11J35R03610-003	30, 60		*	B
11J35R03610-004	20,25,35,40,50,70,80,12		*	B
11253R07650-001	10, 15	Bearing Stop	*	F
11253R07650-002	20,25,30,35,40,70,80,12		*	F
11J42R00433-009	10, 15	Bearing, 1" Inner Diameter	*	—
11J42R00433-006	20 through 12	Bearing, 1-3/16" Inner Diameter (For Units with 15 HP Motors Max.)	*	—
11J42R04355-001	25,30,35,40,50,60,70,80,12	Pillow Block Bearing (For Units with 7-1/2, 10 & 15 HP Motors Only)	*	—
11J35R07582-001	10,15	Shaft, 1" Diameter, L=23"	1	—
11J35R07521-001	20, 25, 50	Shaft, 1-3/16" Diameter, L=23"	1	—
11J35R07521-002	30,35,40,60,70,80,12	Shaft, 1-3/16" Diameter, L=45"	1	—
11J11R03663	All	Blower Safety (Door) Switch	1	—
11253R07277	All	Pillow Block Frame	1	—

Notes:

* Individual Parts Order Only.

A1) This High CFM Blower Assembly Kit includes: (1) blower housing with mounted bearing support brackets; (1) blower wheel; (2) bearings; (1) shaft; (2) vertical housing support brackets; (2) bearing stops.

A2) This Standard Blower Assembly Kit includes: (2) blower housings with mounted bearing support brackets; (2) blower wheels; (2) bearings; (1) shaft; (4) vertical housing support brackets; (2) bearing stops.

A3) This High CFM Blower Assembly Kit includes: (2) blower housings with mounted bearing support brackets; (2) blower wheels; (1) bearing; (1) pillow block bearing; (1) shaft; (3) vertical housing support brackets; (1) blower/pillow block bearing support bracket; (1) bearing stop.

A4) This High CFM Blower Assembly Kit includes: (1) blower housing with mounted bearing support brackets; (1) blower wheel; (1) bearing; (1) pillow block bearing; (1) shaft; (1) vertical housing support bracket; (1) blower/pillow block bearing support bracket; (1) bearing stop.

B) The High CFM Blower Housing Sub-Assemblies include: (1) blower housing with mounted bearing support brackets and (1) blower wheel.

F) One Bearing Stop Only.

Replacement Parts - High CFM Blower Modules

For Units Manufactured After 9/5/05 with Dual Pillow Block Bearing Frames

Capacity [CA] - [10 through 12]
Rooftop (RT/PV) Arrangements [RA] - [G, J, K, L]
Air Handler (AH) Arrangements [RA] - [S, T, U, W]
Make-Up Air (ME/MS) Arrangements [IA] - [G, K]

Replacement Part No.	Unit Capacity	Part Description	Quantity	References See Note:
11253R07658-001	10, 15	High CFM Blower Assembly Kit	1	A1
11253R07658-002	20, 25, 50		1	A1
11253R07658-003	30, 60	High CFM Blower Assembly Kit (5 HP Motor Maximum)	1	A2
11253R07658-004	35, 40, 70, 80, 12		1	A2
11253R08240-001	30, 60	High CFM Blower Assembly Kit (7-1/2, 10 & 15 HP Motors Only)	1	A5
11253R08240-002	20, 25, 50		1	A6
11253R08240-003	35, 40, 70, 80, 12		1	A5
11J35R03610-001	10, 15	High CFM Blower Sub-Assembly	*	B
11J35R03610-003	30, 60		*	B
11J35R03610-004	20,25,35,40,50,70,80,12		*	B
11253R07650-001	10, 15		*	F
11253R07650-002	20,25,30,35,40,70,80,12	Bearing Stop	*	F
11J42R00433-009	10, 15	Bearing, 1" Inner Diameter	*	—
11J42R00433-006	20 through 12	Bearing, 1-3/16" Inner Diameter (For Units with 10 HP Motors Max.)	*	—
11J42R04355-001	30,35,40,60,70,80,12	Pillow Block Bearing (For Units with 7-1/2, 10 & 15 HP Motors Only)	*	—
11J35R07582-001	10,15	Shaft, 1" Diameter, L=23"	1	—
11J35R07521-001	20, 25, 50	Shaft, 1-3/16" Diameter, L=23"	1	—
11J35R07521-002	30,35,40,60,70,80,12	Shaft, 1-3/16" Diameter, L=45"	1	—
11J11R03663	All	Blower Safety (Door) Switch	1	—
11253R07277	All	Pillow Block Frame	2	—

Notes:

* Individual Parts Order Only.

A1) This High CFM Blower Assembly Kit includes: (1) blower housing with mounted bearing support brackets; (1) blower wheel; (2) bearings; (1) shaft; (2) vertical housing support brackets; (2) bearing stops.

A2) This Standard Blower Assembly Kit includes: (2) blower housings with mounted bearing support brackets; (2) blower wheels; (2) bearings, (1) shaft; (4) vertical housing support brackets; (2) bearing stops.

A5) This High CFM Blower Assembly Complete Kit includes: (2) blower housings with mounted bearing support brackets; (2) blower wheels; (2) pillow block bearings; (1) shaft; (2) vertical housing support brackets; (2) blower/pillow block bearing support brackets.

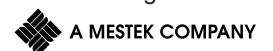
A6) This High CFM Blower Assembly Complete Kit includes: (1) blower housing with mounted bearing support brackets; (1) blower wheel; (2) pillow block bearings; (1) shaft, (2) blower/pillow block bearing support brackets.

B) The High CFM Blower Housing Sub-Assemblies include: (1) blower housing with mounted bearing support brackets and (1) blower wheel.

F) One Bearing Stop Only.



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IMPORTANT
WHEN ORDERING REPLACEMENT PARTS,
PLEASE SPECIFY MODEL NO. AND SERIAL NO.



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IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a replacement purchase order for the item along with the model and serial number of the unit which experienced failure.
- Complete a Return Goods Authorization (R.G.A.) request form and submit with replacement purchase order. Complete description of failure is required; “defective” is not acceptable.
- Your replacement purchase order will be entered and an R.G.A., with instructions on how and where to send the defective parts, will be emailed to the email address listed on the R.G.A. request form submitted.
- Your replacement parts order will ship and invoice. The invoice will list the R.G.A number and state: “an R.G.A. has been issued.”
- Returned goods must ship back within 30 days from date of R.G.A. If we do not receive the parts within 30 days, the RGA will be voided. Parts returned and found to be valid under warranty will be credited for parts only. If our inspection reveals that the parts returned are in a non-warranty condition, no credit will be issued. Freight is not covered under warranty.

In order to ensure the orderly processing of your warranty claim, it is **MANDATORY** that certain paper work accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to ensure proper handling of these goods, we insist that under all circumstances we must formally authorize the return of material to our various facilities. Any material returned without authorization will not be accepted.

In order to ensure that your properly authorized returns are accepted at our plant, we ask that you clearly mark any and all shipping papers with an R.G.A. number; we will not accept shipments that do not clearly show R.G.A. number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid.
Collect Shipments will not be accepted.**

CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY REPLACEMENT
PARTS NOT LISTED IN THIS PUBLICATION. LIMITED AVAILABILITY ON
CERTAIN OBSOLETE EQUIPMENT.

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XF SERIES

CONVERTIBLE VENTING TYPE

TUBULAR PROPELLER UNIT HEATERS

UNIT NUMBER DESCRIPTION

<i>Digit</i>	T	X	X	X	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	+	
<i>Item</i>	Prefix					UT		CA			FT	FM	GT	AL	GC	SV	MT	MS		AS	
	<small>(Internal Use Only)</small>																				

1,2 - Unit Type [UT]

XF - Convertible Venting, Tubular Propeller

3,4,5 - Capacity [CA]

- 100 - 100,000 BTU/HR
- 125 - 125,000 BTU/HR
- 150 - 150,000 BTU/HR
- 175 - 175,000 BTU/HR
- 200 - 200,000 BTU/HR
- 250 - 250,000 BTU/HR
- 300 - 300,000 BTU/HR
- 350 - 350,000 BTU/HR
- 400 - 400,000 BTU/HR

6 - Furnace Type [FT]

A - Right Hand Access

7 - Heat Exchanger (Furnace) Material [FM]

- 1 - Standard (Aluminized) Steel
- 2 - 409 Stainless Steel

8 - Gas Type [GT]

- N - Natural Gas
- P - Propane Gas (LP)

9 - Altitude [AL]

- S - 0-4,999 ft.
- T - 5,000-11,999 ft.

Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Direct Spark Gas Control [GC]

- 1 - Single Stage
- 2 - Two Stage
- 3 - Electronic Modulation w/Room Sensing
- 6 - Electronic Modulation w/External 4-20 mA Input
- 7 - Electronic Modulation w/External 0-10 VDC Input

11 - Supply Voltage [SV]

- 1 - 115/1/60
- 2 - 208/1/60
- 3 - 230/1/60
- 4 - 208/3/60
- 5 - 230/3/60
- 6 - 460/3/60
- 7 - 575/3/60
- Z - Special

Note: Supply Voltages [SV] 2-7 include step down transformer. Transformer is field mounted on propeller unit types.

12 - Motor Type [MT]

- 1 - Open Drip Proof (Standard)
- 2 - Totally Enclosed

13 - Blower Motor Sizes [MS]

0 - None/Not Applicable

14+ - Accessories [AS]

FACTORY INSTALLED

- M6 - OSHA Type Fan Guard
- P4 - Terminal Block Wiring
- P6 - Summer/Winter Switch
- S3 - 409 Stainless Steel Flue Collector
- S5 - 304L Stainless Steel Burners

† FIELD INSTALLED (11AS-____)

† All Field Installed Accessories are to be entered as a separate line item using the catalog number which places "11AS" as a prefix. i.e. G3 becomes 11AS-G3.

A7 - High Pressure Regulator

- A7-1/2-1 - Regulator for 0.5-10 PSI
- A7-3/8-1 - Regulator for 10-20 PSI
- A7-5/16-1 - Regulator for 20-35 PSI

G1 - 1-Stage Mercury Free Thermostat (Round)

- G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
- G3 - 1-Stage Mercury Free Thermostat w/Fan Switch
- G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
- G6 - Locking Thermostat Cover
- G9 - 1-Stage Mercury Free Heating Only Thermostat
- GW - WiFi Thermostat TH8321WF1001/U

H5 - Low Ambient Control

M2-2 - Vent Caps (5") (Unit Capacity 100-250)

M2-3 - Vent Caps (6") (Unit Capacity 300-400)

M7-TUB - 2 to 4 Point Suspension Kit

P5 - 24V SPST Relay-Specify Purpose

Q1 - Y-Splitter Nozzle

X2 - 30 Degree Downturn Nozzle

X3 - 60 Degree Downturn Nozzle

X4 - 90 Degree Downturn Nozzle

X5 - Vertical Louver Kit

X7-H5 - Horiz. Combustion Air Inlet Kit, 5 inch (Unit Capacity 100-250)

X7-H6 - Horiz. Combustion Air Inlet Kit, 6 inch (Unit Capacity 300-400)

X7-V5 - Vert. Combustion Air Inlet Kit, 5 inch (Unit Capacity 100-250)

X7-V6 - Vert. Combustion Air Inlet Kit, 6 inch (Unit Capacity 300-400)

XF SERIES 100-400 MBH REPLACEMENT PARTS

Figure 1 – Front View

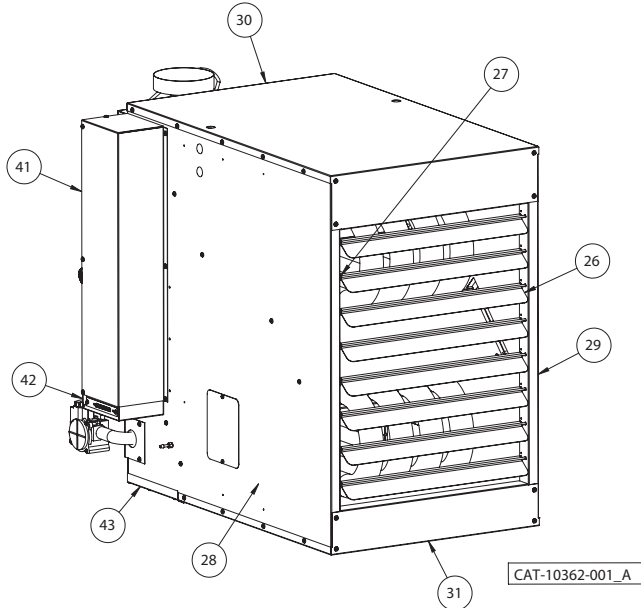


Figure 2 – Rear View

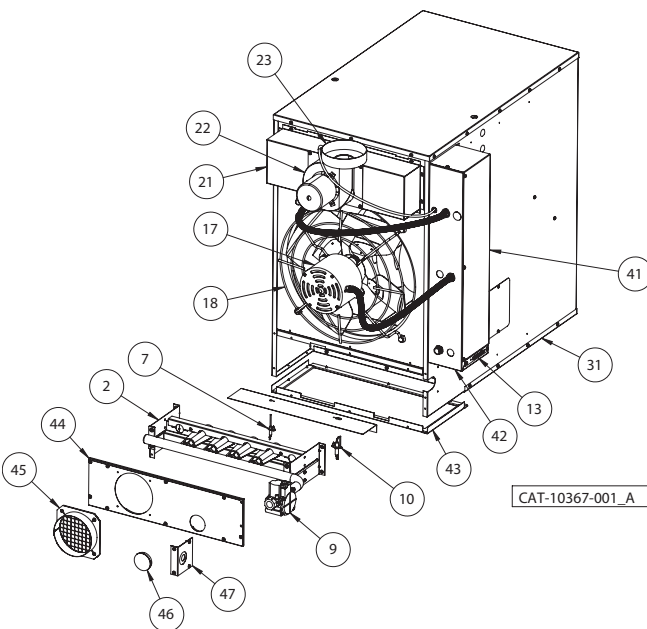
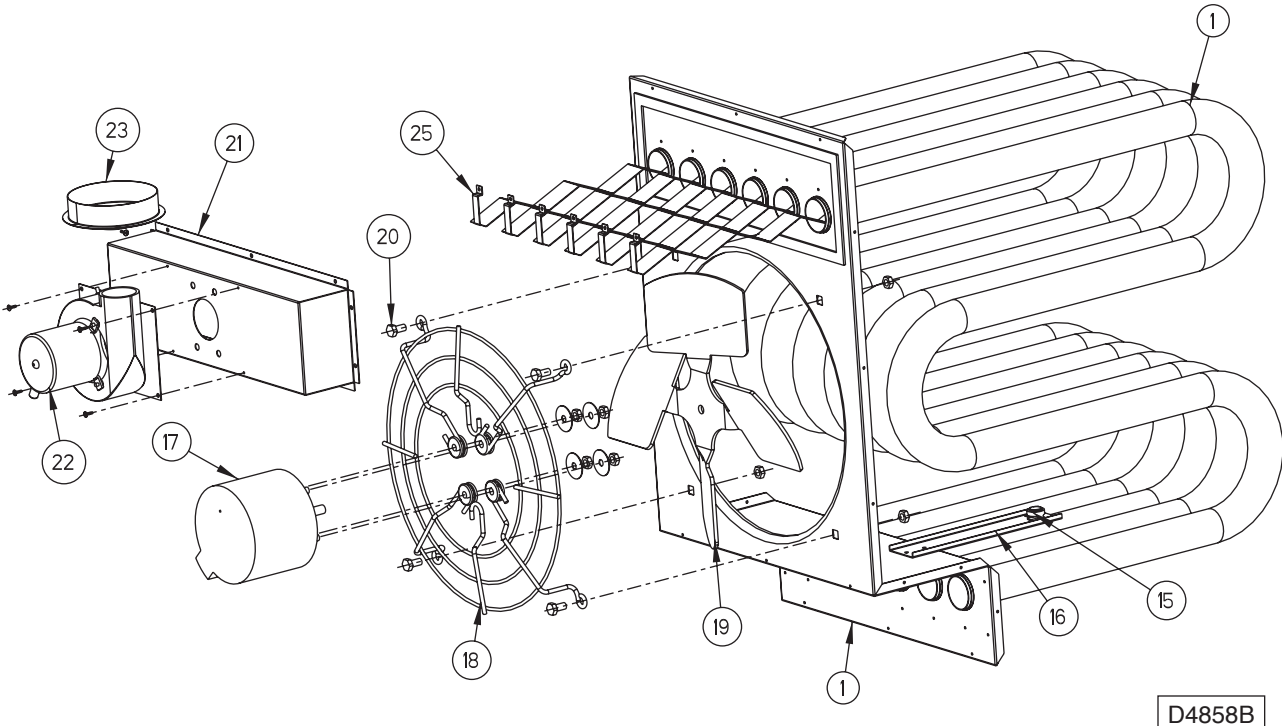


Figure 3 – Exploded View - Less Jacketry and Controls



XF SERIES 100-400 MBH REPLACEMENT PARTS

**Figure 4 – Vestibule Panel/Tube Assembly
(Heat Exchanger)**

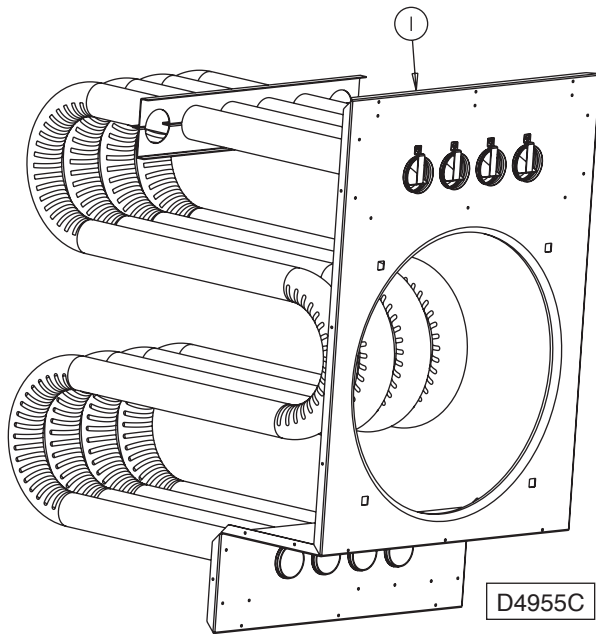


Figure 5 – Electrical Control Panel

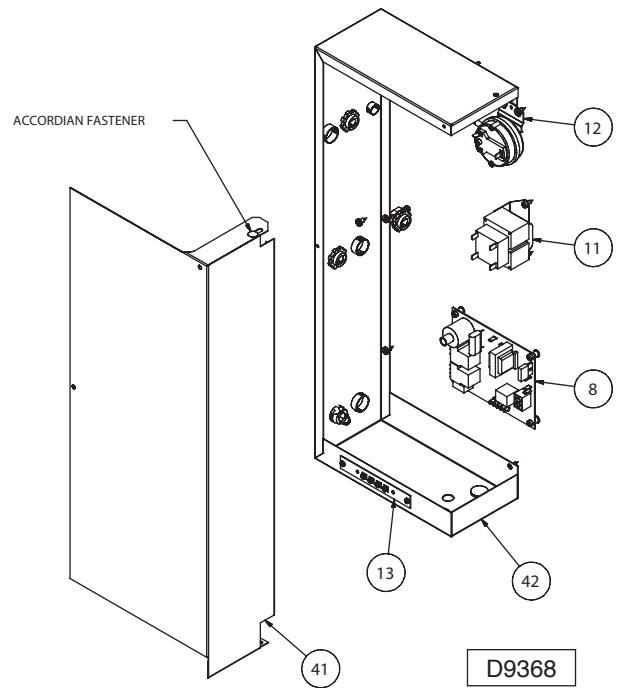
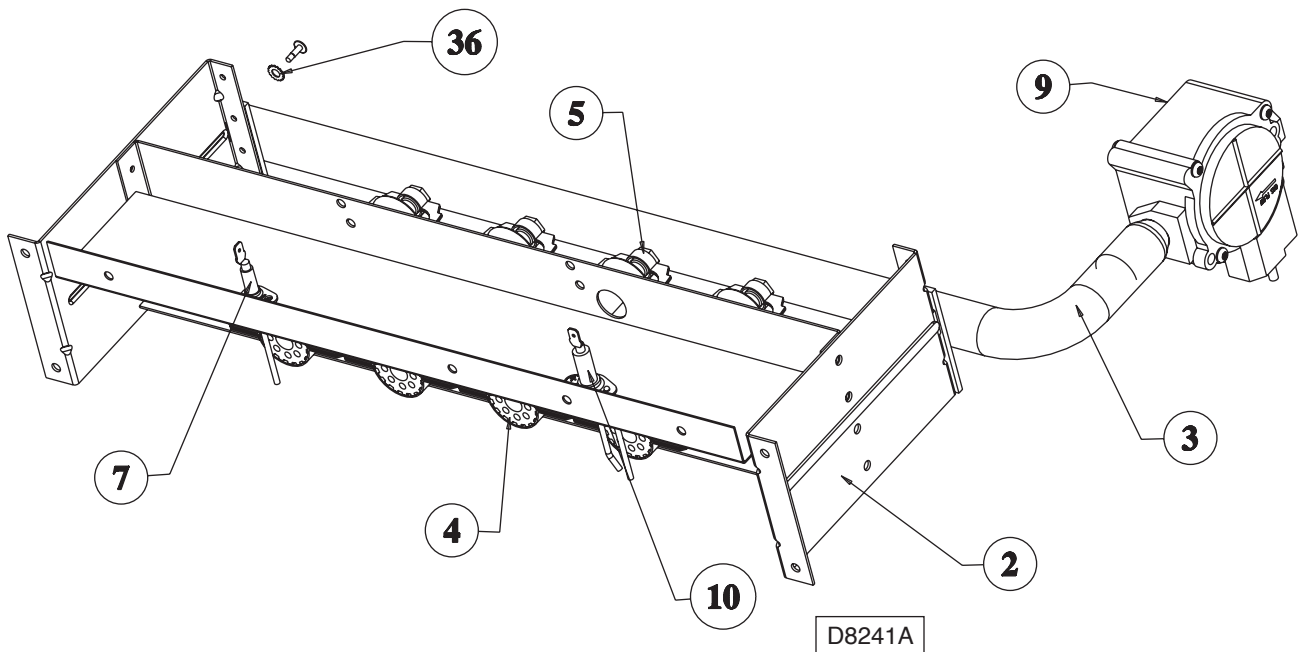


Figure 6 – Manifold Burner Assembly



XF SERIES 100-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)		100	125
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER MODEL		4	5
	ITEM DESCRIPTION		PART NO.	
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ¹	Aluminized Steel	11507R04567-004	11507R04568-004
		409 Stainless Steel	11507R04567-104	11507R04568-104
2	Manifold Bracket Sub-Ass'y		11261R04965-004	
3	Manifold		11J37R04277	11J37R04278
4	Inshot Burner	Aluminized Steel	11J37R03935	11J37R03935
		304L Stainless Steel	11J37R06754	11J37R06754
5	Standard Orifice	Natural Gas (#42)	11J36R04694-028	11J36R04694-028
		Propane (LP) Gas (#53)	11512R08532-013	11512R08532-013
7	Flame Sensor		11J38R06890-003	
8	Control Board		11J28R06881	
9	Direct Spark Gas Valve, Single Stage	Natural Gas	11J28R06892-001	
		Propane (LP) Gas	11J28R06892-002	
	Direct Spark Gas Valve, Two Stage	Natural Gas	11J28R06894-001	
		Propane (LP) Gas	11J28R06894-002	
10	Spark Ignitor		11J38R06891-001	
11	Transformer, 50 VA, 115/24		11J14R03245-012	
12	Air Pressure Switch	Std Alt (0-4,999 ft)	11J11R06778-003	
		High Alt (5,000 ft+)	11J11R06778-005	
13	Terminal Block Plate		11J11R04609	
15	High Limit Switch [Qty. Req'd per Capacity]		11J11R00306-002 [1]	
16	High Limit Bracket [Qty. Req'd per Capacity]		11252R04469 [1]	
17	Fan Motor [Qty. Req'd per Capacity]	Open Drip Proof	11J31R04092-002 [1]	11J31R04093-002 [1]
		Totally Enclosed	11J31R03086 [1]	11J31R01694 [1]
18	Standard Fan Guard [Qty. Req'd per Capacity] ²		11253R01873-001 [1]	
	OSHA Fan Guard [Qty. Req'd per Capacity] incl. Motor Mounting Plate		11M32R06163 [1]	
19	Fan Blade [Qty. Req'd per Capacity]		11J34R06999-104 [1]	
20	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]		11261R04963-002 [1]	
21	Flue Collector ³	Aluminized Steel	11507R03918-004	11507R03918-005
		409 Stainless Steel	11507R03918-104	11507R03918-105
22	Power Vent (Drafter) Assembly		11J35R04700	
23	Flue Collar Assembly		11257R05062	
25	Turbulator ¹		11501R03893	11501R03893
26	Louver [8 Req'd per Model]		11257R04587-108	
27	Louver Spring [8 Req'd per Model]		11J26R01960	
28	Right Side Jacket Panel w/ Insulation		11251R10349	
29	Left Side Jacket Panel w/ Insulation		11251R08909-10L	
30	Top Jacket Panel w/ Insulation		11251R06364-004	
31	Bottom Jacket Panel w/ Insulation		11251R10353-004	
36	Washer (4 per Unit)		11J24R00326-005	
41	Electrical Control Box Cover	Single or Two Stg Gas Control	11257R03888	
		Modulating Gas Control	11257R08990	
42	Electrical Control Box Base (Wrapper)	Single or Two Stg Gas Control	11257R03889	
		Modulating Gas Control	11257R08991	
43	Bottom Burner Panel Assembly		11257R10346-004	
44	Rear Cover Panel Assembly		11257R10347-004	
45	Inlet Air Collar Assembly [Qty. Req'd per Capacity]		11251R10355 [1]	
46	Viewport Plug		11J07R08348-001	
47	Manifold Sealing Bracket Assembly		11257R10351-004	
N/S	Vinyl Tubing (Pressure Switch)		11261R04964-002	
N/S	Green Ground Screw		11J21R01287	
N/S	Molex Connector Assembly		11J11R06887-001	
N/S	Ignition Cable - 36 Inches Long		11J28R06971-002	
N/S	Contactora, 115V		N/A	

Notes:

1. Turbulators are included in Vestibule Panel/Tube Assembly (Heat Exchanger).
2. Standard Fan Guards for unit capacities 175-400 MBH include motor mounting plate.
3. When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV sealant.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable, Opt¹ - Optional Equipment

150	175	200	250	300	350	400	ITEM NO.
6	7	8	10	12	14	16	
PART NO.							
11507R04569-004	11507R04570-004	11507R04571-004	11507R04572-004	11507R04573-004	11507R04574-004	11507R04575-004	1
11507R04569-104	11507R04570-104	11507R04571-104	11507R04572-104	11507R04573-104	11507R04574-104	11507R04575-104	
11261R04965-004	11261R04965-007			11261R04965-012			2
11J37R04278	11J37R04279		11J37R04280	11J37R04281	11J37R04282	11J37R04283	3
11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	4
11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	
11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	5
11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	
11J38R06890-003							7
11J28R06881							8
11J28R06892-001				11J28R06893-001			9
11J28R06892-002				11J28R06893-002			
11J28R06894-001				11J28R06895-001			
11J28R06894-002				11J28R06895-002			
11J38R06891-001							10
11J14R03245-012							11
11J11R06778-003	11J11R06778-004			11J11R06778-003			12
11J11R06778-005	11J11R06778-006			11J11R06778-005			
11J11R04609							13
11J11R00306-002 [1]				11J11R00306-002 [2]			15
11252R04469 [1]				11252R04469 [2]			16
11J31R04093-002 [1]	11J31R04094-002 [1]			11J31R04093-002 [2]	11J31R04094-002 [2]		17
11J31R01694 [1]				11J31R01694 [2]			
11253R01873-001 [1]	11253R01874-T01 [1]			11253R01873-T01 [2]	11253R01874-T01 [2]		18
11M32R06163 [1]	11M32R08291 [1]			11M32R06163 [2]	11M32R08291 [2]		
11J34R06999-104 [1]	11J34R06999-105 [1]	11J34R06999-112 [1]		11J34R06999-104 [2]	11J34R06999-105 [2]	11J34R06999-112 [2]	19
11261R04963-002 [1]				11261R04963-002 [2]			20
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R08997-016	21
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R08997	
11J35R04700	11J35R04581			11507R04595			22
11257R05062	11507R04532			11507R04600			23
11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	25
11257R04587-108	11257R04587-109			11257R04587-110			26
11J26R01960							27
11251R10349							28
11251R08909-10L							29
11251R06364-004	11251R06364-007			11251R06364-012			30
11251R10353-004	11251R10353-007			11251R10353-012			31
11J24R00326-005							36
11257R03888							41
11257R08990							
11257R03889							
11257R08991							42
11257R10346-004	11257R10346-007			11257R10346-012			43
11257R10347-004	11257R10347-007			11257R10347-012			44
11251R10355 [1]				11251R10355 [2]			45
11J07R08348-001							46
11257R10351-004				11257R10351-012			47
11261R04964-002	11261R04964-003			11261R04964-004			N/S
11J21R01287							N/S
11J11R06887-001							N/S
11J28R06971-002							N/S
N/A					11J10R06276-015		N/S

XC SERIES CONVERTIBLE VENTING TYPE TUBULAR UNIT HEATERS UNIT NUMBER DESCRIPTION

Digit	T	X	X	X	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	+	
Item	Prefix					UT		CA			FT	FM	GT	AL	GC	SV	MT	MS		AS	
	<small>(Internal Use Only)</small>																				

1,2 - Unit Type [UT]

XC - Convertible Venting, Tubular Blower

3,4,5 - Capacity [CA]

- 100 - 100,000 BTU/HR
- 125 - 125,000 BTU/HR
- 150 - 150,000 BTU/HR
- 175 - 175,000 BTU/HR
- 200 - 200,000 BTU/HR
- 250 - 250,000 BTU/HR
- 300 - 300,000 BTU/HR
- 350 - 350,000 BTU/HR
- 400 - 400,000 BTU/HR

6 - Furnace Type [FT]

A - Right Hand Access

7 - Heat Exchanger (Furnace) Material [FM]

- 1 - Standard (Aluminized) Steel
- 2 - 409 Stainless Steel

8 - Gas Type [GT]

- N - Natural Gas
- P - Propane Gas (LP)

9 - Altitude [AL]

- S - 0-4,999 ft.
- T - 5,000-11,999 ft.

Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Direct Spark Gas Control [GC]

- 1 - Single Stage
- 2 - Two Stage
- 3 - Electronic Modulation w/Room Sensing
- 4 - Electronic Modulation w/Duct Sensing
- 5 - Electronic Modulation w/Duct Sensing & Room Override Stat
- 6 - Electronic Modulation w/External 4-20 mA Input
- 7 - Electronic Modulation w/External 0-10 VDC Input

11 - Supply Voltage [SV]

- | | |
|--------------|--------------|
| 1 - 115/1/60 | 5 - 230/3/60 |
| 2 - 208/1/60 | 6 - 460/3/60 |
| 3 - 230/1/60 | 7 - 575/3/60 |
| 4 - 208/3/60 | Z - Special |

Note: Supply Voltages [SV] 2-7 include step down transformer. Transformer is factory mounted on blower unit types.

12 - Motor Type [MT]

- 1 - Open Drip Proof (Standard)
- 2 - Totally Enclosed
- 3 - Premium Efficiency, Open Drip Proof
- 4 - Premium Efficiency, Totally Enclosed

13 - Blower Motor Sizes [MS]**

- | | |
|--------------------------|---------------------------------|
| A - 1/4 HP w/Contactor | P - 1/2 HP w/Magnetic Starter |
| C - 1/2 HP w/Contactor | R - 3/4 HP w/Magnetic Starter |
| D - 3/4 HP w/Contactor | S - 1 HP w/Magnetic Starter |
| F - 1 HP w/Contactor | T - 1-1/2 HP w/Magnetic Starter |
| G - 1-1/2 HP w/Contactor | U - 2 HP w/Magnetic Starter |
| H - 2 HP w/Contactor | W - 1/4 HP w/Magnetic Starter |
| J - 1/4 HP | 0 - None/Not Applicable |
| L - 1/2 HP | |

***Notes: 1. All 3-phase units [SV = 4, 5, 6, 7] include a contactor as standard.
 2. All single phase units [SV = 1, 2, 3] include a contactor for units equipped with 3/4 HP. motor or higher [MS = D, F, G, H]
 3. [MS] options J, L only available with [SV] option 1 (115/1/60).*

14+ - Accessories [AS]

FACTORY INSTALLED

- M8 - Discharge Duct Flange
- P4 - Terminal Block Wiring
- P6 - Summer/Winter Switch
- S3 - 409 Stainless Steel Flue Collector
- S5 - 304L Stainless Steel Burners

† FIELD INSTALLED (11AS-____)

† All Field Installed Accessories are to be entered as a separate line item using the catalog number which places "11AS" as a prefix. i.e. G3 becomes 11AS-G3.

A7 - High Pressure Regulator

- A7-1/2-1 - Regulator for 0.5-10 PSI
- A7-3/8-1 - Regulator for 10-20 PSI
- A7-5/16-1 - Regulator for 20-35 PSI

F1 - 1-Stage T675A Ductstat

F2 - 2-Stage T678A Ductstat

G1 - 1-Stage Mercury Free Thermostat (Round)

- G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
- G3 - 1-Stage Mercury Free Thermostat w/Fan Switch
- G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
- G6 - Locking Thermostat Cover
- G9 - 1-Stage Mercury Free Heating Only Thermostat
- GW - WiFi Thermostat TH8321WF1001/U

H5 - Low Ambient Control

M2-2 - Vent Caps (5") (Unit Capacity 100-250)

M2-3 - Vent Caps (6") (Unit Capacity 300-400)

P5 - 24V SPST Relay-Specify Purpose

Q1 - Y-Splitter Nozzle

X2 - 30 Degree Downturn Nozzle

X3 - 60 Degree Downturn Nozzle

X4 - 90 Degree Downturn Nozzle

X5 - Vertical Louver Kit

X7-H5 - Horiz. Combustion Air Inlet Kit, 5 inch (Unit Capacity 100-250)

X7-H6 - Horiz. Combustion Air Inlet Kit, 6 inch (Unit Capacity 300-400)

X7-V5 - Vert. Combustion Air Inlet Kit, 5 inch (Unit Capacity 100-250)

X7-V6 - Vert. Combustion Air Inlet Kit, 6 inch (Unit Capacity 300-400)

XC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 7 – Front View

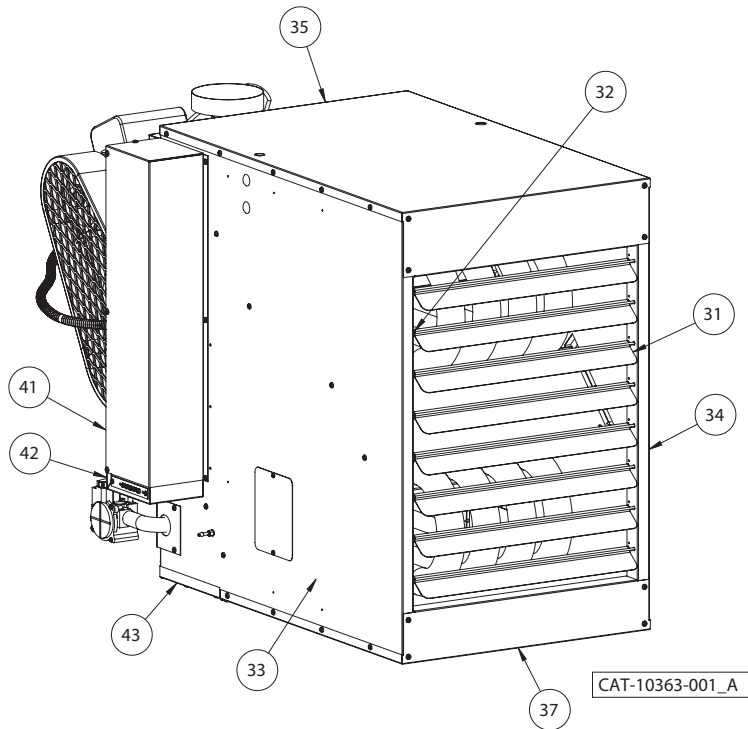
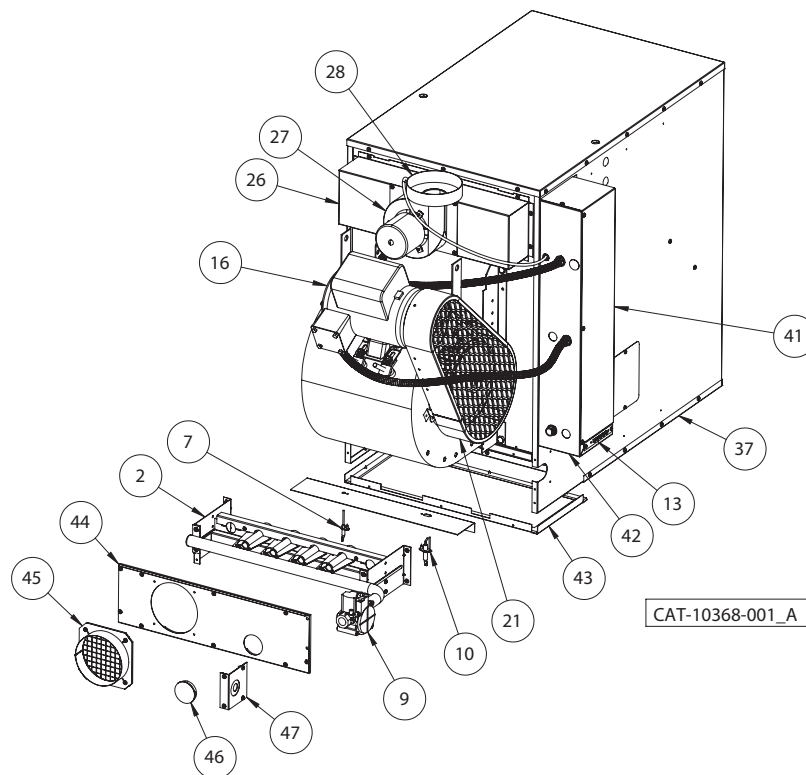


Figure 8 – Rear View



XC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 9 – Exploded View - Less Jacketry and Controls, Single Blower

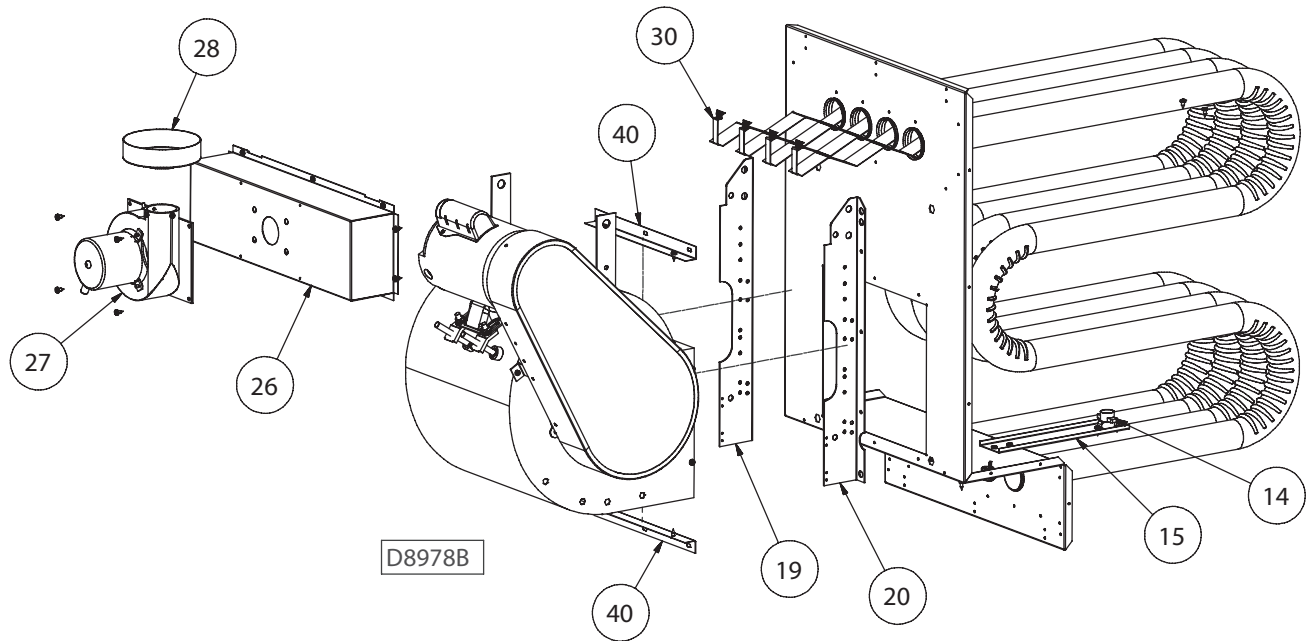
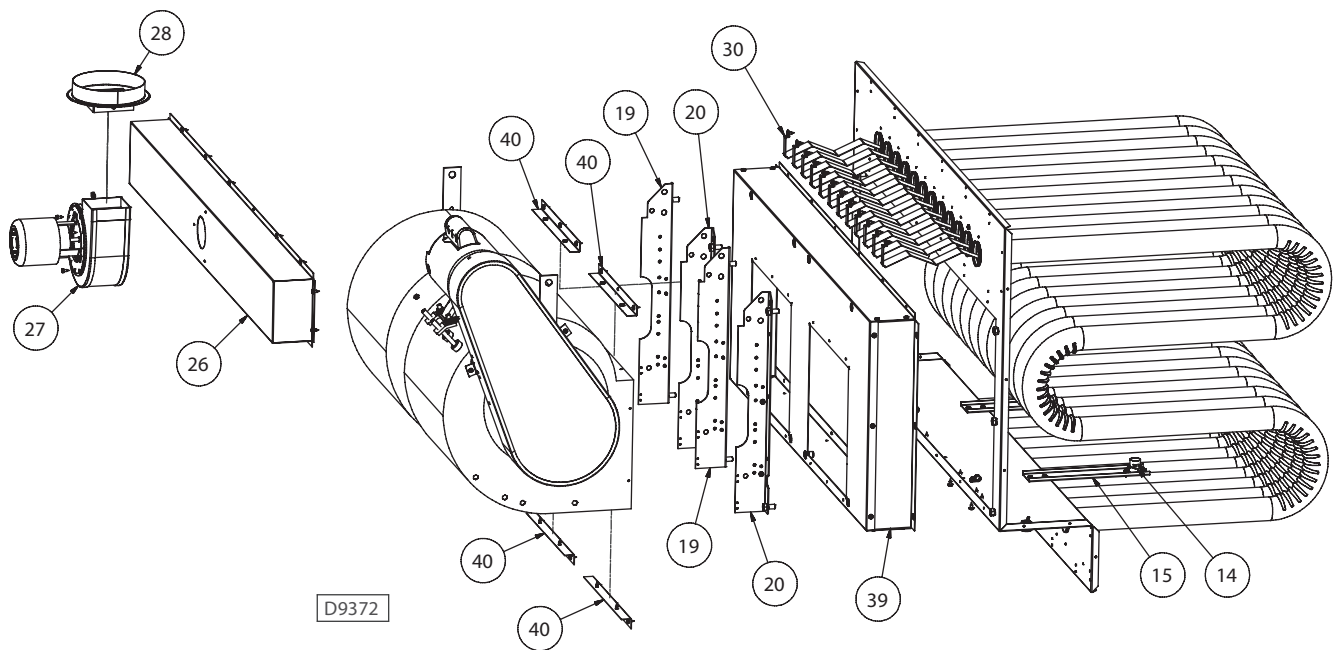


Figure 10 – Exploded View - Less Jacketry and Controls, Dual Blower



XC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 11 – Vestibule Panel/Tube Assembly (Heat Exchanger)

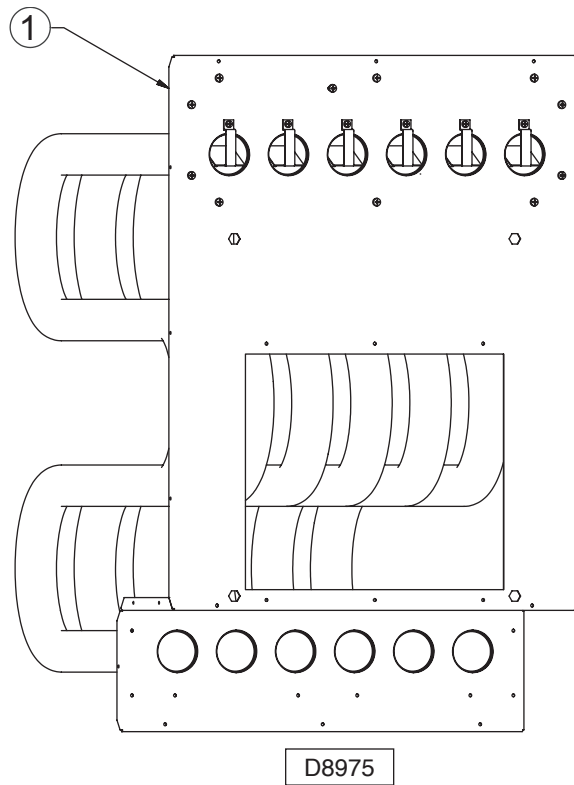


Figure 12 – Electrical Control Panel

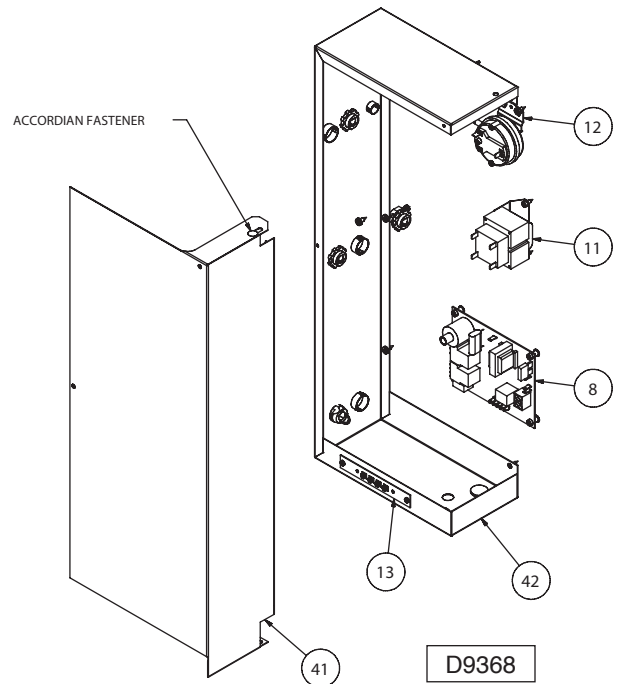


Figure 13 – Manifold Burner Assembly

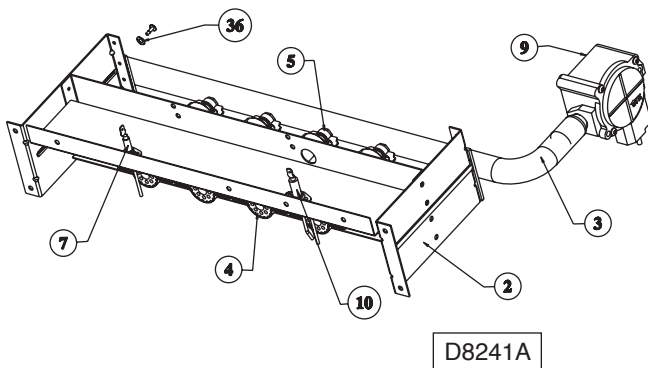
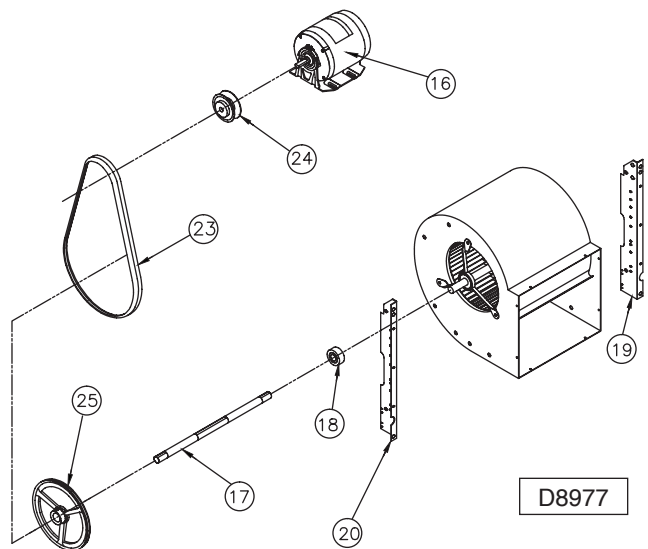


Figure 14 – Blower Assembly



XC SERIES 100-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)		100	125
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER MODEL		4	5
	ITEM DESCRIPTION		PART NO.	
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ¹	Aluminized Steel	11507R08879-004	11507R08879-005
		409 Stainless Steel	11507R08879-104	11507R08879-105
2	Manifold Bracket Sub-Ass'y		11261R04965-004	
3	Manifold		11J37R04277	11J37R04278
4	Inshot Burner	Aluminized Steel	11J37R03935	11J37R03935
		304L Stainless Steel	11J37R06754	11J37R06754
5	Standard Orifice	Natural Gas (#42)	11J36R04694-028	11J36R04694-028
		Propane (LP) Gas (#53)	11512R08532-013	11512R08532-013
7	Flame Sensor		11J38R06890-003	
8	Control Board		11J28R06881	
9	Direct Spark Gas Valve, Single Stage	Natural Gas	11J28R06892-001	
		Propane (LP) Gas	11J28R06892-002	
	Direct Spark Gas Valve, Two Stage	Natural Gas	11J28R06894-001	
		Propane (LP) Gas	11J28R06894-002	
10	Spark Ignitor		11J38R06891-001	
11	Transformer, 50 VA, 115/24		11J14R03245-012	
12	Air Pressure Switch	Std Alt (0-4,999 ft)	11J11R06778-003	
		High Alt (5,000 ft+)	11J11R06778-005	
13	Terminal Block Plate		11J11R04609	
14	High Limit Switch [Qty Req'd Per Capacity]		11J11R00306-002 [1]	
15	High Limit Bracket [Qty Req'd Per Capacity]		11252R04469 [1]	
16	Blower Motor		SEE PAGE 30 - BLOWER MOTORS	
	Blower Assembly ² [Qty Req'd]		11J35R08621 [1]	11J35R08622 [1]
17	Blower Shaft ³		AVAIL AS KIT ONLY	11J35R00540-002
18	Main Bearing ³ [Qty Req'd]		AVAIL AS KIT ONLY	11J42R00433-008 [2]
19	Blower Housing Support (LH)		11252R03490-001	
20	Blower Housing Support (RH)		11252R03490-002	
21	Belt Guard		11253R04403-001	11253R04403-002
23	V-Belt Standard		11J47RA47	11J47RA41
24	Drive Pulley (Standard) - A.K.A. Motor Sheave		11J35R1VL44X1/2	11J35R1VL44X5/8
25	Driven Pulley (Standard) - A.K.A. Blower Pulley		11J35RAL84X3/4K	
26	Flue Collector ⁴	Aluminized Steel	11507R03918-004	11507R03918-005
		409 Stainless Steel	11507R03918-104	11507R03918-105
27	Power Venter Assembly		11J35R04700	
28	Flue Collar Assembly		11257R05062	
30	Turbulator ¹		11501R03893	11501R03893
31	Louver [8 Req'd Per Capacity]		11257R04587-108	
32	Louver Spring [8 Req'd Per Capacity]		11J26R01960	
33	Right Side Jacket Panel W/ Insulation		11251R10349	
34	Left Side Jacket Panel W/ Insulation		11251R08909-10L	
35	Top Jacket Panel W/ Insulation		11251R06364-004	
36	Washer [4 Per Unit]		11J24R00326-005	
37	Bottom Jacket Panel W/ Insulation		11251R10353-004	
39	Blower Mounting Extension Assembly		N/A	
40	Blower Block Off Bracket [Qty Req'd]		11252R08921 [2]	11252R08922 [2]
41	Electrical Control Box Cover	Single or Two Stg Gas Control	11257R03888	
		Modulating Gas Control	11257R08990	
42	Electrical Control Box Base (Wrapper)	Single or Two Stg Gas Control	11257R03889	
		Modulating Gas Control	11257R08991	
43	Bottom Burner Panel Assembly		11257R10346-004	
44	Rear Cover Panel Assembly		11257R10347-004	
45	Inlet Air Collar Assembly [Qty. Req'd Per Capacity]		11251R10355 [1]	
46	Viewport Plug		11J07R08348-001	
47	Manifold Sealing Bracket Assembly		11257R10351-004	
N/S	Green Ground Screw		11J21R01287	
N/S	Vinyl Tubing (Pressure Switch)		11261R04964-002	
N/S	Molex Connector Assembly		11J11R06887-001	
N/S	Ignition Cable - 36 Inches Long		11J28R06971-002	

Notes:

- Turbulators are included in Vestibule Panel/Tube Assembly (Heat Exchanger).
- Blower Assembly includes housing, wheel, and bearing (spider) brackets. 11J35R08621 also includes shaft and bearings.
- Blower Assembly parts not sold separately for 100 MBH units.
- When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV sealant.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable, Opt¹ - Optional Equipment

150	175	200	250	300	350	400	ITEM NO.	
6	7	8	10	12	14	16		
PART NO.								
11507R08879-006	11507R08879-007	11507R08879-008	11507R08879-010	11507R08879-012	11507R08879-014	11507R08879-016	1	
11507R08879-106	11507R08879-107	11507R08879-108	11507R08879-110	11507R08879-112	11507R08879-114	11507R08879-116		
11261R04965-004	11261R04965-007			11261R04965-012			2	
11J37R04278	11J37R04279		11J37R04280	11J37R04281	11J37R04282	11J37R04283	3	
11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	4	
11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754		
11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	5	
11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013		
11J38R06890-003							7	
11J28R06881							8	
11J28R06892-001				11J28R06893-001			9	
11J28R06892-002				11J28R06893-002				
11J28R06894-001				11J28R06895-001				
11J28R06894-002				11J28R06895-002				
11J38R06891-001							10	
11J14R03245-012							11	
11J11R06778-003	11J11R06778-004			11J11R06778-003			12	
11J11R06778-005	11J11R06778-006			11J11R06778-005				
11J11R04609							13	
11J11R00306-002 [1]				11J11R00306-002 [2]			14	
11252R04469 [1]				11252R04469 [2]			15	
SEE PAGE 30 - BLOWER MOTORS							16	
11J35R08622 [1]	11J35R08623 [1]			11J35R08622 [2]	11J35R08623 [2]			
11J35R00540-002	11J35R00540-003			11J35R01974	11J35R01975		17	
11J42R00433-008 [2]	11J42R00433-009 [2]			11J42R00433-008 [3]	11J42R00433-009 [3]		18	
11252R03490-001							19	
11252R03490-002								
11253R04403-002				11253R04403-002		11253R04403-003		21
11J47RA47	11J47RA43			11J47RA41	11J47RA44	11J47RA46	23	
11J35R1VL44X5/8	11J35R1VL34X5/8			11J35R1VL44X5/8		11J35R1VL34X5/8	24	
11J35RAL84X3/4K	11J35RAL84X1KEY			11J35RAL84X3/4K	11J35RAL84X1KEY		25	
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R08997-016	26	
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R08997		
11J35R04700	11J35R04581			11507R04595			27	
11257R05062	11507R04532			11507R04600			28	
11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	30	
11257R04587-108	11257R04587-109			11257R04587-110			31	
11J26R01960							32	
11251R10349							33	
11251R08909-10L							34	
11251R06364-004	11251R06364-007			11251R06364-012			35	
11J24R00326-005							36	
11251R10353-004	11251R10353-007			11251R10353-012			37	
N/A	11510R08841-007			11510R08841-012	11510R08841-014		39	
11252R08922 [2]	11252R08923 [2]			11252R08922 [4]	11252R08923 [4]		40	
11257R03888							41	
11257R08990								
11257R03889								
11257R08991							42	
11257R10346-004	11257R10346-007			11257R10346-012			43	
11257R10347-004	11257R10347-007			11257R10347-012			44	
11251R10355 [1]					11251R10355 [2]		45	
11J07R08348-001							46	
11257R10351-004				11257R10351-012			47	
11J21R01287							N/S	
11261R04964-002	11261R04964-003			11261R04964-004			N/S	
11J11R06887-001							N/S	
11J28R06971-002							N/S	

TF, GF SERIES TUBULAR PROPELLER UNIT HEATERS UNIT NUMBER DESCRIPTION

Digit	T	X	X	X	1	2	3	4	5	6	7	8	9	10	11	12	13	+	
Item	Prefix				UT	CA			FT	FM	GT	AL	GC	SV	MT	AS			
	<small>(Internal Use Only)</small>																		

1,2 - Unit Type [UT]

TF - Tubular Propeller
GF - Stainless Steel Tubular Propeller

3,4,5 - Capacity [CA]

100 - 100,000 BTU/HR (TF Only)
125 - 125,000 BTU/HR (TF Only)
150 - 150,000 BTU/HR
175 - 175,000 BTU/HR (TF Only)
200 - 200,000 BTU/HR (TF Only)
250 - 250,000 BTU/HR
300 - 300,000 BTU/HR (TF Only)
350 - 350,000 BTU/HR (TF Only)
400 - 400,000 BTU/HR

6 - Furnace Type [FT]

A - Right Hand Access

7 - Heat Exchanger (Furnace) Material [FM]

1 - Standard (Aluminized) Steel (TF Only)
2 - 409 Stainless Steel

8 - Gas Type [GT]

N - Natural Gas
P - Propane (LP) Gas

9 - Altitude [AL]

S - 0-4,999 ft.
T - 5,000-11,999 ft.

Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Gas Control [GC]

1 - Single Stage Direct Spark
2 - Two Stage Direct Spark
3 - Electronic Modulation w/Room Sensing
6 - Electronic Modulation w/External 4-20 mA Input
7 - Electronic Modulation w/External 0-10 VDC Input

Note: Gas Control [GC] 3, 6, 7 only available for TF.

11 - Supply Voltage [SV]

1 - 115/1/60	5 - 230/3/60
2 - 208/1/60	6 - 460/3/60
3 - 230/1/60	7 - 575/3/60
4 - 208/3/60	Z - Special

Note: Supply Voltage [SV] 2-7 include field mounted step down transformer.

12 - Motor Type [MT]

1 - Open Drip Proof (Standard)
2 - Totally Enclosed

13+ - Accessories [AS]

FACTORY INSTALLED

M6 - OSHA Type Fan Guard
P4 - Terminal Block Wiring (TF Only)
P6 - Summer/Winter Switch (TF Only)
S3 - 409 Stainless Steel Flue Collector (Standard on GF)
S5 - 304L Stainless Steel Burners

FIELD INSTALLED (11AS-____) †

† All Field Installed Accessories are to be entered as a separate line item using the catalog number which places "11AS" as a prefix. i.e. G3 becomes 11AS-G3.

A7 - High Pressure Regulator

A7-1/2-1 - Regulator for 0.5-10 PSI
A7-3/8-1 - Regulator for 10-20 PSI
A7-5/16-1 - Regulator for 20-35 PSI

G1 - 1-Stage Mercury Free Thermostat (Round)

G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
G3 - 1-Stage Mercury Free Thermostat w/Fan Switch
G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
G6 - Locking Thermostat Cover
G9 - 1-Stage Mercury Free Heating Only Thermostat
GW - WiFi Thermostat TH8321WF1001/U

H5 - Low Ambient Control

M2-2 - 5" Vent Cap (Capacity 100-250)

M2-3 - 6" Vent Cap (Capacity 300-400)

M7-TUB - 2 to 4 Point Suspension Kit (TF Only)

P5 - 24V SPST Relay-Specify Purpose

Q1 - Y-Splitter Nozzle (TF Only)

X2 - 30 Degree Downturn Nozzle (TF Only)

X3 - 60 Degree Downturn Nozzle (TF Only)

X4 - 90 Degree Downturn Nozzle (TF Only)

X5 - Vertical Louver Kit (TF Only)

TC SERIES TUBULAR BLOWER UNIT HEATERS, SF & SC SERIES SEPARATED COMBUSTION TUBULAR UNIT HEATERS UNIT NUMBER DESCRIPTION

Digit	T	X	X	X	–	1	2	3	4	5	6	7	8	9	10	11	12	13	14	+	
Item	Prefix					UT			CA		FT	FM	GT	AL	GC	SV	MT	MS		AS	
	<small>(Internal Use Only)</small>																				

1, 2 - Unit Type [UT]

- TC - Tubular Blower
- SF - Separated Combustion Tubular Propeller
- SC - Separated Combustion Tubular Blower

3, 4, 5 - Capacity [CA]

- 100 - 100,000 BTU/HR
- 125 - 125,000 BTU/HR
- 150 - 150,000 BTU/HR
- 175 - 175,000 BTU/HR
- 200 - 200,000 BTU/HR
- 250 - 250,000 BTU/HR
- 300 - 300,000 BTU/HR
- 350 - 350,000 BTU/HR
- 400 - 400,000 BTU/HR

6 - Furnace Type [FT]

- A - Right Side Access

7 - Heat Exchanger (Furnace) Material [FM]

- 1 - Standard (Aluminized) Steel
- 2 - 409 Stainless Steel

8 - Gas Type [GT]

- N - Natural Gas
- P - Propane Gas (LP)

9 - Altitude [AL]

- S - 0–4,999 ft.
- T - 5,000–11,999 ft.

Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Direct Spark Gas Control [GC]

- 1 - Single Stage
- 2 - Two Stage
- 3 - Electronic Modulation w/Room Sensing
- 4 - Electronic Modulation w/Duct Sensing (Blowers Only)
- 5 - Electronic Modulation w/Duct Sensing & Room Override Stat (Blowers Only)
- 6 - Electronic Modulation w/External 4-20 mA Input
- 7 - Electronic Modulation w/External 0-10 VDC Input

11 - Supply Voltage [SV]

- | | |
|--------------|--------------|
| 1 - 115/1/60 | 5 - 230/3/60 |
| 2 - 208/1/60 | 6 - 460/3/60 |
| 3 - 230/1/60 | 7 - 575/3/60 |
| 4 - 208/3/60 | Z - Special |

Note: Supply Voltages [SV] 2-7 include step down transformer. Transformer is factory mounted on blower unit types, and field mounted on propeller unit type.

12 - Motor Type [MT]

- 1 - Open Drip Proof (Standard)
- 2 - Totally Enclosed
- 3 - Premium Efficiency, Open Drip Proof (Blowers Only)
- 4 - Premium Efficiency, Totally Enclosed (Blowers Only)

13 - Blower Motor Sizes [MS]**

- | | |
|--------------------------|---------------------------------|
| A - 1/4 HP w/Contactor | P - 1/2 HP w/Magnetic Starter |
| C - 1/2 HP w/Contactor | R - 3/4 HP w/Magnetic Starter |
| D - 3/4 HP w/Contactor | S - 1 HP w/Magnetic Starter |
| F - 1 HP w/Contactor | T - 1-1/2 HP w/Magnetic Starter |
| G - 1-1/2 HP w/Contactor | U - 2 HP w/Magnetic Starter |
| H - 2 HP w/Contactor | W - 1/4 HP w/Magnetic Starter |
| J - 1/4 HP | 0 - None/Not Applicable |
| L - 1/2 HP | |

***Notes: 1. All 3-phase units [SV = 4, 5, 6, 7] include a contactor as standard.
2. All single phase units [SV = 1, 2, 3] include a contactor for units equipped with 3/4 HP. motor or higher [MS =D, F, G, H]
3. [MS] options J, L only available with [SV] option 1 (115/1/60).*

14+ - Accessories [AS]

FACTORY INSTALLED

- M6 - OSHA Type Fan Guard (Propellers Only)
- M8 - Discharge Duct Flange (Blowers Only)

- P4 - Terminal Block Wiring
- P6 - Summer/Winter Switch

- S3 - 409 Stainless Steel Flue Collector
- S5 - 304L Stainless Steel Burners

FIELD INSTALLED (11AS-____) †

† All Field Installed Accessories are to be entered as a separate line item using the catalog number which utilizes “11AS” as a prefix. i.e: G3 becomes 11AS-G3.

- A7 - High Pressure Regulator
 - A7-1/2-1 - Regulator for 0.5-10 PSI
 - A7-3/8-1 - Regulator for 10-20 PSI
 - A7-5/16-1 - Regulator for 20-35 PSI

- F1 - 1-Stage T675A Ductstat (Blowers Only)
- F2 - 2-Stage T678A Ductstat (Blowers Only)

- G1 - 1-Stage Mercury Free Thermostat (Round)
- G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
- G3 - 1-Stage Mercury Free Thermostat w/Fan Switch
- G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
- G6 - Locking Thermostat Cover
- G9 - 1-Stage Mercury Free Heating Only Thermostat
- GW - WiFi Thermostat TH8321WF1001/U

- H5 - Low Ambient Control

- M2-2 - Vent Caps (5") (Capacity 100-250)
- M2-3 - Vent Caps (6") (Capacity 300-400)
- M7-TUB - 2 to 4 Point Suspension Kit (Propellers Only)

- P5 - 24V SPST Relay (Specify Purpose)

- Q1 - Y-Splitter Nozzle

- X2 - 30 Degree Downturn Nozzle
- X3 - 60 Degree Downturn Nozzle
- X4 - 90 Degree Downturn Nozzle
- X5 - Vertical Louver Kit

- X7-H5 - Horiz. Combustion Air (SF/SC 300-400 Only)
- X7-H6 - Horiz. Combustion Air Inlet Kit, 5 inch (SF/SC 100-250 Only)
- X7-V5 - Vert. Combustion Air Inlet Kit, 6 inch (SF/SC 300-400 Only)

TF, GF SERIES 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

Figure 15 – Front View

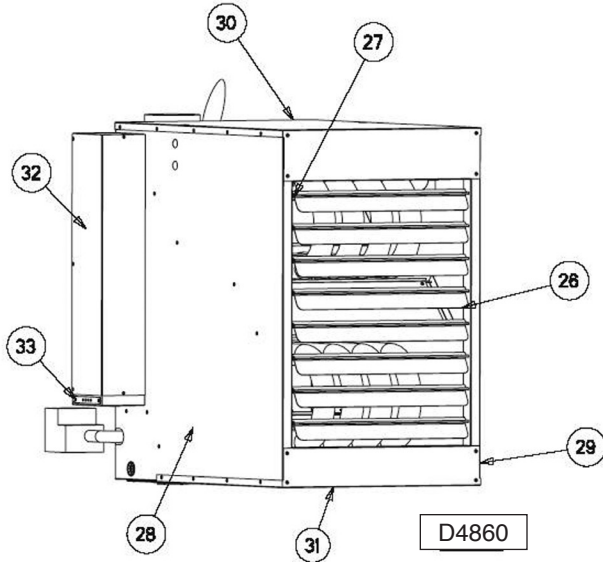


Figure 16 – Rear View

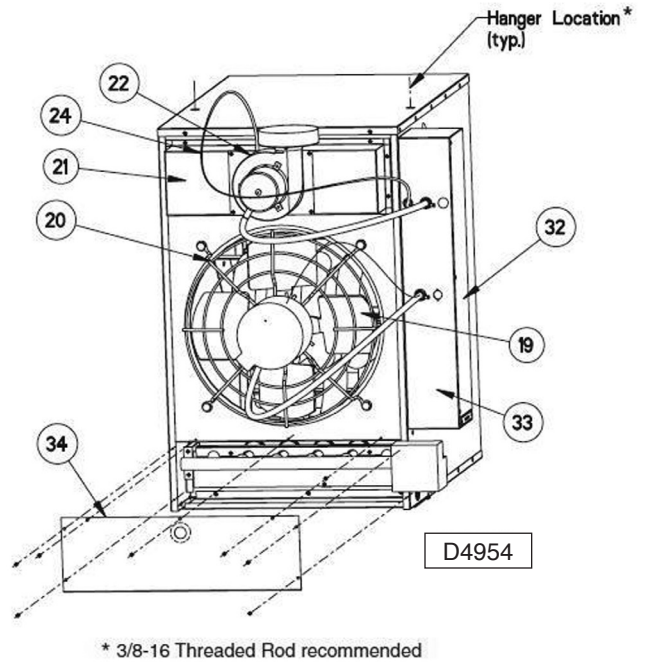
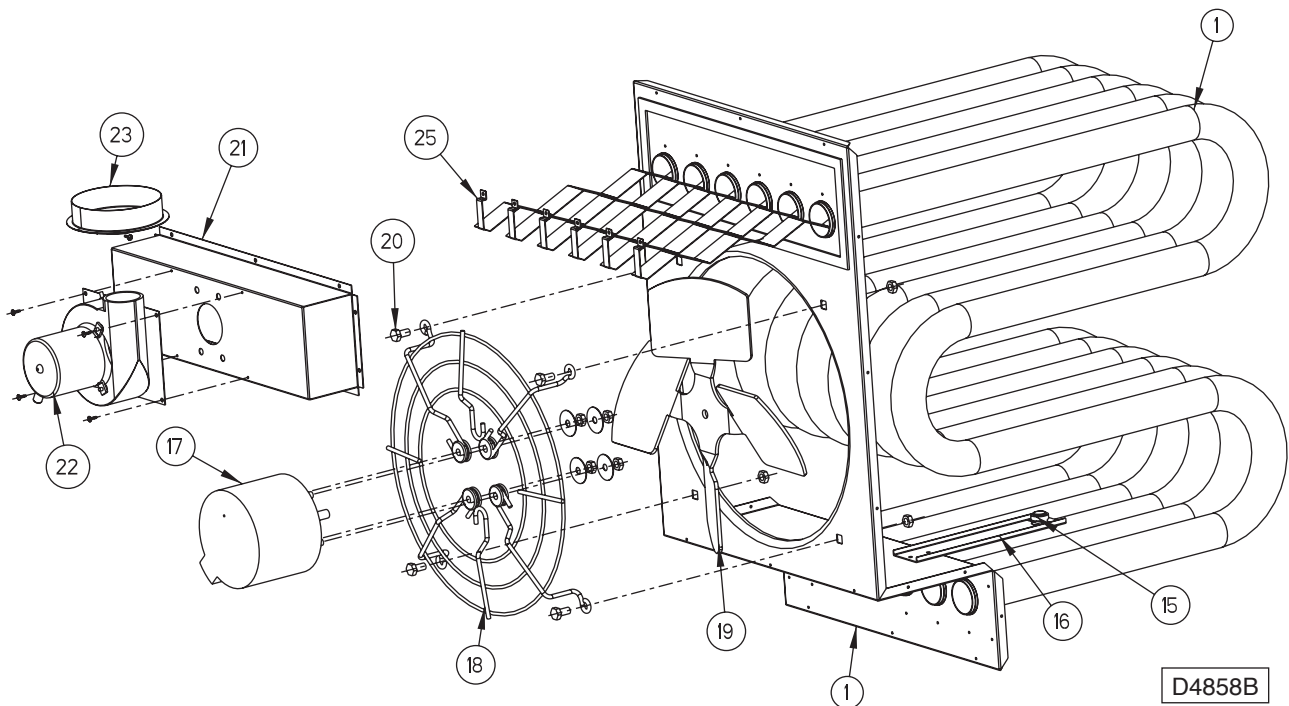


Figure 17 – Exploded View - Less Jacketry and Controls



TF, GF SERIES 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

**Figure 18 – Vestibule Panel/Tube Assembly
(Heat Exchanger)**

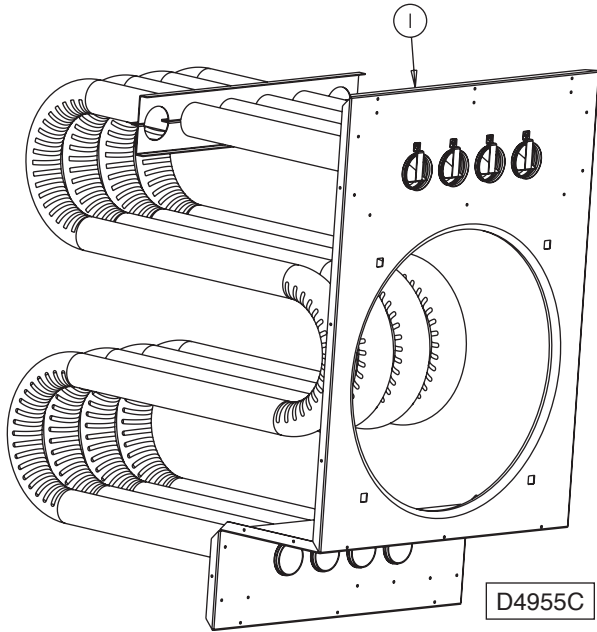


Figure 19 – Electrical Control Panel

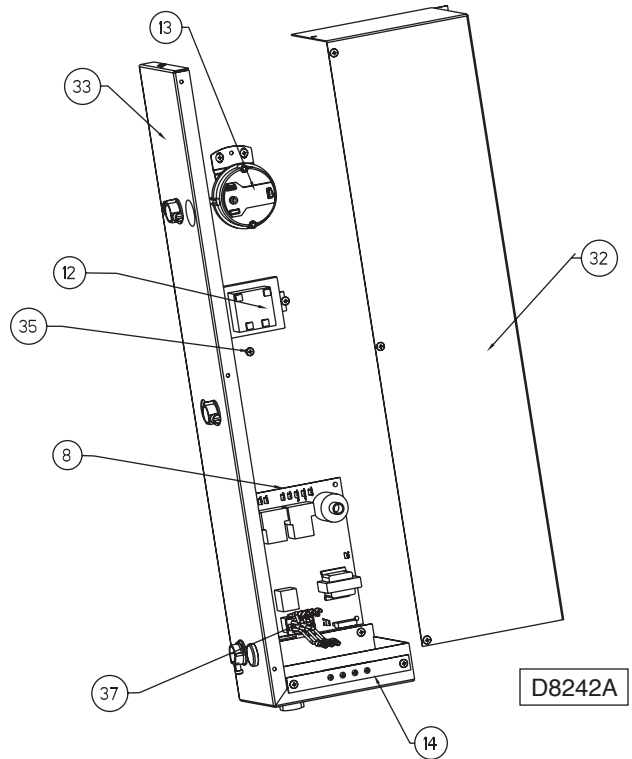
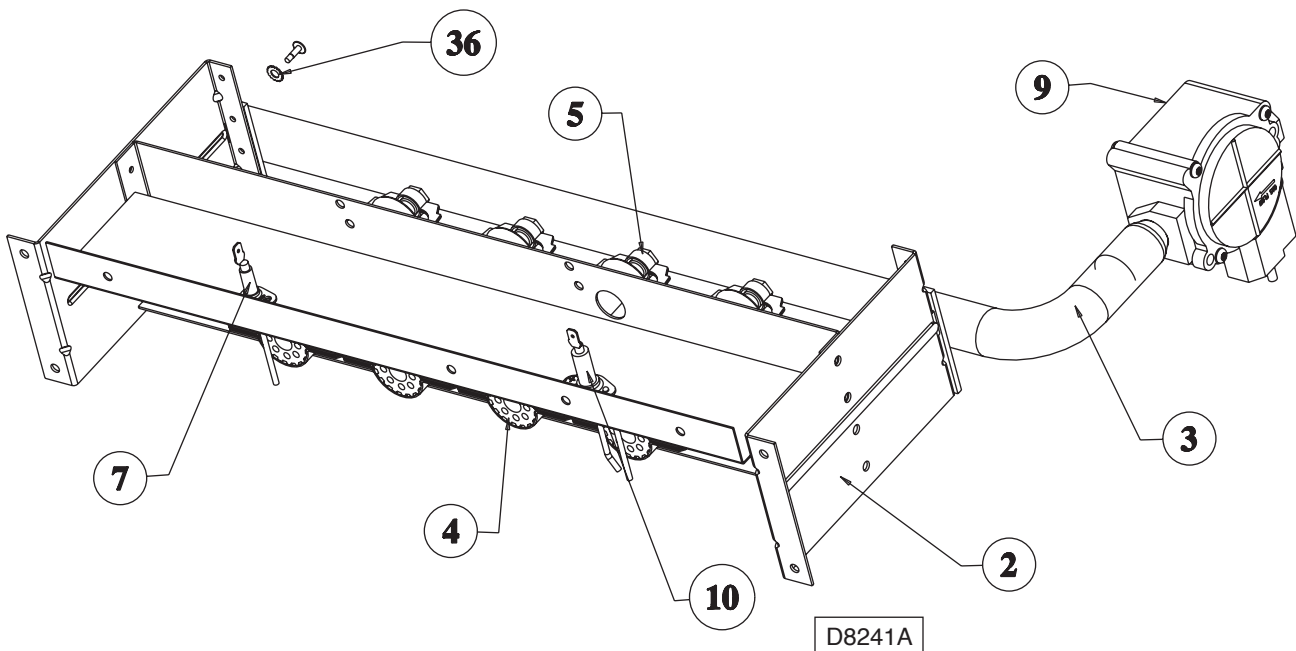


Figure 20 – Manifold Burner Assembly



TF, GF¹ SERIES 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

ITEM NO.	UNIT CAPACITY (MBH)				100	125
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER MODEL				4	5
	ITEM DESCRIPTION		TF	GF	PART NO.	
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ²	Aluminized Steel	X	N/A	11507R04567-004	11507R04568-004
		409 Stainless Steel	Opt'l	X	11507R04567-104	11507R04568-104
2	Manifold Bracket Sub-Ass'y	X	X	11261R04965-004		
3	Manifold	X	X	11J37R04277	11J37R04278	
4	Inshot Burner	Aluminized Steel	X	N/A	11J37R03935	11J37R03935
		304L Stainless Steel	Opt'l	X	11J37R06754	11J37R06754
5	Standard Orifice	Natural Gas (#42)	X	X	11J36R04694-028	11J36R04694-028
		Propane (LP) Gas (#53)	Opt'l	Opt'l	11512R08532-013	11512R08532-013
7	Flame Sensor ³	X	X	11J38R06890-003		
8	Control Board ³	X	X	11J28R06881		
9	Direct Spark Gas Valve, Single Stage ³	Natural Gas	X	X	11J28R06892-001	
		Propane (LP) Gas	Opt'l	Opt'l	11J28R06892-002	
	Direct Spark Gas Valve, Two Stage ³	Natural Gas	Opt'l	Opt'l	11J28R06894-001	
		Propane (LP) Gas	Opt'l	Opt'l	11J28R06894-002	
10	Spark Ignitor ³	X	X	11J38R06891-001		
12	Transformer, 50 VA, 115/24	X	X	11J14R03245-012		
13	Air Pressure Switch	Std Alt (0-4,999 ft)	X	X	11J11R06779-001	
		High Alt (5,000 ft+)	Opt'l	Opt'l	11J11R06780-001	
14	Terminal Block Plate	X	X	11J11R04609		
15	High Limit Switch [Qty. Req'd per Capacity]	X	X	11J11R00306-002 [1]		
16	High Limit Bracket [Qty. Req'd per Capacity]	X	X	11252R04469 [1]		
17	Fan Motor [Qty. Req'd per Capacity]	Open Drip Proof	X	X	11J31R04092-002 [1]	11J31R04093-002 [1]
		Totally Enclosed	Opt'l	Opt'l	11J31R03086 [1]	11J31R01694 [1]
18	Standard Fan Guard [Qty. Req'd per Capacity] ⁸	X	X	11253R01873-001 [1]		
	OSHA Fan Guard [Qty. Req'd per Capacity] incl. Motor Mounting Plate	Opt'l	Opt'l	11M32R06163 [1]		
19	Fan Blade [Qty. Req'd per Capacity] for Units with Standard ODP Motor ⁵	Units Mfd. Before 4/30/07	X	X	11J34R06999-104 [1]	11253R08414-001 [1]
		Units Mfd. After 4/30/07	X	X	11J34R06999-104 [1]	
	Fan Blade [Qty. Req'd per Capacity] for Units with Optional TE Motor ⁵	Units Mfd. Before 3/2/07	Opt'l	Opt'l	11J34R06999-104 [1]	
Units Mfd. After 3/2/07		Opt'l	Opt'l	11J34R06999-104 [1]		
20	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]	X	X	11261R04963-002 [1]		
21	Flue Collector ⁶	Aluminized Steel	X	N/A	11507R03918-004	11507R03918-005
		409 Stainless Steel	Opt'l	X	11507R03918-104	11507R03918-105
22	Power Vent (Drafter) Assembly	X	X	11J35R04700		
23	Flue Collar Assembly	X	X	11257R05062		
24	Vinyl Tubing (Pressure Switch)	X	X	11261R04964-002		
25	Turbulator ²	X	X	11501R03893	11501R03893	
26	Louver [8 Req'd per Model]	X	N/A	11257R04587-108		
		N/A	X	11257R04587-308		
27	Louver Spring [8 Req'd per Model]	X	X	11J26R01960		
28	Right Side Jacket Panel w/ Insulation ⁷	X	N/A	11261R04966		
29	Left Side Jacket Panel w/ Insulation ⁷	X	N/A	11261R04967		
30	Top Jacket Panel w/ Insulation ⁷	X	N/A	11261R04968-004		
31	Bottom Jacket Panel w/ Insulation ⁷	X	N/A	11261R04969-004		
32	Electrical Control Box Cover ⁷	X	N/A	11257R03888		
33	Electrical Control Box Base (Wrapper) ⁷	X	N/A	11257R03889		
34	Peep Hole Burner Cover Assembly ⁷	X	N/A	11261R05411-004		
35	Green Ground Screw	X	X	11J21R01287		
36	Washer (4 per Unit)	X	X	11J24R00326-005		
37	Molex Connector Assembly ³	X	X	11J11R06887-001		
N/S	Ignition Cable - 36 Inches Long ³	X	X	11J28R06971-002		
N/S	Contact, 115V	X	X	N/A		

Notes:

- GF Series only available in Capacities 150, 250, 400 MBH.
- Turbulators are included in Vestibule Panel/Tube Assembly (Heat Exchanger).
- See Replacement Part Catalog TFPC for units manufactured prior to 1/1/06, including all hot surface ignition parts.
- If replacing the direct spark gas valve on a 250 MBH unit manufactured between January 1, 2006 and September 23, 2013, choose the gas valve listed above for 300 MBH units.
- Fan blade part numbers beginning with "11253" are kits that include a fan blade and a fan motor supplied in (2) boxes.
- When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV sealant.
- TF Series only; consult Customer Service for GF Series.
- Standard Fan Guards for unit capacities 175-400 MBH include motor mounting plate.

150	175	200	250	300	350	400	ITEM NO.
6	7	8	10	12	14	16	
PART NO.							
11507R04569-004	11507R04570-004	11507R04571-004	11507R04572-004	11507R04573-004	11507R04574-004	11507R04575-004	1
11507R04569-104	11507R04570-104	11507R04571-104	11507R04572-104	11507R04573-104	11507R04574-104	11507R04575-104	
11261R04965-004	11261R04965-007			11261R04965-012			2
11J37R04278	11J37R04279		11J37R04280	11J37R04281	11J37R04282	11J37R04283	3
11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	4
11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	
11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	5
11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	
11J38R06890-003							7
11J28R06881							8
11J28R06892-001			11J28R06892-001 ⁴	11J28R06893-001			9
11J28R06892-002			11J28R06892-002 ⁴	11J28R06893-002			
11J28R06894-001			11J28R06894-001 ⁴	11J28R06895-001			
11J28R06894-002			11J28R06894-002 ⁴	11J28R06895-002			
11J38R06891-001							10
11J14R03245-012							12
11J11R06779-001	11J11R06779-002			11J11R06779-001			13
11J11R06780-001	11J11R06780-002			11J11R06780-001			
11J11R04609							14
11J11R00306-002 [1]				11J11R00306-002 [2]			15
11252R04469 [1]				11252R04469 [2]			16
11J31R04093-002 [1]	11J31R04094-002 [1]			11J31R04093-002 [2]	11J31R04094-002 [2]		17
11J31R01694 [1]				11J31R01694 [2]			
11253R01873-001 [1]	11253R01874-T01 [1]			11253R01873-T01 [2]	11253R01874-T01 [2]		18
11M32R06163 [1]	11M32R08291 [1]			11M32R06163 [2]	11M32R08291 [2]		
11253R08414-001 [1]	11J34R06999-105 [1]	11J34R06999-112 [1]		11253R08414-001 [2]	11J34R06999-105 [2]	11J34R06999-112 [2]	19
11J34R06999-104 [1]	11J34R06999-105 [1]	11J34R06999-112 [1]		11J34R06999-104 [2]	11J34R06999-105 [2]	11J34R06999-112 [2]	
11253R08414-002 [1]	11253R08415-002 [1]	11253R08416-002 [1]		11253R08414-002 [2]	11253R08415-002 [2]	11253R08416-002 [2]	
11J34R06999-104 [1]	11J34R06999-105 [1]	11J34R06999-112 [1]		11J34R06999-104 [2]	11J34R06999-105 [2]	11J34R06999-112 [2]	
11261R04963-002 [1]				11261R04963-002 [2]			20
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R03922-016	21
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R03922-116	
11J35R04700	11J35R04581			11507R04595			22
11257R05062	11507R04532			11507R04600			23
11261R04964-002	11261R04964-003			11261R04964-004			24
11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	25
11257R04587-108	11257R04587-109			11257R04587-110			26
11257R04587-308	11257R04587-309			11257R04587-310			
11J26R01960							27
11261R04966							28
11261R04967							29
11261R04968-004	11261R04968-007			11261R04968-012			30
11261R04969-004	11261R04969-007			11261R04969-012			31
11257R03888							32
11257R03889							33
11261R05411-004	11261R05411-007			11261R05411-012			34
11J21R01287							35
11J24R00326-005							36
11J11R06887-001							37
11J28R06971-002							N/S
N/A					11J10R06276-015		N/S

SF SERIES 100-400 MBH REPLACEMENT PARTS

Figure 21 – Front View

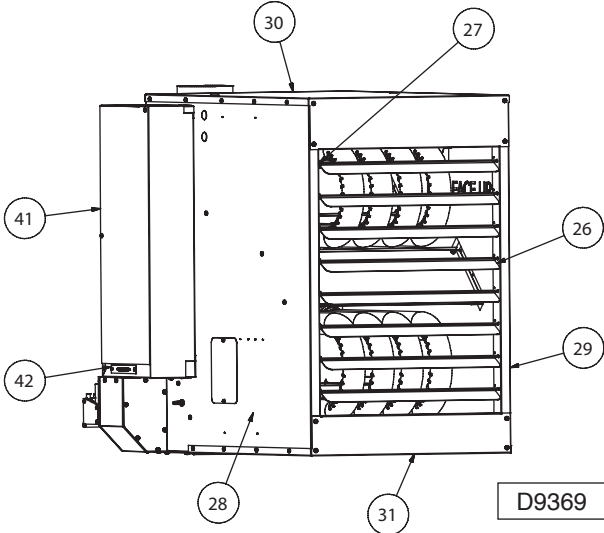
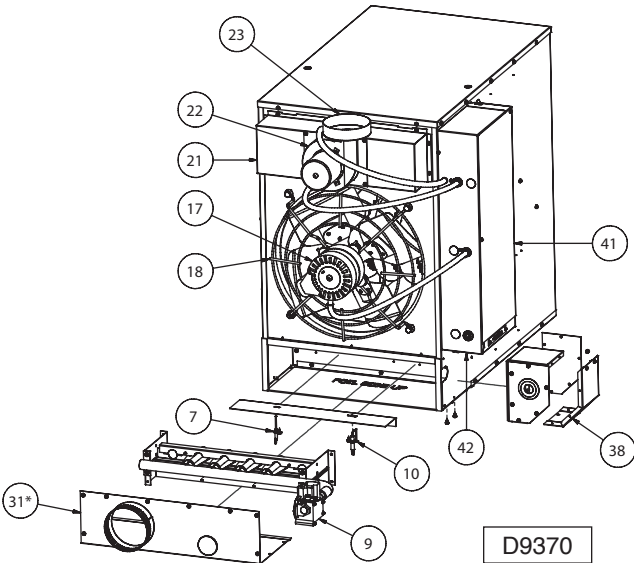
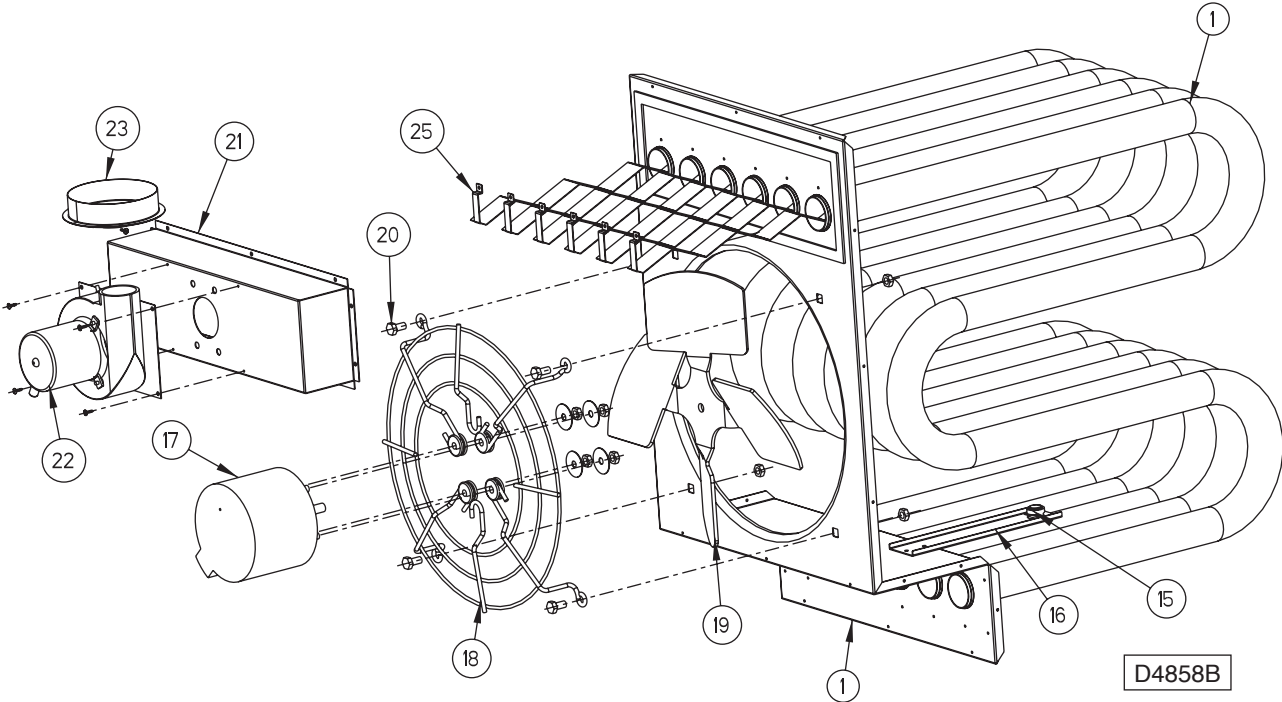


Figure 22 – Rear View



* Item #31 is part of the larger Bottom Jacket Panel & Burner Cover Assembly

Figure 23 – Exploded View - Less Jacketry and Controls



SF SERIES 100-400 MBH REPLACEMENT PARTS

Figure 24 – Vestibule Panel/Tube Assembly (Heat Exchanger)

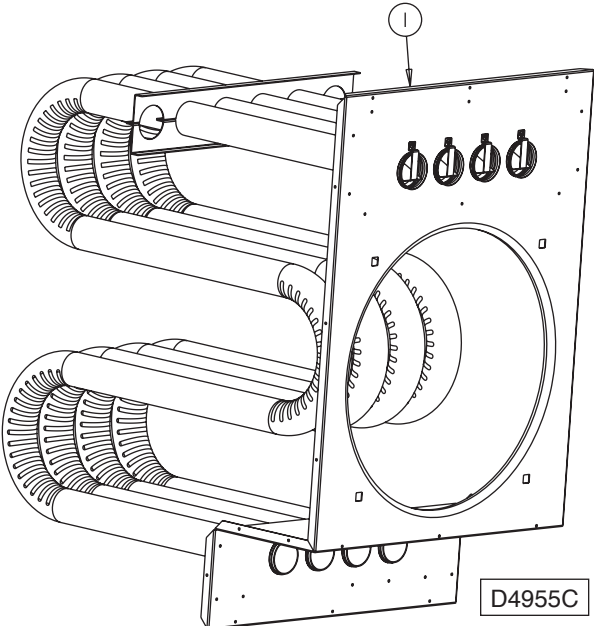


Figure 25 – Electrical Control Panel

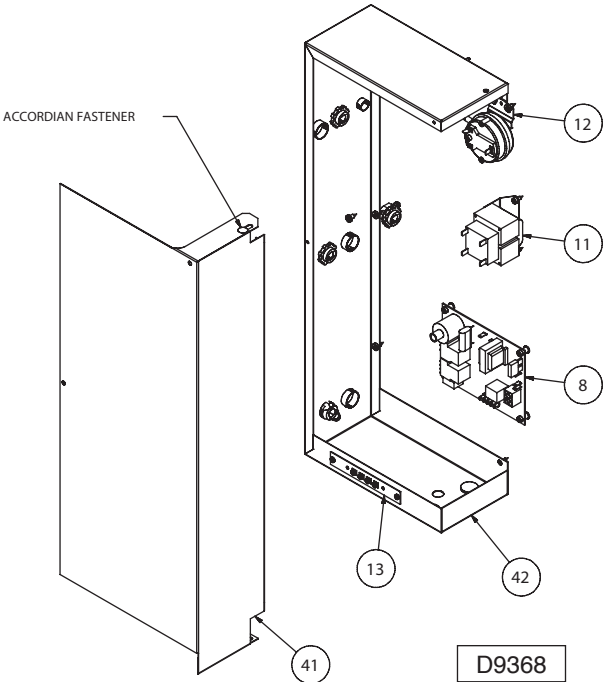
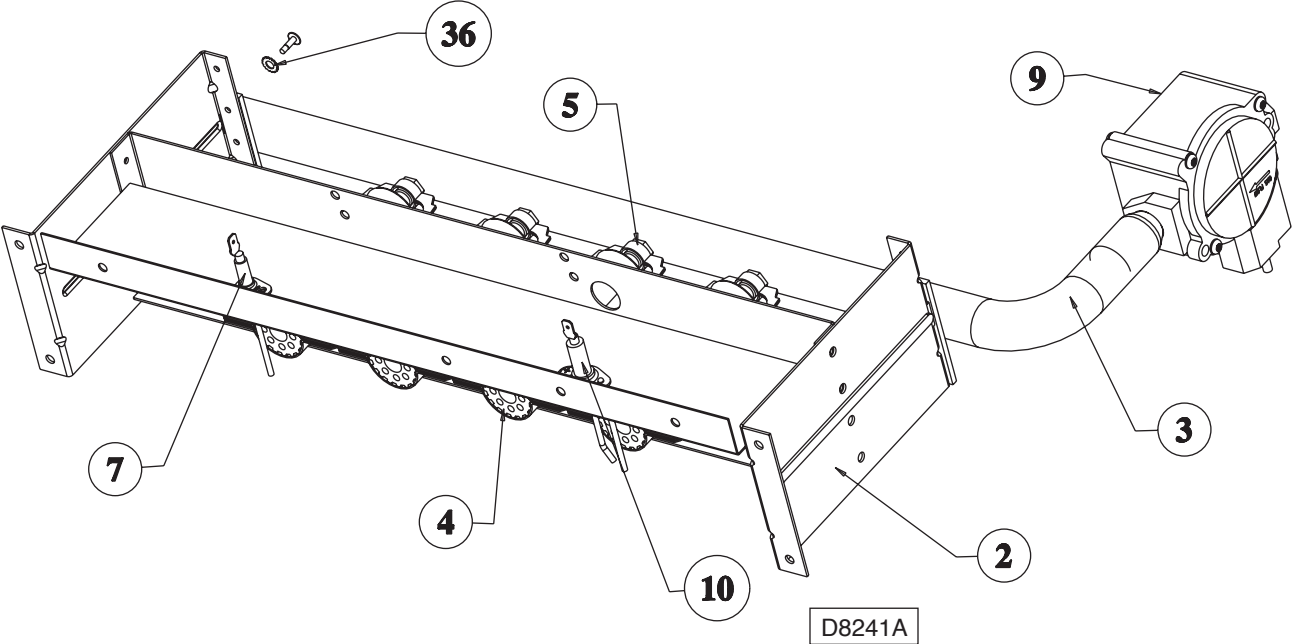


Figure 26 – Manifold Burner Assembly



SF SERIES 100-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)		100	125
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER MODEL		4	5
	ITEM DESCRIPTION		PART NO.	
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ¹	Aluminized Steel	11507R04567-004	11507R04568-004
		409 Stainless Steel	11507R04567-104	11507R04568-104
2	Manifold Bracket Sub-Ass'y	11261R04965-004		
3	Manifold	11J37R04277	11J37R04278	
4	Inshot Burner	Aluminized Steel	11J37R03935	11J37R03935
		304L Stainless Steel	11J37R06754	11J37R06754
5	Standard Orifice	Natural Gas (#42)	11J36R04694-028	11J36R04694-028
		Propane (LP) Gas (#53)	11512R08532-013	11512R08532-013
7	Flame Sensor	11J38R06890-003		
8	Control Board	11J28R06881		
9	Direct Spark Gas Valve, Single Stage	Natural Gas	11J28R06892-001	
		Propane (LP) Gas	11J28R06892-002	
	Direct Spark Gas Valve, Two Stage	Natural Gas	11J28R06894-001	
		Propane (LP) Gas	11J28R06894-002	
10	Spark Ignitor	11J38R06891-001		
11	Transformer, 50 VA, 115/24	11J14R03245-012		
12	Air Pressure Switch	Std Alt (0-4,999 ft)	11J11R06778-003	
		High Alt (5,000 ft+)	11J11R06778-005	
13	Terminal Block Plate	11J11R04609		
14	High Limit Switch [Qty. Req'd per Capacity]	11J11R00306-002 [1]		
15	High Limit Bracket [Qty. Req'd per Capacity]	11252R04469 [1]		
17	Fan Motor [Qty. Req'd per Capacity]	Open Drip Proof	11J31R04092-002 [1]	11J31R04093-002 [1]
		Totally Enclosed	11J31R03086 [1]	11J31R01694 [1]
18	Standard Fan Guard [Qty. Req'd per Capacity] ⁵	11253R01873-001 [1]		
	OSHA Fan Guard [Qty. Req'd per Capacity] Incl. Motor Mounting Plate	11M32R06163 [1]		
19	Fan Blade [Qty. Req'd per Capacity]	11J34R06999-104 [1]		
20	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]	11261R04963-002 [1]		
21	Flue Collector ³	Aluminized Steel	11507R03918-004	11507R03918-005
		409 Stainless Steel	11507R03918-104	11507R03918-105
22	Power Vent (Drafter) Assembly	11J35R04700		
23	Flue Collar Assembly	11257R05062		
25	Turbulator ¹	11501R03893	11501R03893	
26	Louver [8 Req'd per Model]	11257R04587-108		
27	Louver Spring [8 Req'd per Model]	11J26R01960		
28	Right Side Jacket Panel w/ Insulation	11251R08909-10R		
29	Left Side Jacket Panel w/ Insulation	11251R08909-10L		
30	Top Jacket Panel w/ Insulation	11251R06364-004		
31	Bottom Jacket Panel w/ Insulation & Burner Cover Assembly	11257R09063-004		
36	Washer (4 per Unit)	11J24R00326-005		
38	Separated Combustion Chamber ⁴	11257R09056-004		
41	Electrical Control Box Cover	11257R08990		
42	Electrical Control Box Base (Wrapper)	11257R08991		
N/S	Vinyl Tubing (Pressure Switch)	11261R04964-002		
N/S	Green Ground Screw	11J21R01287		
N/S	Molex Connector Assembly	11J11R06887-001		
N/S	Ignition Cable - 36 Inches Long	11J28R06971-002		
N/S	Contact, 115V	N/A		

Notes:

- Turbulators are included in Vestibule Panel/Tube Assembly (Heat Exchanger).
- If replacing the direct spark gas valve on a 250 MBH unit manufactured before September 23, 2013, choose the gas valve listed above for 300 MBH units.
- When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV sealant.
- Field assembly required.
- Standard Fan Guards for unit capacities 175-400 MBH include motor mounting plate.

150	175	200	250	300	350	400	ITEM NO.		
6	7	8	10	12	14	16			
PART NO.									
11507R04569-004	11507R04570-004	11507R04571-004	11507R04572-004	11507R04573-004	11507R04574-004	11507R04575-004	1		
11507R04569-104	11507R04570-104	11507R04571-104	11507R04572-104	11507R04573-104	11507R04574-104	11507R04575-104			
11261R04965-004	11261R04965-007			11261R04965-012			2		
11J37R04278	11J37R04279		11J37R04280	11J37R04281	11J37R04282	11J37R04283	3		
11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	4		
11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754			
11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	5		
11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013			
11J38R06890-003							7		
11J28R06881							8		
11J28R06892-001			11J28R06892-001 ²	11J28R06893-001			9		
11J28R06892-002			11J28R06892-002 ²	11J28R06893-002					
11J28R06894-001			11J28R06894-001 ²	11J28R06895-001					
11J28R06894-002			11J28R06894-002 ²	11J28R06895-002					
11J38R06891-001							10		
11J14R03245-012							11		
11J11R06778-003	11J11R06778-004			11J11R06778-003			12		
11J11R06778-005	11J11R06778-006			11J11R06778-005					
11J11R04609							13		
11J11R00306-002 [1]				11J11R00306-002 [2]				14	
11252R04469 [1]				11252R04469 [2]				15	
11J31R04093-002 [1]	11J31R04094-002 [1]			11J31R04093-002 [2]	11J31R04094-002 [2]			17	
11J31R01694 [1]				11J31R01694 [2]					
11253R01873-001 [1]	11253R01874-T01 [1]			11253R01873-T01 [2]	11253R01874-T01 [2]			18	
11M32R06163 [1]	11M32R08291 [1]			11M32R06163 [2]	11M32R08291 [2]				
11J34R06999-104 [1]	11J34R06999-105 [1]	11J34R06999-112 [1]		11J34R06999-104 [2]	11J34R06999-105 [2]	11J34R06999-112 [2]	19		
11261R04963-002 [1]				11261R04963-002 [2]				20	
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R08997-016	21		
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R08997			
11J35R04700	11J35R04581			11507R04595				22	
11257R05062			11507R04532				11507R04600		23
11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	25		
11257R04587-108	11257R04587-109			11257R04587-110				26	
11J26R01960							27		
11251R08909-10R							28		
11251R08909-10L							29		
11251R06364-004	11251R06364-007			11251R06364-012				30	
11257R09063-004	11257R09063-007			11257R09063-012				31	
11J24R00326-005							36		
11257R09056-004				11257R09056-010				38	
11257R08990							41		
11257R08991							42		
11261R04964-002	11261R04964-003			11261R04964-004				N/S	
11J21R01287							N/S		
11J11R06887-001							N/S		
11J28R06971-002							N/S		
N/A					11J10R06276-015		N/S		

TC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 27 – Front View

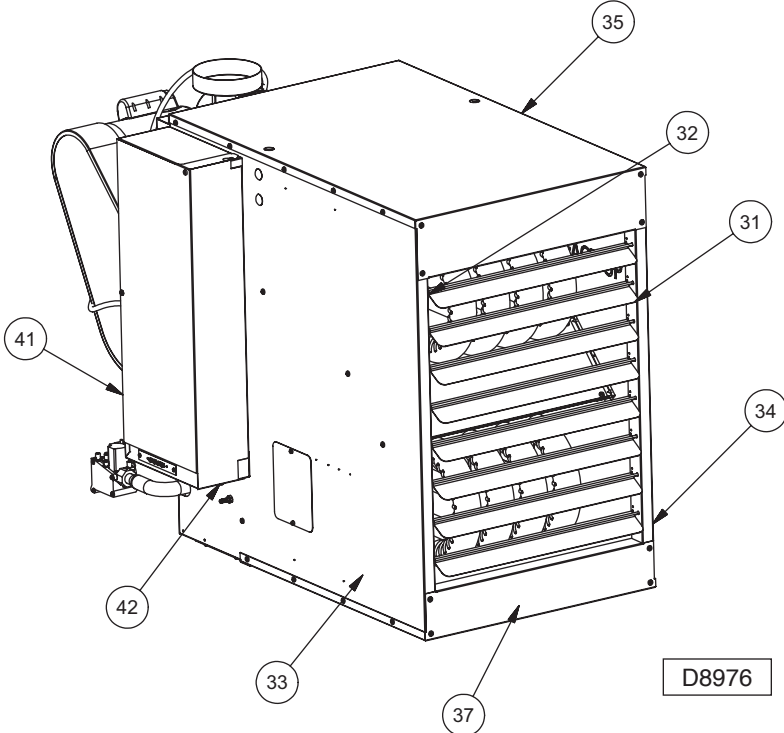
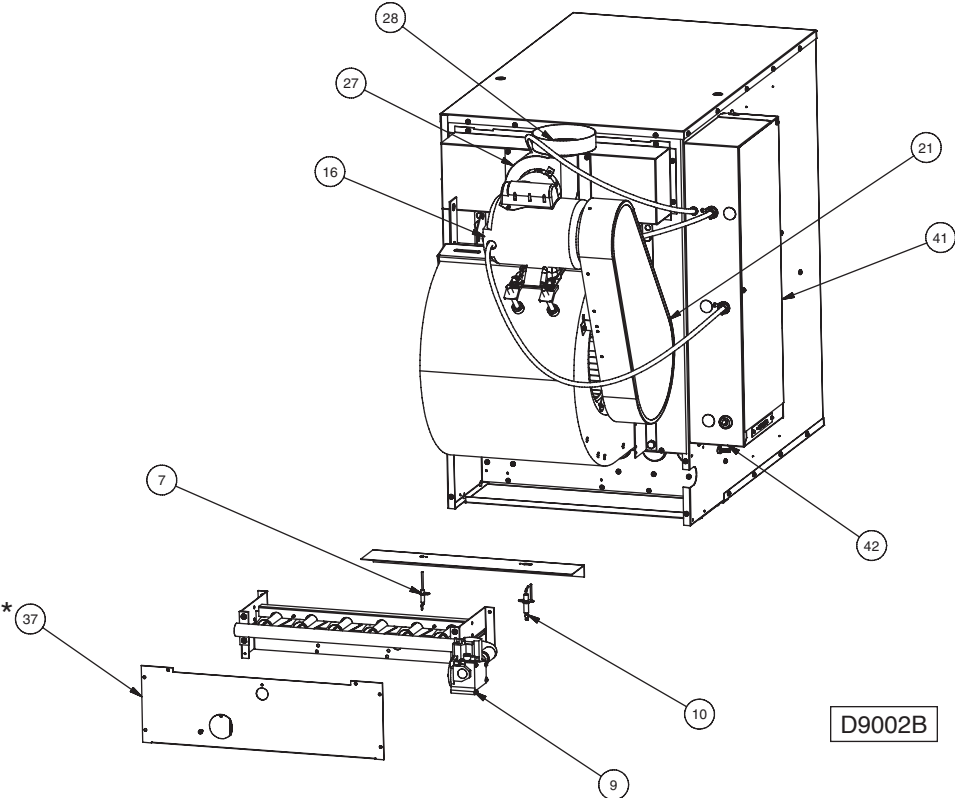


Figure 28 – Rear View



* Item #37 is part of the larger Bottom Jacket Panel & Burner Cover Assembly

SC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 29 – Front View

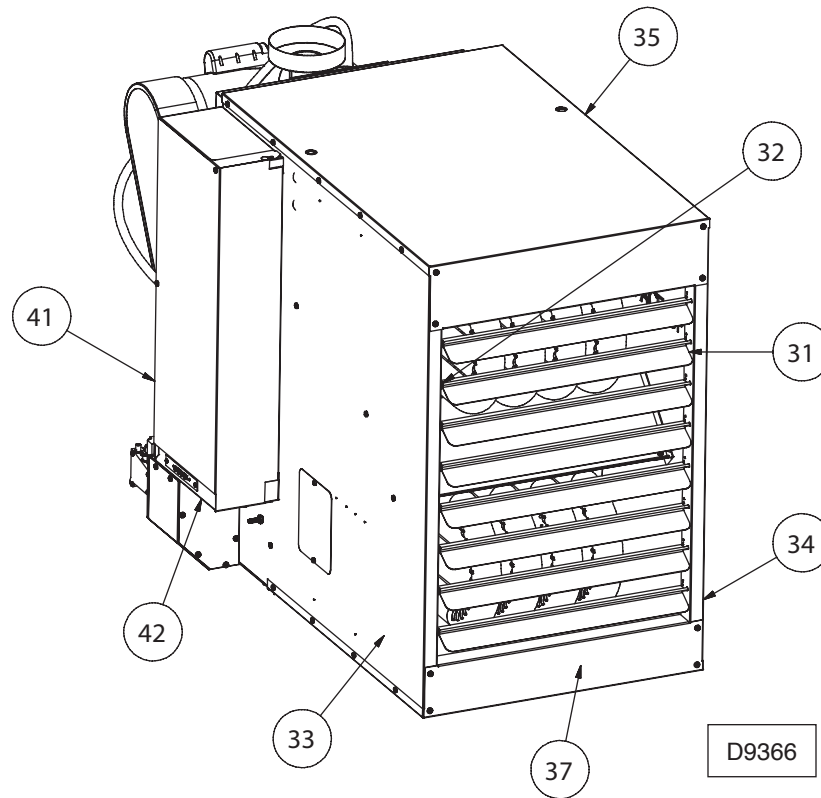
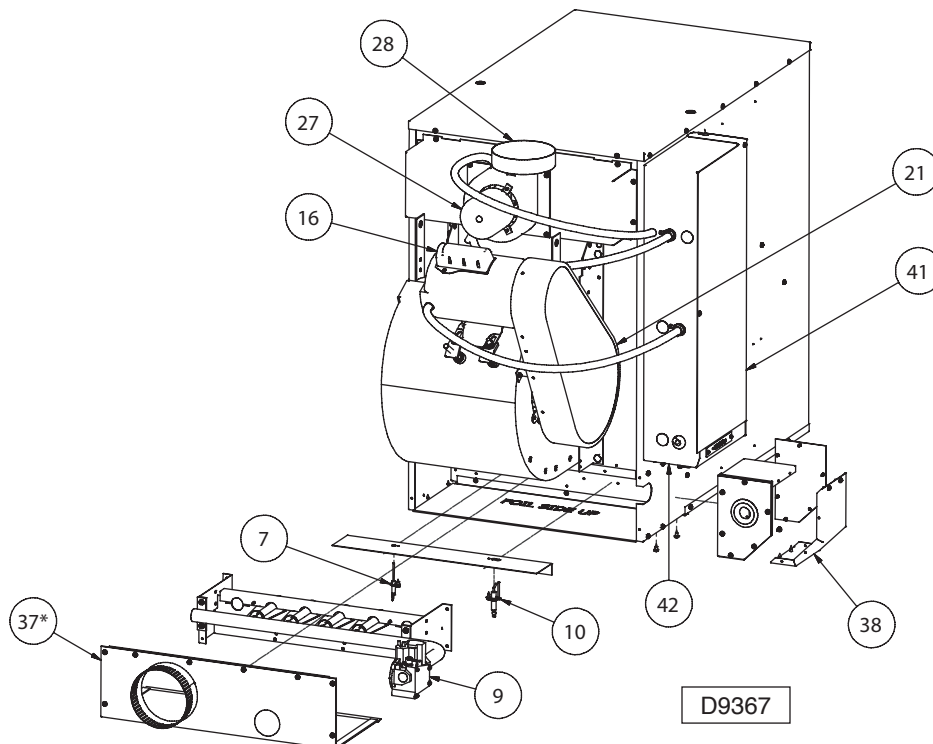


Figure 30 – Rear View



* Item #37 is part of the larger Bottom Jacket Panel & Burner Cover Assembly

TC, SC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 31 – Exploded View - Less Jacketry and Controls, Single Blower

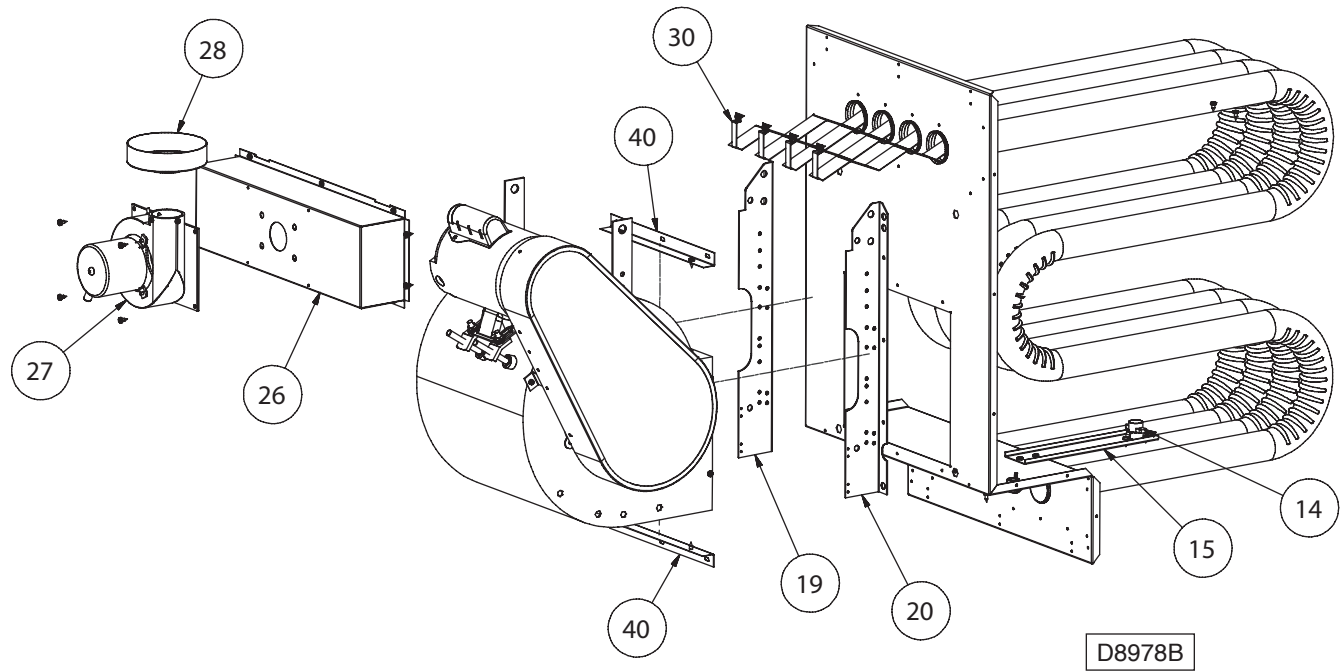
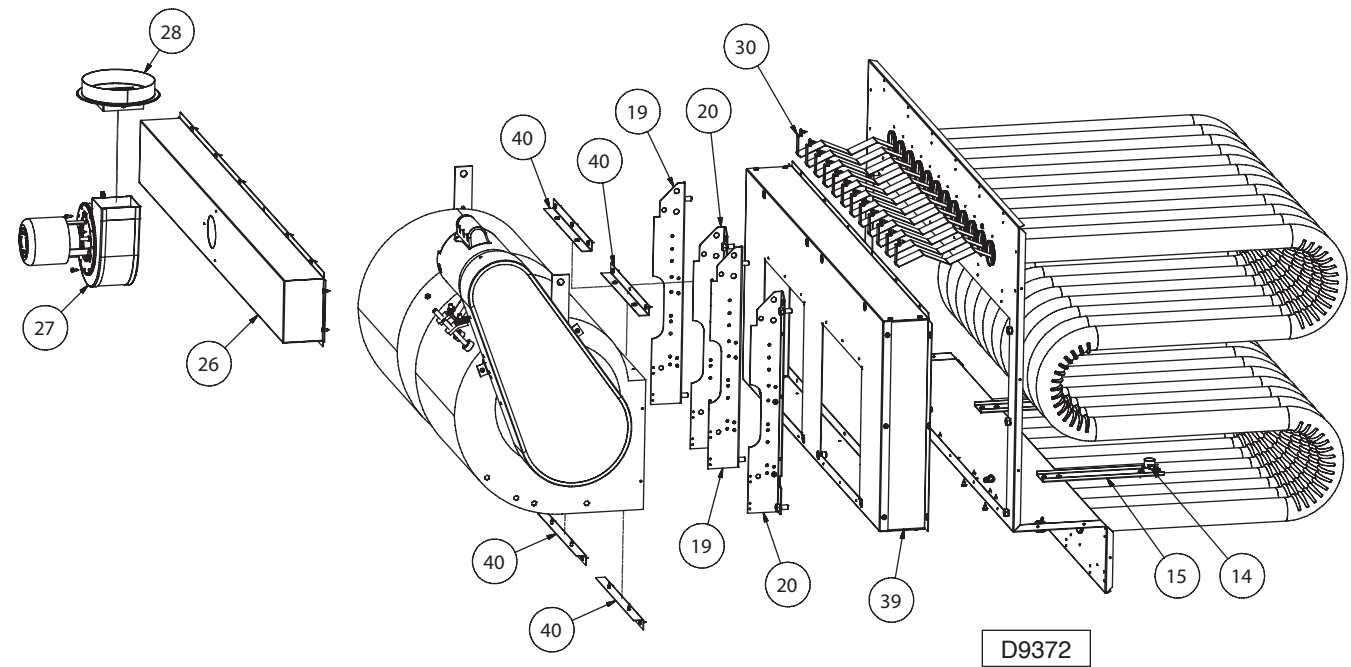


Figure 32 – Exploded View - Less Jacketry and Controls, Dual Blower



TC, SC SERIES 100-400 MBH REPLACEMENT PARTS

Figure 33 – Vestibule Panel/Tube Assembly (Heat Exchanger)

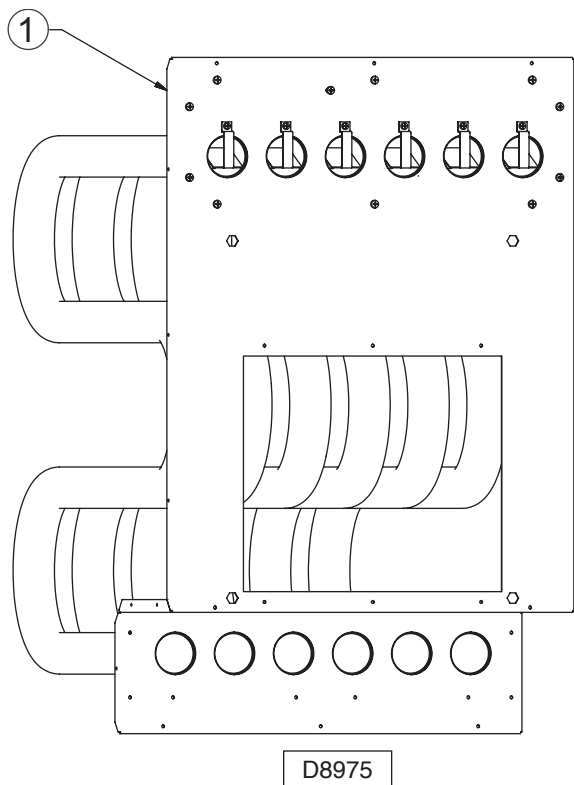


Figure 34 – Electrical Control Panel

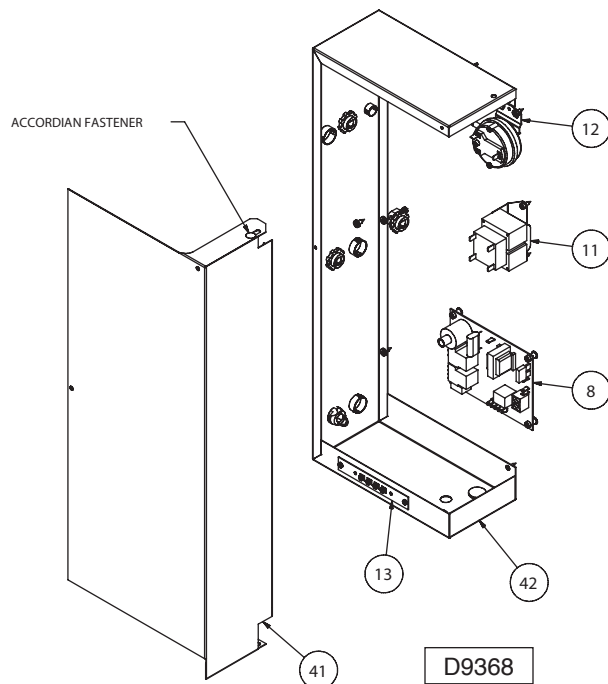


Figure 35 – Manifold Burner Assembly

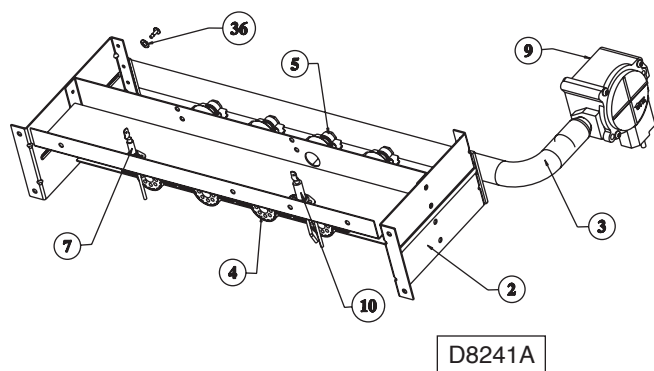
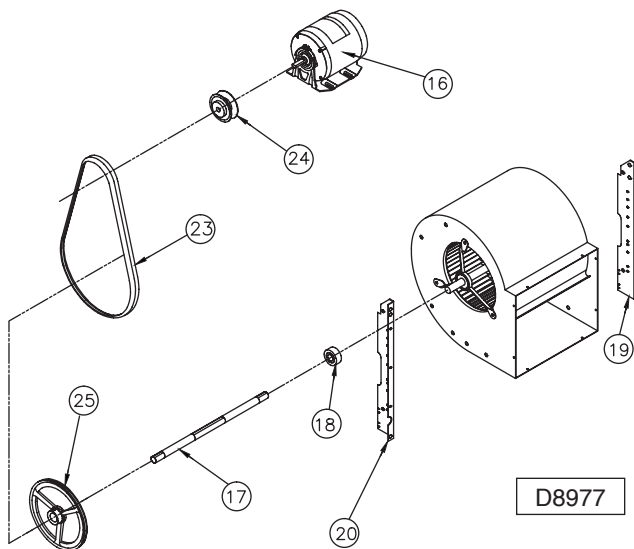


Figure 36 – Blower Assembly



TC, SC SERIES 100-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)				100	125
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER CAPACITY				4	5
	ITEM DESCRIPTION			TC	SC	PART NO.
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ¹	Aluminized Steel	X	X	11507R08879-004	11507R08879-005
		409 Stainless Steel	Opt'l	Opt'l	11507R08879-104	11507R08879-105
2	Manifold Bracket Sub-Ass'y		X	X	11261R04965-004	
3	Manifold		X	X	11J37R04277	11J37R04278
4	Inshot Burner	Aluminized Steel	X	X	11J37R03935	11J37R03935
		304L Stainless Steel	Opt'l	Opt'l	11J37R06754	11J37R06754
5	Standard Orifice	Natural Gas (#42)	X	X	11J36R04694-028	11J36R04694-028
		Propane (LP) Gas (#53)	Opt'l	Opt'l	11512R08532-013	11512R08532-013
7	Flame Sensor		X	X	11J38R06890-003	
8	Control Board		X	X	11J28R06881	
9	Direct Spark Gas Valve, Single Stage ²	Natural Gas	X	X	11J28R06892-001	
		Propane (LP) Gas	Opt'l	Opt'l	11J28R06892-002	
	Direct Spark Gas Valve, Two Stage ²	Natural Gas	Opt'l	Opt'l	11J28R06894-001	
		Propane (LP) Gas	Opt'l	Opt'l	11J28R06894-002	
10	Spark Ignitor		X	X	11J38R06891-001	
11	Transformer, 50 VA, 115/24		X	X	11J14R03245-012	
12	Air Pressure Switch	Std Alt (0-4,999 ft)	X	N/A	11J11R06779-001	
		High Alt (5,000 ft+)	Opt'l	N/A	11J11R06780-001	
		Std Alt (0-4,999 ft)	N/A	X	11J11R06778-003	
		High Alt (5,000 ft+)	N/A	Opt'l	11J11R06778-005	
13	Terminal Block Plate		X	X	11J11R04609	
14	High Limit Switch [Qty Req'd per Capacity]		X	X	11J11R00306-002 [1]	
15	High Limit Bracket [Qty Req'd per Capacity]		X	X	11252R04469 [1]	
16	Blower Motor		X	X	See Page 30 - Blower Motors	
	Blower Assembly ³ [Qty Req'd]		X	X	11J35R08621 [1]	11J35R08622 [1]
17	Blower Shaft ⁴		X	X	Avail as Kit only	11J35R00540-002
18	Main Bearing ⁴ [Qty Req'd]		X	X	Avail as Kit only	11J42R00433-008 [2]
19	Blower Housing Support (LH)		X	X	11252R03490-001	
20	Blower Housing Support (RH)		X	X	11252R03490-002	
21	Belt Guard		X	X	11253R04403-001	11253R04403-002
23	V-Belt Standard		X	X	11J47RA47	11J47RA41
24	Drive Pulley (Standard) - A.K.A. Motor Sheave		X	X	11J35R1VL44X1/2	11J35R1VL44X5/8
25	Driven Pulley (Standard) - A.K.A. Blower Pulley		X	X	11J35RAL84X3/4K	
26	Flue Collector ⁵	Aluminized Steel	X	N/A	11507R03918-004	11507R03918-005
		409 Stainless Steel	Opt'l	N/A	11507R03918-104	11507R03918-105
		Aluminized Steel	N/A	X	11507R03918-004	11507R03918-005
		409 Stainless Steel	N/A	Opt'l	11507R03918-104	11507R03918-105
27	Power Venter Assembly		X	X	11J35R04700	
28	Flue Collar Assembly		X	X	11257R05062	
30	Turbulator ¹		X	X	11501R03893	11501R03893
31	Louver [8 Req'd per Capacity]		X	X	11257R04587-108	
32	Louver Spring [8 Req'd per Capacity]		X	X	11J26R01960	
33	Right Side Jacket Panel w/ Insulation		X	X	11251R08909-10R	
34	Left Side Jacket Panel w/ Insulation		X	X	11251R08909-10L	
35	Top Jacket Panel w/ Insulation		X	X	11251R06364-004	
37	Bottom Jacket Panel w/ Insulation & Burner Cover Assembly		X	X	11257R09063-004	
38	Separated Combustion Chamber ⁶		N/A	X	11257R09056-004	
39	Blower Mounting Extension Assembly		X	X	N/A	
40	Blower Block Off Bracket [Qty Req'd]		X	X	11252R08921 [2]	11252R08922 [2]
41	Electrical Control Box Cover		X	X	11257R08990	
42	Electrical Control Box Base (Wrapper)		X	X	11257R08991	
36	Washer [4 per Unit]		X	X	11J24R00326-005	
N/S	Green Ground Screw		X	X	11J21R01287	
N/S	Vinyl Tubing (Pressure Switch)		X	X	11261R04964-002	
N/S	Molex Connector Assembly		X	X	11J11R06887-001	
N/S	Ignition Cable - 36 Inches Long		X	X	11J28R06971-002	

Notes:

- Turbulators are included in Vestibule Panel/Tube Assembly (Heat Exchanger).
- If replacing the direct spark gas valve on a 250 MBH unit manufactured before September 23, 2013, choose the gas valve listed above for 300 MBH units.
- Blower Assembly includes housing, wheel, and bearing (spider) brackets. 11J35R08621 also includes shaft and bearings.
- Blower Assembly parts not sold separately for 100 MBH units.
- When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV sealant.
- Field assembly required.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable, Opt'l - Optional Equipment

150	175	200	250	300	350	400	ITEM NO.
6	7	8	10	12	14	16	
PART NO.							
11507R08879-006	11507R08879-007	11507R08879-008	11507R08879-010	11507R08879-012	11507R08879-014	11507R08879-016	1
11507R08879-106	11507R08879-107	11507R08879-108	11507R08879-110	11507R08879-112	11507R08879-114	11507R08879-116	
11261R04965-004	11261R04965-007			11261R04965-012			2
11J37R04278	11J37R04279		11J37R04280	11J37R04281	11J37R04282	11J37R04283	3
11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	11J37R03935	4
11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	11J37R06754	
11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	11J36R04694-028	5
11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	11512R08532-013	
11J38R06890-003							7
11J28R06881							8
11J28R06892-001				11J28R06893-001			9
11J28R06892-002				11J28R06893-002			
11J28R06894-001				11J28R06895-001			
11J28R06894-002				11J28R06895-002			
11J38R06891-001							10
11J14R03245-012							11
11J11R06779-001	11J11R06779-002			11J11R06779-001			12
11J11R06780-001	11J11R06780-002			11J11R06780-001			
11J11R06778-003	11J11R06778-004			11J11R06778-003			
11J11R06778-005	11J11R06778-006			11J11R06778-005			
11J11R04609							13
11J11R00306-002 [1]				11J11R00306-002 [2]			14
11252R04469 [1]				11252R04469 [2]			15
See Page 30 - Blower Motors							16
11J35R08622 [1]	11J35R08623 [1]			11J35R08622 [2]	11J35R08623 [2]		
11J35R00540-002	11J35R00540-003			11J35R01974	11J35R01975		17
11J42R00433-008 [2]	11J42R00433-009 [2]			11J42R00433-008 [3]	11J42R00433-009 [3]		18
11252R03490-001							19
11252R03490-002							20
11253R04403-002	11253R04403-003			11253R04403-002	11253R04403-003		21
11J47RA47	11J47RA43			11J47RA41	11J47RA44	11J47RA46	23
11J35R1VL44X5/8	11J35R1VL34X5/8		11J35R1VL44X5/8			11J35R1VL34X5/8	24
11J35RAL84X3/4K	11J35RAL84X1KEY			11J35RAL84X3/4K	11J35RAL84X1KEY		25
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R03922-016	26
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R03922-116	
11507R03918-006	11507R03920-007	11507R03920-008	11507R03920-010	11507R03922-012	11507R03922-014	11507R08997-016	
11507R03918-106	11507R03920-107	11507R03920-108	11507R03920-110	11507R03922-112	11507R03922-114	11507R08997	
11J35R04700	11J35R04581			11507R04595			27
11257R05062	11507R04532			11507R04600			28
11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	11501R03893	30
11257R04587-108	11257R04587-109			11257R04587-110			31
11J26R01960							32
11251R08909-10R							33
11251R08909-10L							34
11251R06364-004	11251R06364-007			11251R06364-012			35
11257R09063-004	11257R09063-007			11257R09063-012			37
11257R09056-004				11257R09056-010			38
N/A	11510R08841-007			11510R08841-012	11510R08841-014		39
11252R08922 [2]	11252R08923 [2]			11252R08922 [4]	11252R08923 [4]		40
11257R08990							41
11257R08991							42
11J24R00326-005							36
11J21R01287							N/S
11261R04964-002	11261R04964-003			11261R04964-004			N/S
11J11R06887-001							N/S
11J28R06971-002							N/S

XC, TC, SC SERIES 100-400 MBH REPLACEMENT PARTS BLOWER MOTORS

All replacement blower motor part numbers: 11J31R00XXX-XXX
Complete the part number by making appropriate selection below.

[SV] Supply Voltage		[1] - 115/1/60				[2] - 208/1/60				[3] - 230/1/60			
[MT] Motor Type		[1] ODP	[2] TE	[3] PEODP	[4] PETE	[1] ODP	[2] TE	[3] PEODP	[4] PETE	[1] ODP	[2] TE	[3] PEODP	[4] PETE
[MS] Motor Size	1/4 HP	101-001	201-001	301-001	401-001	101-002	201-002	N/A	401-001	101-002	201-001	301-003	401-001
	1/2 HP	103-001	203-001	303-001	403-001	103-002	N/A	303-001	N/A	103-002	203-001	303-001	403-001
	3/4 HP	104-001	204-001	304-001	404-001	104-002	204-001	304-001	N/A	104-002	204-001	304-001	404-001
	1 HP	105-001	205-001	305-001	405-001	105-001	205-001	N/A	N/A	105-001	205-001	305-001	405-001
	1-1/2 HP	106-001	206-001	306-001	406-001	106-001	206-001	N/A	N/A	106-001	206-001	306-001	406-001
	2 HP	107-001	207-001	307-001	407-001	107-002	207-001	N/A	N/A	107-001	207-003	307-001	407-001
[SV] Supply Voltage		[4] - 208/3/60				[5] - 230/3/60				Motor Type [MT] Legend: ODP - Open Drip Proof TE - Totally Enclosed PEODP - Premium Efficiency Open Drip Proof PETE - Premium Efficiency Totally Enclosed			
[MT] Motor Type		[1] ODP	[2] TE	[3] PEODP	[4] PETE	[1] ODP	[2] TE	[3] PEODP	[4] PETE				
[MS] Motor Size	1/4 HP	101-004	201-004	N/A	N/A	101-004	201-004	N/A	N/A				
	1/2 HP	103-004	203-004	303-004	403-004	103-004	203-004	303-004	403-004				
	3/4 HP	104-004	204-004	304-004	N/A	104-004	204-004	304-004	404-005				
	1 HP	105-004	205-004	305-004	405-004	105-004	205-004	305-004	405-004				
	1-1/2 HP	106-004	206-004	306-004	406-004	106-004	206-004	306-004	406-005				
	2 HP	107-004	N/A	307-004	407-004	107-004	N/A	307-004	407-004				
[SV] Supply Voltage		[6] - 460/3/60				[7] - 575/3/60							
[MT] Motor Type		[1] ODP	[2] TE	[3] PEODP	[4] PETE	[1] ODP	[2] TE	[3] PEODP	[4] PETE				
[MS] Motor Size	1/4 HP	101-004	201-004	N/A	N/A	N/A	N/A	N/A	N/A				
	1/2 HP	103-004	203-004	303-006	403-004	103-007	203-007	N/A	N/A				
	3/4 HP	104-004	204-004	304-004	404-005	104-007	204-007	N/A	N/A				
	1 HP	105-004	205-004	305-004	405-004	105-007	205-007	305-007	405-007				
	1-1/2 HP	106-004	206-004	306-004	406-005	106-007	N/A	306-007	406-007				
	2 HP	107-006	N/A	307-006	407-006	N/A	N/A	307-007	407-007				

Note: All motors supplied with CONTACTOR ONLY [MS = A, C, D, F, G, H] use contactor
11J10R06276-015

XC, TC, SC SERIES 100-400 MBH REPLACEMENT PARTS MAGNETIC STARTER COMPONENTS

Note: Magnetic Starters consist of a contactor and overload relay.

[SV] Supply Voltage	HP	[MT] Motor Type							
		[1] ODP		[2] TE		[3] PEODP		[4] PETE	
		Contactor	Overload	Contactor	Overload	Contactor	Overload	Contactor	Overload
[1] 115/1/60	1/4	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021
	3/4	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
	1	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
	2	11J10R06276-015	11J10R06277-023	11J10R06276-015	11J10R06277-023	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
[2] 208/1/60	1/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	N/A	N/A	11J10R06276-015	11J10R06277-021
	1/2	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	N/A	N/A
	3/4	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	N/A	N/A
	1	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	N/A	N/A	N/A	N/A
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	N/A	N/A	N/A	N/A
	2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-023	N/A	N/A	N/A	N/A
[3] 230/1/60	1/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1/2	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	3/4	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021
	1	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
	2	11J10R06276-015	11J10R06277-023	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
[4] 208/3/60	1/4	11J10R06276-015	11J10R06277-021	11J10R06276-017	11J10R06277-025	N/A	N/A	N/A	N/A
	1/2	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	3/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	N/A	N/A
	1	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-022
	2	11J10R06276-015	11J10R06277-022	N/A	N/A	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
[5] 230/3/60	1/4	11J10R06276-015	11J10R06277-021	11J10R06276-017	11J10R06277-025	N/A	N/A	N/A	N/A
	1/2	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	3/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	2	11J10R06276-015	11J10R06277-022	N/A	N/A	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-022
[6] 460/3/60	1/4	11J10R06276-017	11J10R06277-025	11J10R06276-017	11J10R06277-025	N/A	N/A	N/A	N/A
	1/2	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-017	11J10R06277-025	11J10R06276-015	11J10R06277-021
	3/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1-1/2	11J10R06276-015	11J10R06277-022	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	2	11J10R06276-015	11J10R06277-021	N/A	N/A	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
[7] 575/3/60	1/4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1/2	11J10R06276-017	11J10R06277-025	11J10R06276-017	11J10R06277-025	N/A	N/A	N/A	N/A
	3/4	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	N/A	N/A	N/A	N/A
	1	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	1-1/2	11J10R06276-015	11J10R06277-021	N/A	N/A	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021
	2	N/A	N/A	N/A	N/A	11J10R06276-015	11J10R06277-021	11J10R06276-015	11J10R06277-021

Motor Type [MT] Legend:

ODP - Open Drip Proof

TE - Totally Enclosed

PEODP - Premium Efficiency Open Drip Proof

PETE - Premium Efficiency Totally Enclosed

TD SERIES

TUBULAR GAS FIRED DUCT FURNACE

UNIT NUMBER DESCRIPTION

Digit	T	X	X	X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+
Item	Prefix				UT	CA			FT	FM	GT	AL	GC	SV	MT	MS	DL	AS		

(Internal Use Only)

1, 2 - Unit Type [UT]
TD - Tubular Duct Furnace

- 3, 4, 5 - Capacity [CA]**
100 - 100,000 BTU/HR
150 - 150,000 BTU/HR
200 - 200,000 BTU/HR
250 - 250,000 BTU/HR
300 - 300,000 BTU/HR
350 - 350,000 BTU/HR
400 - 400,000 BTU/HR

- 6 - Furnace Type [FT]**
A - Left Side Access
Note: Field convertible to right side access; refer to unit installation instructions.

- 7 - Heat Exchanger (Furnace) Material [FM]**
1 - Standard (Aluminized) Steel
2 - 409 Stainless Steel
Note: Heat Exchanger Material [FM] selection includes flue collector material.

- 8 - Gas Type [GT]**
N - Natural Gas
P - Propane Gas (LP)

- 9 - Altitude [AL]**
S - 0-4,999 ft.
T - 5,000-11,999 ft.
Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

- 10 - Direct Spark Gas Control [GC]**
1 - Single Stage
2 - Two Stage
3 - Electronic Modulation w/Room Sensing
4 - Electronic Modulation w/Duct Sensing
5 - Electronic Modulation w/Duct Sensing & Room Ovrd. Stat
6 - Electronic Modulation w/External 4-20 mA Input
7 - Electronic Modulation w/External 0-10 VDC Input

- 11 - Supply Voltage [SV]**
1 - 115/1/60 **5** - 230/3/60
2 - 208/1/60 **6** - 460/3/60
3 - 230/1/60 **7** - 575/3/60
4 - 208/3/60 **Z** - Special
Note: Supply Voltages [SV] 2-7 include field mounted step down transformer.

- 12 - Motor Type [MT]**
0 - Not applicable

- 13 - Blower Motor Sizes [MS]**
0 - Not applicable

- 14 - Design Level [DL]**
A - First Design Level

15+ - Accessories [AS]

- FACTORY INSTALLED**
K5 - Airflow Prove Switch
P4 - Terminal Block Wiring
P6 - Summer/Winter Switch

- S5** - 409 Stainless Steel Burners

- † **FIELD INSTALLED (11AS-____)**
 † **All Field Installed Accessories are to be entered as a separate line item using catalog number which utilizes "11AS" as a prefix. i.e: G3 becomes 11AS-G3.**

- A7** - High Pressure Regulator
A7- 1/2-1 Regulator for 0.5-10 PSI
A7- 3/8-1 Regulator for 10-20 PSI
A7- 5/16-1 Regulator for 20-35 PSI

- F1** - 1-Stage T675A Ductstat
F2 - 2-Stage T678A Ductstat

- G1** - 1-Stage Mercury Free Thermostat (Round)
G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
G3 - 1-Stage Mercury Free Thermostat w/Fan Switch
G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
G6 - Locking Thermostat Cover
G9 - 1-Stage Mercury Free Heating Only Thermostat
GW - WiFi Thermostat TH8321WF1001/U

- H5** - Low Ambient Control

- M2-2** - Vent Caps (5") (Capacity 100-200)
M2-3 - Vent Caps (6") (Capacity 250-400)

- P5** - 24V SPST Relay-Specify Purpose

- S4** - Stainless Steel Drip Pan

- X5** - Horizontal and Vertical Louver Kit
X8-H5 - Horiz. Combustion Air Inlet Kit, 5 inch (Capacity 100-200)
X8-H6 - Horiz. Combustion Air Inlet Kit, 6 inch (Capacity 250-400)
X8-V5 - Vert. Combustion Air Inlet Kit, 5 inch (Capacity 100-200)
X8-V6 - Vert. Combustion Air Inlet Kit, 6 inch (Capacity 250-400)
X9-DBL-5 - Air Inlet Kit, 5 inch (Capacity 100-200)
X9-DBL-6 - Air Inlet Kit, 6 inch (Capacity 250-400)

TD SERIES 100-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)		100
	NO. OF TUBES, BURNERS, ORIFICES REQ'D PER CAPACITY		2
	ITEM DESCRIPTION		PART NO.
1	Vestibule Panel/Tube Ass'y (Heat Exchanger) ¹ (includes Flue Collector)	Aluminized Steel	11507R09171-100
		409 Stainless Steel	11507R09171S100
2	Manifold		11J37R09190-100
3	Manifold Bracket Sub-Ass'y		11503R09191-100
4	Inshot Burner	Aluminized Steel	11J37R08258-001
		409 Stainless Steel	11J37R08258-002
5	Standard Orifice	Natural Gas (3.4mm)	11262R04694-3.4
		Propane (LP) Gas (#45)	11512R08532-024
6	Direct Spark Gas Valve, Single Stage	Natural Gas	11J28R06892-001
		Propane (LP) Gas	11J28R06892-002
	Direct Spark Gas Valve, Two Stage	Natural Gas	11J28R06894-001
		Propane (LP) Gas	11J28R06894-002
7	Gas Inlet Pipe		11503R09442-001
8	Gas Inlet Grommet		11J07R02872-001
9	Flame Sensor		11J38R06890-003
10	Spark Ignitor		11J38R06891-001
11	Control Board		11J28R06881
12	Transformer, 50 VA, 115/24		11J14R03245-012
13	Air Pressure Switch	Std Alt (0-4,999 ft)	11J11R06780-010
		High Alt (5,000 ft+)	11J11R06780-008
14	Control Sub-Panel		11257R09239
15	Terminal Block Plate		11J11R04609
16	High Limit Switch [Qty Req'd per Capacity]		11J11R09359 [1]
17	Flue Collector ¹		
18	Flue Collector Gasket ¹		11262R09418-100
19	Flue Collector Cover Panel ¹	Aluminized Steel	11257R09242-100
		409 Stainless Steel	11257R09242S100
20	Power Venter (Drafter) Assembly		11262R04581
N/S	Power Venter (Drafter) Gasket		11262R09401-100
21	Power Venter (Drafter) Extension/Stand-Off		11257R09224-100
22	Flue Collar Assembly		11251R09199-001
23	Air Inlet Screen		11507R09355-100
24	Baffle		11257R09185-100
25	Top Jacket Panel w/ Insulation		11251R09186-100
26	Bottom Jacket Panel w/ Insulation		11251R09184-100
27	Right Side Jacket Panel w/ Insulation		11251R09204-100
28	Left Side Jacket A.K.A. Access Panel w/ Insulation		11251R09269-100
29	Rear Jacket Panel w/ Insulation		11251R09247-100
30	Front Jacket Panel w/ Insulation		11251R09245-100
31	Peep Hole Sight Glass		11J07R08348-001
N/S	Washer [4 per Unit]		11J24R03637-001
N/S	Green Ground Screw		11J21R01287
N/S	Vinyl Tubing (Pressure Switch)		11261R04964-005
N/S	Molex Connector Assembly		11J11R06887-001
N/S	Ignition Cable - 36 Inches Long		11J28R06971-002

Notes:

1. Flue Collector, Flue Collector Gasket, Flue Collector Cover Panel are included in Vestibule Panel/Tube Assembly (Heat Exchanger).

LEGEND: N/S - Part Not Shown

150	200	250	300	350	400	ITEM NO.
3	4	5	6	7	8	
PART NO.						
11507R09171-150	11507R09171-200	11507R09171-250	11507R09171-300	11507R09171-350	11507R09171-400	1
11507R09171S150	11507R09171S200	11507R09171S250	11507R09171S300	11507R09171S350	11507R09171S400	
11J37R09190-150	11J37R09190-200	11J37R09190-250	11J37R09190-300	11J37R09190-350	11J37R09190-400	2
11503R09191-150	11503R09191-200	11503R09191-250	11503R09191-300	11503R09191-350	11503R09191-400	3
11J37R08258-001	11J37R08258-001	11J37R08258-001	11J37R08258-001	11J37R08258-001	11J37R08258-001	4
11J37R08258-002	11J37R08258-002	11J37R08258-002	11J37R08258-002	11J37R08258-002	11J37R08258-002	
11262R04694-3.4						5
11512R08532-024						
11J28R06892-001	11J28R06893-001					6
11J28R06892-002	11J28R06893-002					
11J28R06894-001	11J28R06895-001					
11J28R06894-002	11J28R06895-002					
11503R09442-001	11503R09442-002					7
11J07R02872-001	11J07R02872-002					8
11J38R06890-003						9
11J38R06891-001						10
11J28R06881						11
11J14R03245-012						12
11J11R06780-010	11J11R06780-007	11J11R06779-002				13
11J11R06780-008	11J11R06780-010	11J11R06780-002				
11257R09239						14
11J11R04609						15
11J11R09359 [2]	11J11R09359 [2]	11J11R09359 [1]	11J11R09359 [2]	11J11R09359 [2]	11J11R09359 [2]	16
Included in Vestibule Panel/Tube Assembly - Not Available Separately						17
11262R09418-100		11262R09418-250				18
11257R09242-150	11257R09242-200	11257R09242-250	11257R09242-300	11257R09242-350	11257R09242-400	19
11257R09242S150	11257R09242S200	11257R09242S250	11257R09242S300	11257R09242S350	11257R09242S400	
11262R04581		1270R0120.03				20
11262R09401-100		11262R09401-250				N/S
11257R09224-100		11257R09224-250				21
11251R09199-001		11251R09199-002				22
11507R09355-100		11507R09355-250				23
11257R09185-150	11257R09185-200	11257R09185-250	11257R09185-300	11257R09185-350	11257R09185-400	24
11251R09186-100		11251R09186-250				25
11251R09184-100		11251R09184-250				26
11251R09204-150	11251R09204-200	11251R09204-250	11251R09204-300	11251R09204-350	11251R09204-400	27
11251R09269-150	11251R09269-200	11251R09269-250	11251R09269-300	11251R09269-350	11251R09269-400	28
11251R09247-150	11251R09247-200	11251R09247-250	11251R09247-300	11251R09247-350	11251R09247-400	29
11251R09245-150	11251R09245-200	11251R09245-250	11251R09245-300	11251R09245-350	11251R09245-400	30
11J07R08348-001						31
11J24R03637-001						N/S
11J21R01287						N/S
11261R04964-005						N/S
11J11R06887-001						N/S
11J28R06971-002						N/S

XF, XC, TF, TC, SF, SC, TD SERIES 100-400 MBH REPLACEMENT PARTS GAS CONTROL OPTIONS [GC]: 3-7*

ITEM DESCRIPTION	[GC] GAS CONTROL OPTION(S)	PART NO.		
		100	125**	150
UNIT CAPACITY (MBH)		100	125**	150
Maxitrol Amplifier A1010U	[3], [4], [5]	11J28R00855-005		
Maxitrol Signal Conditioner SC10C-B6S1	[6], [7]	11J28R03716		
Maxitrol MR Valve 410 1/2" Natural Gas	ALL	11J28R00760-001		
Maxitrol MR Valve 410H 1/2" Propane (LP) Gas		11J28R00760-006		
Maxitrol MR Valve 510 3/4" Natural Gas		N/A	N/A	N/A
Maxitrol MR Valve 510H 3/4" Propane (LP) Gas		N/A	N/A	N/A
Maxitrol MR Valve 610 3/4" Natural Gas		N/A	N/A	N/A
Maxitrol MR Valve 610H 3/4" Propane (LP) Gas		N/A	N/A	N/A
Maxitrol Room Sensor T120		[3]	11J13R00856	
Maxitrol Duct Sensor TS121 and MT1-12	[4], [5]	11J13R00859		
Maxitrol Remote Set Point Selector TD121	[4], [5]	11J13R00858		
Maxitrol Room Override Thermostat T115	[5]	11J13R00857		
Transformer, 40 VA, 115/24	ALL	11J14R03245-011		
Unit Capacity (MBH)		175**	200	250
Maxitrol Amplifier A1010U	[3], [4], [5]	11J28R00855-005		
Maxitrol Signal Conditioner SC10C-B6S1	[6], [7]	11J28R03716		
Maxitrol MR Valve 410 1/2" Natural Gas	ALL	N/A	N/A	N/A
Maxitrol MR Valve 410H 1/2" Propane (LP) Gas		N/A	N/A	N/A
Maxitrol MR Valve 510 3/4" Natural Gas		11J28R00760-003		
Maxitrol MR Valve 510H 3/4" Propane (LP) Gas		11J28R00760-008		
Maxitrol MR Valve 610 3/4" Natural Gas		N/A	N/A	N/A
Maxitrol MR Valve 610H 3/4" Propane (LP) Gas		N/A	N/A	N/A
Maxitrol Room Sensor T120		[3]	11J13R00856	
Maxitrol Duct Sensor TS121 and MT1-12	[4], [5]	11J13R00859		
Maxitrol Remote Set Point Selector TD121	[4], [5]	11J13R00858		
Maxitrol Room Override Thermostat T115	[5]	11J13R00857		
Transformer, 40 VA, 115/24	ALL	11J14R03245-011		
Unit Capacity (MBH)		300	350	400
Maxitrol Amplifier A1010U	[3], [4], [5]	11J28R00855-005		
Maxitrol Signal Conditioner SC10C-B6S1	[6], [7]	11J28R03716		
Maxitrol MR Valve 410 1/2" Natural Gas	ALL	N/A	N/A	N/A
Maxitrol MR Valve 410H 1/2" Propane (LP) Gas		N/A	N/A	N/A
Maxitrol MR Valve 510 3/4" Natural Gas		11J28R00760-003	N/A	N/A
Maxitrol MR Valve 510H 3/4" Propane (LP) Gas		11J28R00760-008	N/A	N/A
Maxitrol MR Valve 610 3/4" Natural Gas		N/A	11J28R00760-004	
Maxitrol MR Valve 610H 3/4" Propane (LP) Gas		N/A	11J28R00760-009	
Maxitrol Room Sensor T120		[3]	11J13R00856	
Maxitrol Duct Sensor TS121 and MT1-12	[4], [5]	11J13R00859		
Maxitrol Remote Set Point Selector TD121	[4], [5]	11J13R00858		
Maxitrol Room Override Thermostat T115	[5]	11J13R00857		
Transformer, 40 VA, 115/24	ALL	11J14R03245-011		

Notes:

* Gas Control [GC] options 4, 5 are not applicable to propeller units (XF, TF, SF Series).

** TD Series units are not available in [CA] 125, 175 MBH.

XF, XC, TF, TC, SF, SC, GF, TD SERIES 100-400 MBH REPLACEMENT PARTS FIELD/FACTORY INSTALLED ACCESSORIES AND MISC.

DESCRIPTION [ACCESSORY OPTION NO.]	PART NO.
Field Installed Options, Thermostats, Misc.	
Pressure Regulator (0.5 to 10 PSI) Natural Gas [A7-1/2-1]	11ASRA7-1/2-1
Pressure Regulator (10 to 20 PSI) Natural Gas [A7-3/8-1]	11ASRA7-3/8-1
Pressure Regulator (20 to 35 PSI) Natural Gas [A7-5/16-1]	11ASRA7-5/16-1
Single Stage T675A Ductstat [F1] (XC/TC/SC, TD Only)	11ASRF1
TwoStage T678A Ductstat [F2] (XC/TC/SC, TD Only)	11ASRF2
1-Stage Thermostat, Round [G1] *	11ASRG1
1-Stage Thermostat w/ Guard Kit [G2] *	11ASRG2
1-Stage Thermostat w/ Fan Switch [G3] *	11ASRG3
2-Stage Thermostat w/ Fan Switch [G5] *	11ASRG5
1-Stage Heating Only Thermostat [G9] *	11J13R08431
WiFi Thermostat TH8321WF1001/U [GW] *	11ASRGW
Universal Thermostat Guard/Locking Cover [G6]	11J13R00954
Low Ambient Control [H5] (Excludes GF)	11ASRH5
Vent Cap 5" (100- 250) [M2-2]	11J37R02222-002
Vent Cap 6" (300-400) [M2-3]	11J37R02222-003
24V SPST Relay [P5]	11J10R00818-003
Stainless Steel Drip Pan (TD ONLY) [S4]	11ASRS4
30 Degree Nozzle Kit (100-150) [X2-001] (Excludes GF, TD)	11ASRX2-001
30 Degree Nozzle Kit (175-250) [X2-002] (Excludes GF, TD)	11ASRX2-002
30 Degree Nozzle Kit (300-400) [X2-003] (Excludes GF, TD)	11ASRX2-003
60 Degree Nozzle Kit (100-150) [X3-001] (Excludes GF, TD)	11ASRX3-001
60 Degree Nozzle Kit (175-250) [X3-002] (Excludes GF, TD)	11ASRX3-002
60 Degree Nozzle Kit (300-400) [X3-003] (Excludes GF, TD)	11ASRX3-003
90 Degree Nozzle Kit (100-150) [X4-001] (Excludes GF, TD)	11ASRX4-001
90 Degree Nozzle Kit (175-250) [X4-002] (Excludes GF, TD)	11ASRX4-002
90 Degree Nozzle Kit (300-400) [X4-003] (Excludes GF, TD)	11ASRX4-003
Vertical Louver Kit (XF/TF/SF 100-150) [X5-104]	11ASRX5-104
Vertical Louver Kit (XF/TF/SF 175-250) [X5-107]	11ASRX5-107
Vertical Louver Kit (XF/TF/SF 300-400) [X5-112]	11ASRX5-112
Vertical Louver Kit (XC/TC/SC 100-150) [X5-304]	11ASRX5-304
Vertical Louver Kit (XC/TC/SC 175-250) [X5-307]	11ASRX5-307
Vertical Louver Kit (XC/TC/SC 300-400) [X5-312]	11ASRX5-312
Horizontal & Vertical Louver Kit (TD) [X5]	11ASRX5-[CA]**
Horizontal Combustion Air Inlet Kit, 5 Inch (XF/XC/SF/SC 100-250) [X7-H5]	11ASRX7-H5
Horizontal Combustion Air Inlet Kit, 6 Inch (XF/XC/SF/SC 300-400) [X7-H6]	11ASRX7-H6
Vertical Combustion Air Inlet Kit, 5 Inch (XF/XC/SF/SC 100-250) [X7-V5]	11ASRX7-V5
Vertical Combustion Air Inlet Kit, 6 Inch (XF/XC/SF/SC 300-400) [X7-V6]	11ASRX7-V6
Horizontal Combustion Air Inlet Kit, 5 Inch (TD 100-200) [X8-H5]	11ASRX8-H5
Horizontal Combustion Air Inlet Kit, 6 Inch (TD 250-400) [X8-H6]	11ASRX8-H6
Vertical Combustion Air Inlet Kit, 5 Inch (TD 100-200) [X8-V5]	11ASRX8-V5
Vertical Combustion Air Inlet Kit, 6 Inch (TD 250-400) [X8-V6]	11ASRX8-V6
Air Inlet Kit, 5 Inch (TD 100-200) [X9-DBL-5]	11ASRX9-DBL-5
Air Inlet Kit, 6 Inch (TD 250-400) [X9-DBL-6]	11ASRX9-DBL-6
Touch Up Paint, 12oz. Spray Can (Dark Gray)	11512R01395-001
High Temp (RTV) Sealant - 2.8oz. Tube	11H03R03612-002
* Mercury Free	
** Horizontal and Vertical Louver Kit for TD must be ordered with the unit capacity as a suffix; i.e. 11AS-X5-250 for a TD-250.	
Factory Installed Options	
Airflow Prove Switch (TD ONLY) [K5]	11ASRK5
Summer/Winter Switch [P6]	11J11R00544
Discharge Duct Flange Ass'y (XC/TC/SC 100-150) [M8]	11257R08987-004
Discharge Duct Flange Ass'y (XC/TC/SC 175-250) [M8]	11257R08987-007
Discharge Duct Flange Ass'y (XC/TC/SC 300-400) [M8]	11257R08987-012

XF, XC, TF, TC, SF, SC, GF, TD SERIES 100-400 MBH REPLACEMENT PARTS

CONVERSION KITS* FOR XF, XC, TF, TC, SF, SC, GF, TD SERIES UNITS WITH DIRECT SPARK IGNITION

(For units manufactured January 1, 2006 and After)

CONVERTING FROM NAT. GAS TO LP GAS

CONVERTING FROM LP GAS TO NAT. GAS

UNIT NO.	CONVERSION KIT NO.	UNIT NO.	CONVERSION KIT NO.
XF/XC/TF/TC/SF/SC/GF-100/400 TD-100/400	11261R06951 11CKNTPDSTD-045	XF/XC/TF/TC/SF/SC/GF-100/400 TD-100/400	11261R06952 11CKPTNDSTD-3.4

* Refer to Installation & Operation Manual for high altitude conversions (above 2,000 feet).

NOTE: When converting a unit that is utilizing a two-stage gas control, the following are needed:

1. Two-stage gas valve of new gas type

2. Conversion Kit

There will be extra items in the conversion kit that can be discarded (i.e. conversion spring).

TRANSFORMERS

CONTROLS TRANSFORMERS

DESCRIPTION	PART NUMBER
115/24, 50VA Controls Transformer	11J14R03245-012
115/24, 50VA for use with Modulation Gas Control Options	11J14R03245-001
208/24, 50VA for use with Modulation Gas Control Options	11J14R03245-010
230/24, 50VA for use with Modulation Gas Control Options	11J14R03245-010

STEP DOWN TRANSFORMERS

UNIT CAPACITY	VOLTAGE			
	208/115	230/115	460/115	575/115
100	11J14R05241-004 (1 kVA)	11J14R02832-004 (1 kVA)	11J14R02832-004 (1 kVA)	11J14R05241-007 (2 kVA)
125				
150				
175				
200				
250				
300	11J14R05241-005 (1.5 kVA)	11J14R02832-011 (1.5 kVA)	11J14R02832-011 (1.5 kVA)	11J14R05241-006 (1.5 kVA)
350	11J14R02832-013 (2 kVA)	11J14R02832-012 (2 kVA)	11J14R02832-012 (2 kVA)	11J14R02832-014 (2 kVA)
400				

TERMS

ALL SHIPMENTS ARE F.O.B. FARMVILLE, N.C.
FREIGHT ROUTING SHALL BE AT THE DISCRETION OF THE SHIPPER

PRICES: Published trade prices in effect at time of receipt of order at our office are firm provided the complete order is released for fabrication and shipment within 6 months from date of receipt of written order at the factory. Releases for shipment after 6 months will be billed on the basis of trade prices in effect at time of release.

No obligation is assumed by this Corporation to sell, to anyone holding this book, any of the items listed herein at the prices stated.

TERMS: Net 30 Days.

Prepaid freight or cartage charges paid by us and added to invoice are not subject to cash discount.

TAXES: The prices listed herein exclude Federal, State, or Municipal Tax applicable to the transaction. Such taxes, where applicable to the transaction should be paid directly to the governing authority by the Purchaser.

CLAIMS: As all goods are shipped at buyer's risk they should be examined carefully before signing transportation delivery receipts. If transportation company tenders delivery of goods in bad order, buyer should insist on transportation agent making notation of conditions on delivery receipt and request an inspection within 48 hours, thus enabling buyer to secure prompt payment of transportation claims filed by him for value of damaged material.

The responsibility of this company ceases upon delivery of goods in order to transportation companies. All orders are accepted subject to delays on account of government requirements, strikes, accidents or other causes beyond our control.

RETURNED GOODS: Goods must not be returned except by written permission from the factory, and when so returned will be accepted only as stated in the following conditions:

1. Special material is not subject to return.
2. All transportation charges for returned goods must be prepaid by shipper.
3. Standard catalogued products may be returned upon written permission. After inspection at the factory, if they are found to be in good condition they will be accepted for credit, subject to a 25% handling charge.
4. No goods will be accepted for return more than 90 days after shipment.

CHANGES TO A RELEASED ORDER – Work commences on release of an order, therefore, an order that is changed will be subject to additional charges for any extra time and material expended.

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.

Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.



260 NORTH ELM ST. WESTFIELD, MA 01085
(413) 564-5540 • FAX: (413) 562-5311
www.sterlinghvac.com



GG SERIES GAS-FIRED TUBULAR UNIT HEATERS

REPLACEMENT PARTS CATALOG

INDEX

UNIT NUMBER DESCRIPTION	2
GG-30/120 REPLACEMENT PARTS	3, 4, 5
OPTIONAL PARTS	6
CONVERSION KITS	7
WARRANTY INFORMATION	8

IMPORTANT
WHEN ORDERING PARTS, PLEASE
SPECIFY UNIT MODEL NO. AND SERIAL NO.



HVAC PRODUCTS

260 NORTH ELM ST. WESTFIELD, MA 01085

(413) 564-5540

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LOW PROFILE TUBULAR PROPELLER UNIT NUMBER DESCRIPTION

Digit	G	X	X	X	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+
Item	Prefix					UT		CA			FT	FM	GT	AL	GC	SV	MT	DL	AS		

(Internal Use Only)

Digit #1, 2 - Unit Type [UT]

GG - Low Profile Tubular Propeller

Digit #3, 4, 5 - Capacity [CA]

030 - 30,000 BTU/HR

045 - 45,000 BTU/HR

060 - 60,000 BTU/HR

075 - 75,000 BTU/HR

090 - 90,000 BTU/HR

105 - 105,000 BTU/HR

120 - 120,000 BTU/HR

Digit #6 - Furnace Type [FT]

A - Right Side Access

Digit #7 - Furnace Material [FM]*

1 - Standard (Aluminized) Steel

2 - 409 Stainless Steel

**Heat Exchanger Tube Material Only.*

Digit #8 - Gas Type [GT]

N - Natural Gas

P - Propane Gas (LP)

Digit #9 - Altitude [AL]

S - 0-4,999 ft.

T - 5,000-11,999 ft.

Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

Digit #10 - Direct Spark Gas Control [GC]

1 - Single Stage (Standard)

2 - Two Stage (Capacities [CA] 060 through 120 only)

Digit #11 - Supply Voltage [SV]

1 - 115/1/60 **5** - 230/3/60

2 - 208/1/60 **6** - 460/3/60

3 - 230/1/60 **7** - 575/3/60

4 - 208/3/60 **Z** - Special

Note: Supply Voltages [SV] 2-7 include field mounted step down transformer.

Digit #12 - Motor Type [MT]

1 - Open Drip Proof (Standard)

2 - Totally Enclosed (Capacities [CA] 060 through 120 only)

Digit #13 - Development Level [DL]

C - Production Onset

Digit #14+ - Accessories [AS]

FACTORY INSTALLED

S3 - 409 Stainless Steel Flue Collector

Z1 - Special

FIELD INSTALLED (11AS-____)

All Field Installed Accessories are to be entered as a separate line item using catalog number which places "11AS" as a prefix. i.e. G3 becomes 11AS-G3.

A7 - High Pressure Regulator

A7-1/2-1 Regulator for 0.5-10 PSI

A7-3/8-1 Regulator for 10-20 PSI

A7-5/16-1 Regulator for 20-35 PSI

G1 - 1-Stage Mercury Free Thermostat (Round)

G2 - 1-Stage Mercury Free Thermostat w/Guard Kit

G3 - 1-Stage Mercury Free Thermostat w/Fan Switch

G5 - 2-Stage Mercury Free Thermostat w/Fan Switch

G6 - Locking Thermostat Cover

G9 - 1-Stage Mercury Free Heating Only Thermostat

GW - WiFi Thermostat TH8321WF1001/U

P5 - 24V SPST Relay-Specify Purpose

T1 - Quick Swivel Mounting Bracket

VC-4 - 4" Vent Cap

X2 - 30 Degree Downturn Nozzle

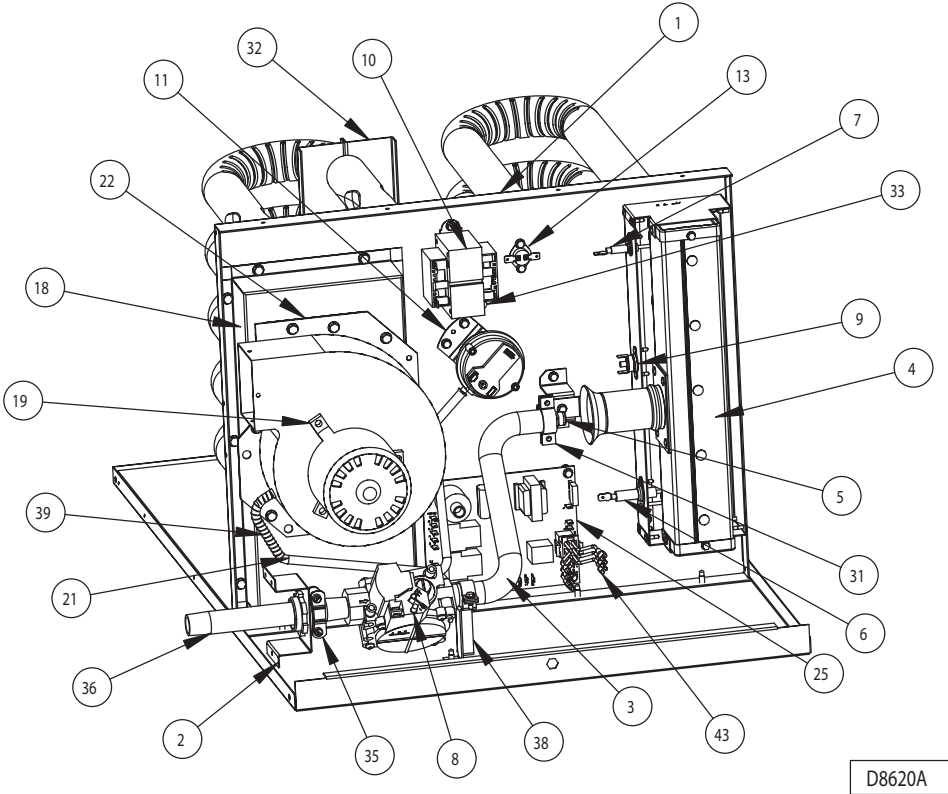
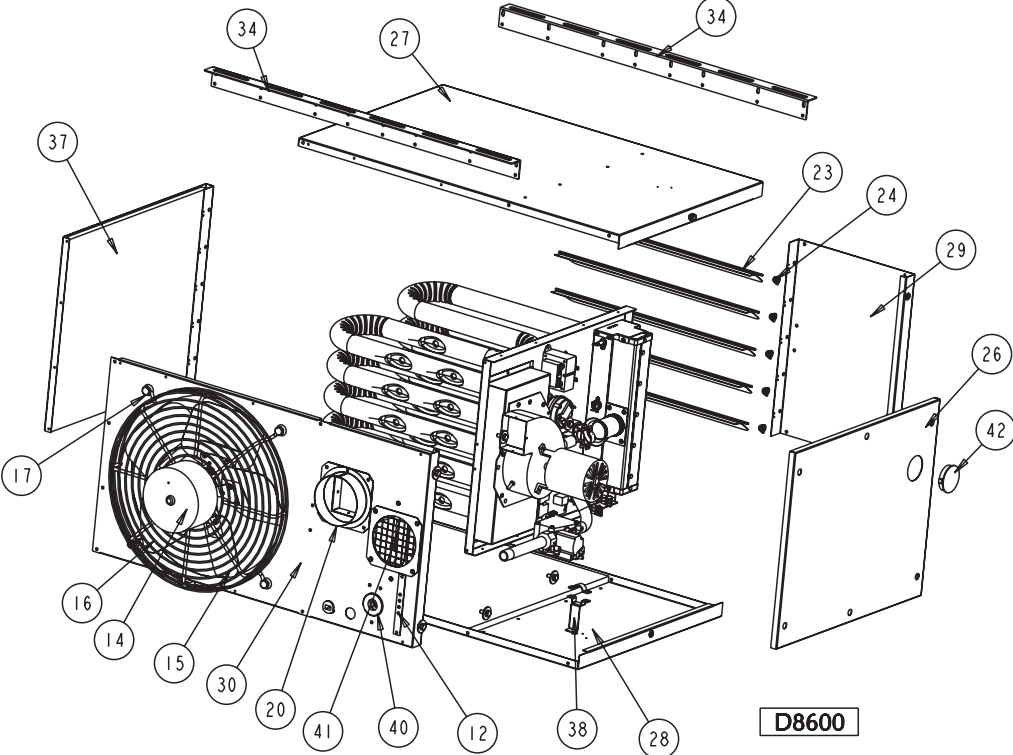
X3 - 60 Degree Downturn Nozzle

X4 - 90 Degree Downturn Nozzle

X7-4 - Combustion Air Inlet Kit (Capacities [CA] 030-075)

X7-5 - Combustion Air Inlet Kit (Capacities [CA] 090-120)

GG SERIES 30-120 MBH REPLACEMENT PARTS



GG SERIES 30-120 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)		30	45
	NO. OF TUBES PER MODEL		2	3
ITEM DESCRIPTION		PART NO.		
1	VESTIBULE PANEL/TUBE ASS'Y (HEAT EXCHANGER)	ALUMINIZED	11501R08350-001	11501R08351-001
		409 STAINLESS STEEL	11501R08350-003	11501R08351-003
2	BRACKET/GAS TRAIN (REAR PANEL MOUNTED)	11252R08463		
3	MANIFOLD	11J37R08320-030		
4	BURNER ASSEMBLY (FLAME SENSOR, ROLLOUT SWITCH & IGNITOR SOLD SEPARATELY)	11502R08493-030	11502R08493-045	
5	BURNER ORIFICE [orifice size] QTY. REQUIRED FOR ALL MODEL SIZES = 1	NATURAL GAS	11J36R04694-018 [#38]	11J36R04694-023 [#31]
		PROPANE (LP) GAS	11512R08532-011 [#52]	11512R08532-012 [#48]
6	SPARK IGNITOR	11J38R06891-003		
7	FLAME SENSOR	11J38R06890-003		
8	GAS VALVE, SINGLE STAGE ^A	NATURAL GAS	11J28R06892-001	
		PROPANE (LP) GAS	11J28R06892-002	
9	MANUAL ROLLOUT SAFETY SWITCH	11J11R04849-003		
10	TRANSFORMER, 50 VA, 115/24	11J14R03245-012		
11	AIR PRESSURE SWITCH	STD ALT (0-4,999 FT)	11J11R06779-001	
		HIGH ALT (5,000 FT +)	11J11R06780-001	
12	TERMINAL BLOCK PLATE	11J09R04609		
13	HIGH LIMIT SWITCH	11J11R08365-002		
14	FAN MOTOR (ODP)	11J31R04766		
15	OSHA FAN GUARD	11J32R04884		
16	FAN BLADE	11J34R06999-016	11J34R06999-017	
17	FAN/GUARD/MOTOR MOUNT HARDWARE KIT	11261R04963-001		
18	FLUE COLLECTOR (INCLUDES GASKET) ^B	ALUMINIZED	11507R08312-130	11507R08312-145
		409 STAINLESS STEEL	11507R08312-330	11507R08312-345
19	POWER VENTER (DRAFTER) ASSEMBLY (INCLUDES GASKET)	11J35R04700		
20	FLUE COLLAR (INCLUDES GASKET AND HARDWARE)	11257R08337		
21	VINYL TUBING (PRESSURE SWITCH) - 19 INCHES LONG	11H07R01471-019		
22	POWER VENTER MOUNTING PLATE (INCLUDES GASKET)	NOT APPLICABLE		
23	LOUVER (QTY. REQ'D PER MODEL)	11257R04587-113 (3)		
24	LOUVER SPRING (QTY. REQ'D PER MODEL)	11J26R01960 (3)		
25	CONTROL BOARD	11J28R06881		
26	ACCESS PANEL (INCLUDES HARDWARE)	11251R08308-030		
27	TOP JACKET PANEL W/INSULATION	11251R08303		
28	BOTTOM JACKET PANEL W/INSULATION	11251R08303		
29	FRONT JACKET PANEL	11251R08306-030		
30	REAR JACKET PANEL	11251R08318-030		
31	BRACKET CAP, MANIFOLD	11252R08466		
32	TUBE SUPPORT BRACKET KIT	11252R06882	11252R06883	
33	GREEN GROUND SCREW	11J21R05120-001		
34	HANGER BRACKET	11252R08347		
35	MANIFOLD CLAMP	11J09R08500		
36	PIPE NIPPLE (6" LENGTH)	11J40R00601-010		
37	LEFT SIDE PANEL W/ INSULATION	11251R08345-030		
38	MANIFOLD SUPPORT BRACKET KIT	11252R08644		
39	SPRING (FOR VINYL TUBING)	11J26R06480		
40	GROMMET	11J07R02872-001		
41	INLET AIR COLLAR ASSEMBLY (INCLUDES SCREEN)	11257R10439		
42	BURNER BOX VIEW PORT	11J07R08348-001		
43	MOLEX CONNECTOR WIRE HARNESS ASSEMBLY	11J11R06887-001		
N/S	INLET AIR COLLAR GASKET	11262R08332		
N/S	ACCESS PANEL GASKET	11262R08614-004		
N/S	IGNITION CABLE (ORANGE) - 14 INCHES LONG	11J28R06971-001		
N/S	FLAME SENSOR WIRE (WHITE) - 21 INCHES LONG	11260R08248-001		

Notes:

A When replacing single stage gas valve on units built between July 25, 2022 and November 18, 2022, gas valve bracket part no. 11252R08646 must also be ordered.

B When replacing a flue collector, make sure the flue collector box is sealed completely with factory-supplied gasket.

N/S Part not shown.

GG SERIES 30-120 MBH REPLACEMENT PARTS

60	75	90	105	120	ITEM NO.
4	5	6	7	8	
PART NO.					
11501R08352-001	11501R08353-001	11501R08354-001	11501R08355-001	11501R08356-001	1
11501R08352-003	11501R08353-003	11501R08354-003	11501R08355-003	11501R08356-003	
11252R08463					2
11J37R08320-030		11J37R08320-190			3
11502R08493-060	11502R08493-075	11502R08493-090	11502R08493-105	11502R08493-120	4
11J36R04694-005 [#27]	11J36R04694-022 [#20]	11J36R04694-016 [#16]	11J36R04694-024 [#11]	11J36R04694-039 [#6]	5
11512R08532-008 [#43]	11512R08532-023 [#40]	11512R08532-009 [#36]	11512R08532-021 [#32]	11512R08532-022 [3.1MM]	
11J38R06891-003					6
11J38R06890-003					7
11J28R06892-001					8
11J28R06892-002					
11J11R04849-003					9
11J14R03245-012					10
11J11R06780-008		11J11R06780-004	11J11R06779-002		11
11J11R06780-009		11J11R06780-006	11J11R06780-002		
11J09R04609					12
11J11R08365-001					13
11J31R04091		11J31R04092-002			14
11J32R08327-002		11M32R06163			15
11J34R06999-006	11J34R06999-007	11J34R06999-114	11J34R06999-115	11J34R06999-103	16
11261R04963-002					17
11507R08312-160	11507R08312-175	11507R08311-190	11507R08311-105	SEE PAGE 7	18
11507R08312-360	11507R08312-375	11507R08311-390	11507R08311-305	SEE PAGE 7	
11J35R08510		11J35R04581			19
11257R08340					20
11H07R01471-019					21
NOT APPLICABLE		11252R08315			22
11257R04587-113 (5)		11257R04587-113 (7)			23
11J26R01960 (5)		11J26R01960 (7)			24
11J28R06881					25
11251R08308-060		11251R08308-090			26
11251R08303					27
11251R08303					28
11251R08306-060		11251R08306-090			29
11251R08318-060		11251R08318-090		SEE PAGE 7	30
11252R08466					31
11252R06884	11252R06885	11252R08364-090	11252R08364-105	11252R08364-120	32
11J21R05120-001					33
11252R08347					34
11J09R08500					35
11J40R00601-010					36
11251R08345-060		11251R08345-090			37
11252R08644					38
11J26R06480					39
11J07R02872-001					40
11257R10439		11251R10355			41
11J07R08348-001					42
11J11R06887-001					43
11262R08332		11J37R08335			N/S
11262R08614-004		11262R08614-005			N/S
11J28R06971-001					N/S
11260R08248-001					N/S

Notes:

- A When replacing single stage gas valve on units built between July 25, 2022 and November 18, 2022, gas valve bracket part no. 11252R08646 must also be ordered.
- B When replacing a flue collector, make sure the flue collector box is sealed completely with factory-supplied gasket.
- N/S Part not shown.

GG SERIES REPLACEMENT PARTS

FIELD INSTALLED AND OPTIONAL ITEMS		
DESCRIPTION [ACCESSORY OPTION NO.]		PART NO.
NATURAL GAS VALVE, TWO STAGE (UNIT SIZES 60-120)		11J28R06894-001
PROPANE (LP) GAS VALVE, TWO STAGE (UNIT SIZES 60-120)		11J28R06894-002
TOTALLY ENCLOSED FAN MOTOR (UNIT SIZES 60-75)		11J31R01872
TOTALLY ENCLOSED FAN MOTOR (UNIT SIZES 90-120)		11J31R01694
4" VENT CAP	[VC-4]	11AS-VC-4
4" TO 5" VENT ADAPTER (FOR 5" FLUE)		11J37R02185
TUBE OF HIGH TEMP SEALANT (2.8 oz.)		11H03R03612-002
TOUCH UP PAINT SPRAY CAN (12 oz.)		11512R01395-001
PRESSURE REGULATOR (0.5-10 PSI)		11AS-A7-1/2-1
PRESSURE REGULATOR (10-20 PSI)	[A7]	11AS-A7-3/8-1
PRESSURE REGULATOR (20-35 PSI)		11AS-A7-5/16-1
1-STAGE MERCURY-FREE THERMOSTAT (ROUND)	[G1]	11AS-G1
1-STAGE MERCURY-FREE THERMOSTAT W/ GUARD KIT	[G2]	11AS-G2
1-STAGE MERCURY-FREE THERMOSTAT W/ FAN SWITCH	[G3]	11AS-G3
2-STAGE MERCURY-FREE THERMOSTAT W/ FAN SWITCH	[G5]	11AS-G5
1-STAGE MERCURY-FREE THERMOSTAT, HEATING ONLY	[G9]	11AS-G9
WIFI THERMOSTAT TH8321WF1001/U	[GW]	11AS-GW
LOCKING THERMOSTAT COVER (GUARD)	[G6]	11AS-G6
24V SPST RELAY	[P5]	11J10R00818-003
QUICK SLING MOUNTING BRACKET	[T1]	11ASRT1

COMBUSTION AIR INLET KITS		
DESCRIPTION	4" (INCH) PART NO.	5" (INCH) PART NO.
COMPLETE KIT	11AS-X7-4	11AS-X7-5
PARTS INCLUDED IN KIT (SOLD SEPARATELY)		
VENT CAP (FLUE VENT TERMINAL)	11J37R08571-001	11J37R08571-002
COMBUSTION AIR INLET BOX ASSEMBLY	11507R06601-DBL	11507R08560-DBL
AIR INLET SCREEN	11J37R06665-DBL	11J37R08572-DBL
DEFLECTOR DISK	11507R06693-DBL	11507R08569-DBL
TUBE OF HIGH TEMP SEALANT (2.8 oz.)	11H03R03612-002	11H03R03612-002
GASKET, O-RING	11H03R09471-004	11H03R09471-005
FLUE VENT ADAPTOR - 5" TO 4"	N/A	11J37R02185

GG SERIES GAS CONVERSION KITS

CONVERTING FROM NATURAL GAS (NG) TO PROPANE (LP) GAS		CONVERTING FROM PROPANE (LP) GAS TO NATURAL GAS (NG)	
MODEL NO.	CONVERSION KIT PART NO.	MODEL NO.	CONVERSION KIT PART NO.
GG-030	11CKNTPDS030-52	GG-030	11CKPTNDS030-38
GG-045	11CKNTPDS045-48	GG-045	11CKPTNDS045-31
GG-060	11CKNTPDS060-43	GG-060	11CKPTNDS060-27
GG-075	11CKNTPDS075-40	GG-075	11CKPTNDS075-20
GG-090	11CKNTPDS090-36	GG-090	11CKPTNDS090-16
GG-105	11CKNTPDS105-32	GG-105	11CKPTNDS105-11
GG-120	11CKNTPDS1203.1	GG-120	11CKPTNDS120-6

GG120 FLUE COLLECTOR AND REAR JACKET PANEL REPLACEMENT PARTS			
DESCRIPTION		GG120 MANUFACTURED PRIOR TO AUGUST 5, 2014	GG120 MANUFACTURED ON OR AFTER AUGUST 5, 2014
FLUE COLLECTOR	ALUMINIZED STEEL	11507R08311-120	11507R09478-120
	409 STAINLESS STEEL	11507R08311-320	11507R09478-320
AIR INLET BAFFLE		N/A	11507R08587
REAR JACKET PANEL		11251R08318-090	11251R09480-120

IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question about the warranty, we can answer it at this point. Consultation with our Technical Service Dept. may be required to determine the correct replacement parts, and you will be given a call log number for reference.
- Fill out Sterling's Return Goods Authorization (RGA) Request Form, available on SalesAssistant.com. Submit the form to Sterling along with an order for the necessary parts. Be sure to include the call log number on both the form and the parts order.
- Once your order and completed RGA form are received, Sterling will enter the order and issue you an RGA, if applicable, with instructions on how and where to send the defective parts.
- An invoice will be generated and mailed. The invoice may list the call log number, RGA number and state "a RGA has been issued." Once the defective item has been returned and confirmed as "defective in warranty," a credit will be issued for the original invoice amount.
- Returned goods must ship back within 30 days from date of RGA. If we do not receive the parts within 30 days, the RGA will be voided. Parts returned and found to be valid under warranty will be credited for parts only. If our inspection reveals that the parts returned are in a non-warranty condition, no credit will be issued. Freight is not covered under warranty.

In order to ensure the orderly processing of your warranty claim, it is **MANDATORY** that certain paperwork accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to ensure proper handling of these goods, Sterling **MUST** formally authorize the return of material to our various facilities under any circumstance. Any material returned without authorization will not be accepted.

In order to ensure that your properly authorized returns are accepted at our plant, you **MUST** clearly mark any and all shipping papers with an RGA number; Sterling will not accept shipments that do not clearly show an RGA number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid.
Collect Shipments will not be accepted.**

CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY
REPLACEMENT PARTS NOT LISTED IN THIS PUBLICATION.
LIMITED AVAILABILITY ON CERTAIN OBSOLETE EQUIPMENT.

TEL. 413-564-5540

FAX# 413-562-5311

www.sterlinghvac.com

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.

Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.



STERLING
HVAC PRODUCTS

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(413) 564-5540
www.sterlinghvac.com



MATRIX

XH SERIES

HIGH EFFICIENCY

GAS-FIRED PROPELLER UNIT HEATER

REPLACEMENT PARTS CATALOG

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IMPORTANT

When ordering replacement parts,
please specify model and serial number.

MATRIX - XH SERIES

HIGH EFFICIENCY GAS-FIRED UNIT HEATER

UNIT NUMBER DESCRIPTION

Digit	D	X	X	X		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+
Item	Prefix					UT		CA		FT	FM	GT	AL	GC	SV	MT	MS	DL	AS		

(Internal Use Only)

1,2 - Unit Type [UT]

XH - High Efficiency Gas-Fired Propeller Unit Heater

3,4,5 - Capacity [CA]

- 050 - 50,000 BTU/HR (14.6 kW)
- 100 - 100,000 BTU/HR (29.3 kW)
- 150 - 150,000 BTU/HR (43.9 kW)
- 200 - 200,000 BTU/HR (58.6 kW)
- 250 - 250,000 BTU/HR (73.2 kW)
- 300 - 300,000 BTU/HR (87.9 kW)
- 350 - 350,000 BTU/HR (102.5 kW)
- 400 - 400,000 BTU/HR (117.2 kW)

6 - Furnace Type [FT]

A - Right Side Access

7 - Heat Exchanger (Furnace) Material [FM]

1 - Stainless Steel Tubes with Aluminum and Brass Fins
Note: Stainless Steel Flue Collector is standard.

8 - Gas Type [GT]

N - Natural Gas
P - Propane Gas (LP)

9 - Altitude [AL]

S - 0-4,999 ft.
T - 5,000-11,999 ft.
Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Direct Spark Gas Control [GC]

1 - Single Stage

11 - Supply Voltage [SV]

- 1 - 115/1/60 5 - 230/3/60
- 2 - 208/1/60 6 - 460/3/60
- 3 - 230/1/60 7 - 575/3/60
- 4 - 208/3/60 Z - Special

Note: Supply Voltage [SV] 2-7 include field mounted step down transformer.

12 - Motor Type [MT]

1 - Open Drip Proof (Standard)

13 - Blower Motor Sizes [MS]

0 - Not applicable

14 - Design Level [DL]

A - First design level

15+ - Accessories [AS]

†FIELD INSTALLED (AS-_____)

†All Field Installed Accessories are to be entered as a separate line item using the catalog number which utilizes "11AS" as a prefix. i.e: G3 becomes 11AS-G3

A7 - High Pressure Regulator

- A7-1/2-1** - Regulator for PSI range 0.5-10
- A7-3/8-1** - Regulator for PSI range 10-20
- A7-5/16-1** - Regulator for PSI range 20-35

E9 - Condensate Neutralizer (Inline)

EW - Condensate Neutralizer (Wall Mounted)

G1 - 1-Stage Mercury Free Thermostat (Round)

- G2** - 1-Stage Mercury Free Thermostat w/Guard Kit
- G3** - 1-Stage Mercury Free Thermostat/Fan Switch
- G6** - Locking Thermostat Cover
- G9** - 1-Stage Mercury Free Heating Only Thermostat
- GW** - WiFi Thermostat TH8321WF1001/U

K8 - Condensate Pump

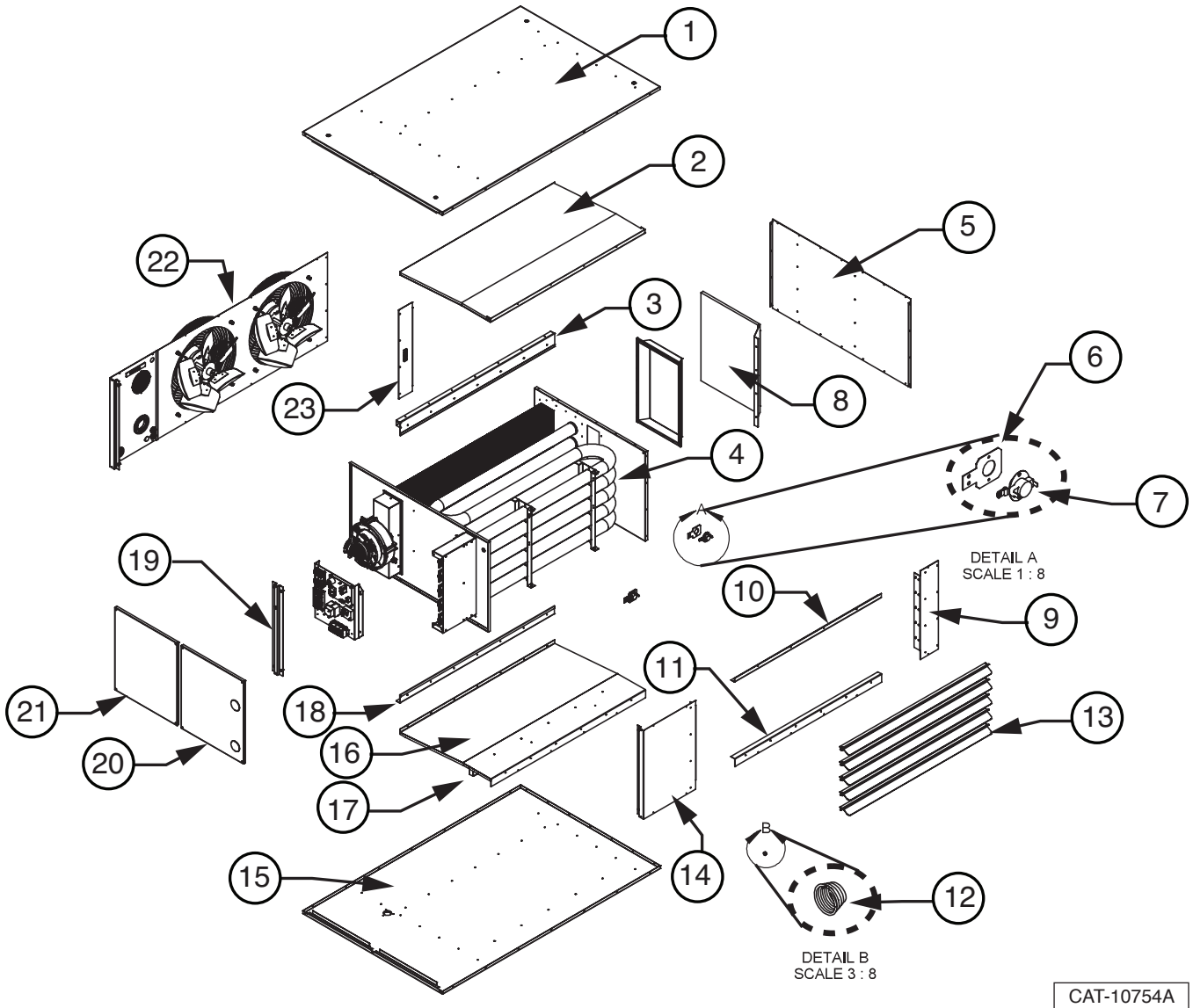
K9-001 - Condensate Pump Shelf

Y2 - 2" PVC Concentric Vent Kit

- Y3** - 3" PVC Concentric Vent Kit
- Y4** - 4" PVC Concentric Vent Kit

XH SERIES 050-400 MBH REPLACEMENT PARTS

Figure 1 - Exploded View, Whole Unit



XH SERIES 050-400 MBH REPLACEMENT PARTS

Figure 2 - Burner Assembly

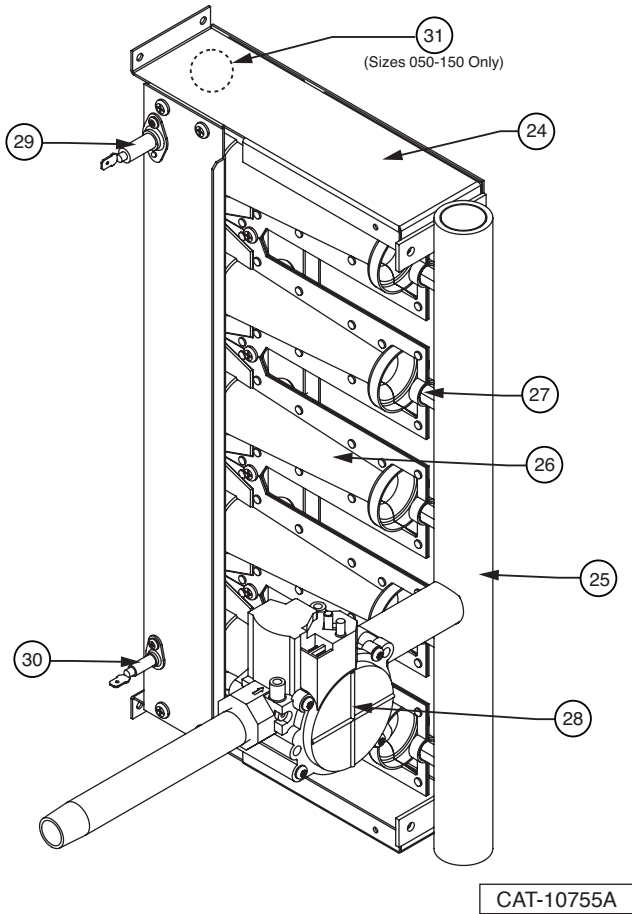


Figure 3 - Exploded View, Power Venter Assembly

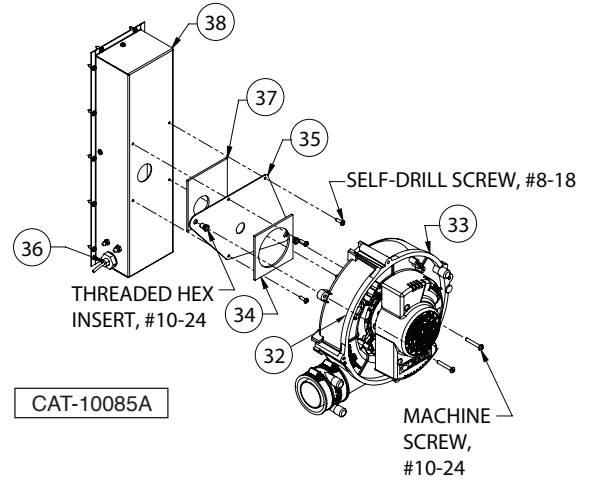


Figure 4 - Electrical Panel Components

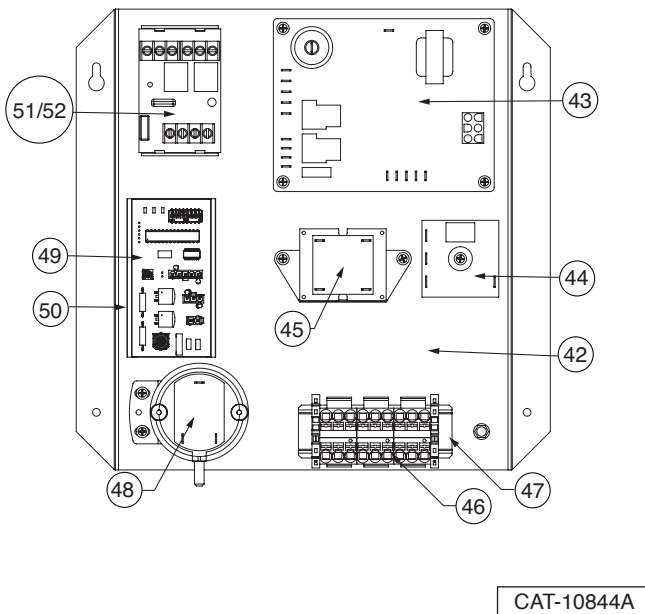
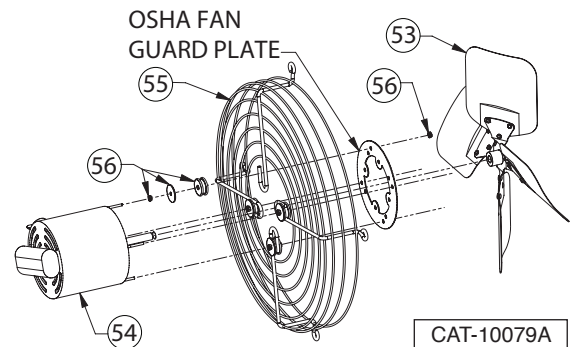


Figure 5 - Propeller Motor/Fan Assembly



XH SERIES 050-400 MBH REPLACEMENT PARTS

Figure 6 - Vestibule Panel/Heat Exchanger Assembly

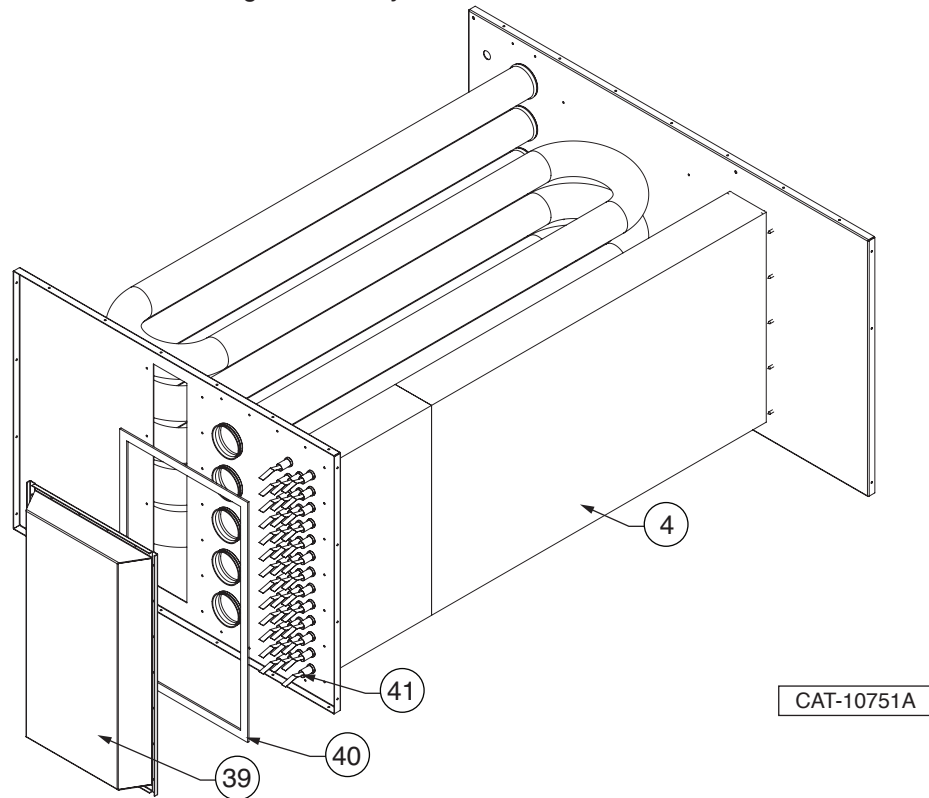
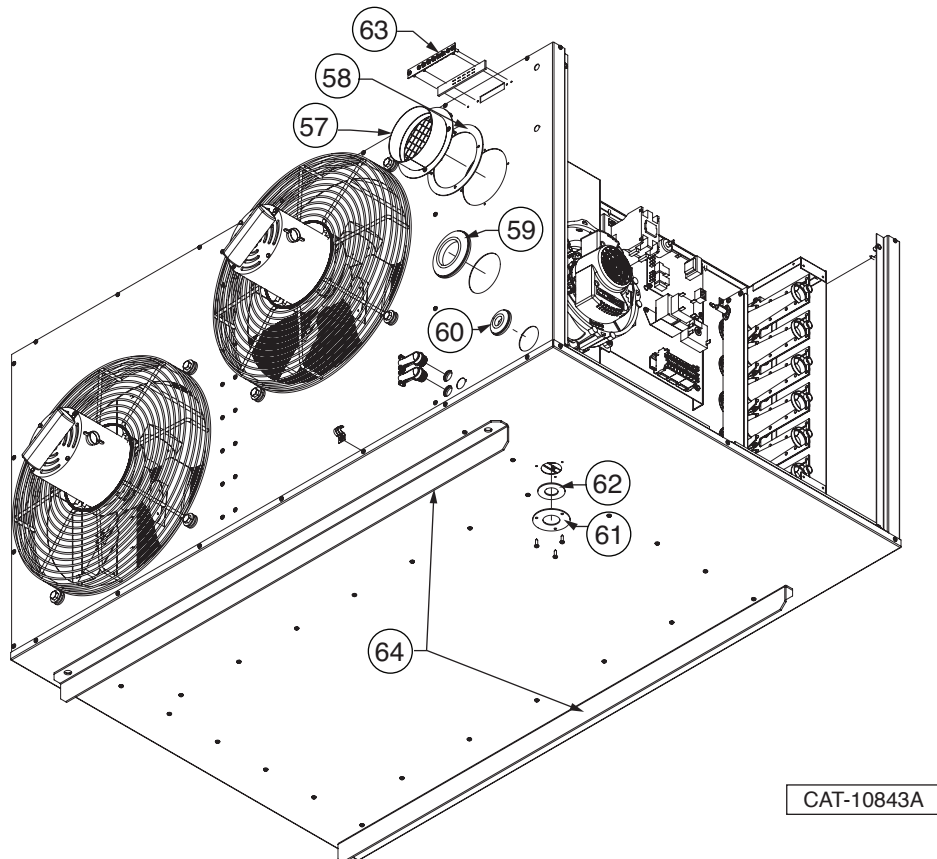


Figure 7 - Unit Connections



XH SERIES 050-200 MBH REPLACEMENT PARTS

ITEM NO.	UNIT SIZE					
	50	100	150	200		
	NO. OF BURNERS, ORIFICES REQ'D PER MODEL					
	2	3	4	5		
	ITEM DESCRIPTION					
	PART NO.					
1	Top Jacket Panel					
2	Top Baffle					
3	Top Heat Exchanger Block-Off					
4	Vestibule Panel/Heat Exchanger Assembly ¹					
N/S	Heat Exchanger Screen					
5	Left Side Jacket Panel w/ Insulation					
6	High Limit Switch Bracket [Qty. Req'd per Capacity]					
7	High Limit Switch [Qty. Req'd per Capacity]					
8	Air Diverter					
9	Left Front Jacket Panel					
10	Top Front Façade Panel					
11	Bottom Front Façade Panel					
12	Louver Spring [Qty. Req'd per Capacity]					
13	Louvers [Qty. Req'd per Capacity]					
14	Right Front Jacket Panel					
15	Bottom Jacket Panel					
16	Bottom Baffle Panel w/ Insulation					
17	Bottom Baffle Support					
18	Bottom Panel Block-Off					
19	Partition Divide Strut					
20	Burner Access Panel					
21	Power Venter (Drafter) Access Panel					
22	Rear Jacket Panel					
23	Turn Cover Screen					
24	Manifold Bracket Sub-Assembly ²					
25	Manifold					
26	Inshot Burner					
27	Standard Orifice [Orifice Size]	Natural Gas	11501R10690-042 [#42]	11501R10690-037 [#37]	11501R10690-032 [#32]	11501R10690-031 [#31]
		Propane (LP) Gas	11501R10690-054 [#54]	11501R10690-052 [#52]	11501R10690-050 [#50]	11501R10690-049 [#49]
28	Direct Spark Gas Valve, Single Stage ³	Natural Gas	11J28R06892-001		N/A	
		Propane (LP) Gas	11J28R06892-002		N/A	
	Direct Spark Gas Valve, Two Stage ³	Natural Gas	N/A		11J28R06894-001	
		Propane (LP) Gas	N/A		11J28R06894-002	
N/S	Coupling to Manifold					
N/S	Nipple (between valve and coupling)					
N/S	Gas Inlet Pipe					
29	Flame Sensor [Qty. Req'd per Capacity]					
30	Spark Ignitor [Qty. Req'd per Capacity]					
31	Manual Rollout Safety Switch					
32	Flue Limit Switch					
33	Power Venter (Drafter) Assembly (includes gasket) ⁴					
34	Power Venter (Drafter) Gasket					
35	Power Venter (Drafter) Mounting Plate					
36	Float Switch					
37	Flue Collector Gasket					
38	Flue Collector (includes gaskets) ^{5,6}					
39	Turn Cover					
40	Turn Cover Gasket					
41	Turbulators [Qty. Req'd per Capacity]					

Notes:

1. Includes Turn Cover and Turbulators.
2. Does not include Flame Sensor & Ignitor; sold separately.
3. Size 150 - 400 Single Stage Units use a two-stage gas valve.
4. Does not include Flue Limit Switch (installs onto Power Venter); sold separately.
5. When replacing the Flue Collector, make sure the Flue Collector Box is sealed completely with factory supplied gasket.
6. Does not include Float Switch; sold separately.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

XH SERIES 250-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT SIZE					
	250	300	350	400		
	NO. OF BURNERS, ORIFICES REQ'D PER MODEL					
	6	7	8	9		
	ITEM DESCRIPTION					
	PART NO.					
1	Top Jacket Panel					
	11251R10680-250					
2	Top Baffle					
	11507R10648-250	11507R10648-300	11507R10648-350	11507R10648-400		
3	Top Heat Exchanger Block-Off					
	11507R10669-150					
4	Vestibule Panel/Heat Exchanger Assembly ¹					
	11501R10693-250	11501R10693-300	11501R10693-350	11501R10693-400		
N/S	Heat Exchanger Screen					
	N/A					
5	Left Side Jacket Panel w/ Insulation					
	11251R10664-250		11251R10664-350			
6	High Limit Switch Bracket [Qty. Req'd per Capacity]					
	11252R10703-001 [2]					
7	High Limit Switch [Qty. Req'd per Capacity]					
	11J11R09359 [2]					
8	Air Diverter					
	11507R10677-250		11507R10677-350			
9	Left Front Jacket Panel					
	11251R10682-250	11251R10682-300	11251R10682-350	11251R10682-400		
10	Top Front Façade Panel					
	11251R10683-250	11251R10683-300	11251R10683-350	11251R10683-400		
11	Bottom Front Façade Panel					
	11251R10684-250	11251R10684-300	11251R10684-350	11251R10684-400		
12	Louver Spring [Qty. Req'd per Capacity]					
	11J26R01960 [6]	11J26R01960 [7]	11J26R01960 [8]	11J26R01960 [9]		
13	Louvers [Qty. Req'd per Capacity]					
	11257R10685-002 [6]	11257R10685-002 [7]	11257R10685-002 [8]	11257R10685-002 [9]		
14	Right Front Jacket Panel					
	11251R10786-250	11251R10786-300	11251R10786-350	11251R10786-400		
15	Bottom Jacket Panel					
	11251R10663-250					
16	Bottom Baffle Panel w/ Insulation					
	11507R10649-250	11507R10735-300	11507R10649-350	11507R10649-400		
17	Bottom Baffle Support					
	11507R10722-250	11507R10722-300	11507R10722-350	11507R10722-400		
18	Bottom Panel Block-Off					
	N/A	11507R10668-300	N/A			
19	Partition Divide Strut					
	11251R10785-250		11251R10785-350			
20	Burner Access Panel					
	11258R10695-250		11258R10695-350			
21	Power Venter (Drafter) Access Panel					
	11258R10666-250		11258R10796-350			
22	Rear Jacket Panel					
	11251R10725-250	11251R10725-300	11251R10725-350	11251R10725-400		
23	Turn Cover Screen					
	11501R10679-250		11501R10679-350			
24	Manifold Bracket Sub-Assembly ²					
	11503R10686-250	11503R10686-300	11503R10686-350	11503R10686-400		
25	Manifold					
	11503R09190-300	11503R09190-350	11503R09190-400	11503R10671-400		
26	Inshot Burner					
	11J37R08258-001	11J37R08258-001	11J37R08258-001	11J37R08258-001		
27	Standard Orifice [Orifice Size]	Natural Gas	11501R10690-032 [#32]	11501R10690-031 [#31]	11501R10690-031 [#31]	11501R10690-031 [#31]
		Propane (LP) Gas	11501R10690-049 [#49]	11501R10690-049 [#49]	11501R10690-049 [#49]	11501R10690-049 [#49]
28	Direct Spark Gas Valve, Single Stage ³	Natural Gas	N/A			
		Propane (LP) Gas	N/A			
	Direct Spark Gas Valve, Two Stage ³	Natural Gas	11J28R06895-001			
		Propane (LP) Gas	11J28R06895-002			
N/S	Coupling to Manifold					
	N/A					
N/S	Nipple (between valve and coupling)					
	N/A					
N/S	Gas Inlet Pipe					
	11505R10971-250	11505R10971-300	11505R10971-350	11505R10971-400		
29	Flame Sensor [Qty. Req'd per Capacity]					
	11J38R06890-003					
30	Spark Ignitor [Qty. Req'd per Capacity]					
	11J38R06891-001					
31	Manual Rollout Safety Switch					
	N/A					
32	Flue Limit Switch					
	11J11R09594-002					
33	Power Venter (Drafter) Assembly (includes gasket) ⁴					
	11J35R09586-004					
34	Power Venter (Drafter) Gasket					
	11265R10026-010					
35	Power Venter (Drafter) Mounting Plate					
	11507R09994-300		11507R10537-350	11507R09994-400		
36	Float Switch					
	11J11R09753-001					
37	Flue Collector Gasket					
	11265R10026-023					
38	Flue Collector (includes gaskets) ^{5,6}					
	11507R09722-300		11507R09722-400			
39	Turn Cover					
	11507R10652-250		11507R10652-350			
40	Turn Cover Gasket					
	11265R10691-250		11265R10691-350			
41	Turbulators [Qty. Req'd per Capacity]					
	11501R10441-001 [56]		11501R10441-001 [77]			

Notes:

1. Includes Turn Cover and Turbulators.
2. Does not include Flame Sensor & Ignitor; sold separately.
3. Size 150 - 400 Single Stage Units use a two-stage gas valve.
4. Does not include Flue Limit Switch (installs onto Power Venter); sold separately.
5. When replacing the Flue Collector, make sure the Flue Collector Box is sealed completely with factory supplied gasket.
6. Does not include Float Switch; sold separately.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

XH SERIES 050-200 MBH REPLACEMENT PARTS

ITEM NO.	UNIT SIZE		50	100	150	200
	ITEM DESCRIPTION		PART NO.			
42	Electrical Panel		11257R10702-001			
43	Ignition Control Board		11J28R06881			
44	Time Delay Relay		N/A		11J10R10661-001	
45	Transformer, 50VA 115/24V ¹		11J14R03245-012			
46	Distribution Block		11260R10970-001			
47	Distribution Block Bracket		11509R10767-009			
48	Air Pressure Switch [label color]	Std Alt (0-4,999 ft)	11J11R10706-130 [lt. brn]	11J11R10706-160 [red]	11J11R10706-290 [pnk]	11J11R10706-190 [grn]
		High Alt (5,000 ft+)	11J11R10706-120 [yel]	11J11R10706-150 [orng]	11J11R10706-280 [prpl]	11J11R10706-180 [lt. blu]
49	Inducer Speed Control Board		11J11R10633-001			
50	Inducer Speed Control Board Bracket		11509R10769-010			
51	Fan Relay, 24/115V with Bracket		11J10R03233-003	11J10R03233-001	11J10R03233-003	
52	Contactor, 24/115V		N/A			
53	Fan Blade [Qty. Req'd per Capacity]		11J34R06999-017 [2]	11J34R10162-000 [1]	11J34R10162-002 [2]	11J34R10162-000 [2]
54	Fan Motor, Open Drip Proof [Qty. Req'd per Capacity]		11J31R10194-001 [2]	11J31R09585-001 [1]	11J31R09585-001 [2]	
55	OSHA Fan Guard (includes OSHA Guard Plate) [Qty. Req'd per Capacity] ²		11J32R04884 [2]	11J32R04840 [1]	11J32R04840 [2]	
56	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]		11253R10334-002 [2]	11253R10334-002 [1]	11253R10334-002 [2]	
57	Air Inlet Collar (includes gasket)		11507R10720-050		11507R10720-150	11507R10720-200
58	Air Inlet Collar Gasket		11265R10721-050		11265R10721-150	
59	Flue Pipe Grommet		11J07R02872-019			
60	Gas Pipe Grommet		11J07R02872-001			
61	Condensate Connection Cover (includes gasket)		11251R10700-001			
62	Condensate Connection Gasket		11J24R10833-024			
63	Terminal Block (includes gasket)		11J11R04609			
N/S	Ignition Cable		11J28R06971-001			
N/S	Hanging Bracket [Qty. Req'd]		N/A			
N/S	Condensate Trap Assembly		11264R10822-001			
N/S	Flue Pipe Adaptor		N/A		11J40R10104-006	11J40R10104-007
N/S	Flue Drainage Kit		N/A			
N/S	Pneumatic Tubing, 3/16" ID, 3 ft. length (Pressure Switch to Flue Collector)		11265R11026-002			
N/S	Pneumatic Tubing, 3/16" ID, 2 ft. length (Flue Pipe Coupling to Flue Collector)		11265R11026-001			

Notes:

1. See Transformers table for step down transformers used with Supply Voltage options 2-7.
2. Size 50 units do not have an OSHA Guard Plate. All other sizes include OSHA Guard Plate.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

XH SERIES 250-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT SIZE		250	300	350	400
	ITEM DESCRIPTION		PART NO.			
42	Electrical Panel		11257R10702-001			
43	Ignition Control Board		11J28R06881			
44	Time Delay Relay		11J10R10661-001			
45	Transformer, 50VA 115/24V ¹		11J14R03245-012			
46	Distribution Block		11260R10970-001			
47	Distribution Block Bracket		11509R10767-009			
48	Air Pressure Switch [label color]	Std Alt (0-4,999 ft)	11J11R10706-230 [gry]	11J11R10706-200 [dk. brn]	11J11R10706-180 [lt. blu]	11J11R10706-190 [grn]
		High Alt (5,000 ft+)	11J11R10706-220 [vndr/wht]	11J11R10706-190 [grn]	11J11R10706-170 [dk. blu]	11J11R10706-180 [lt. blu]
49	Inducer Speed Control Board		11J11R10633-001			
50	Inducer Speed Control Board Bracket		11509R10769-010			
51	Fan Relay, 24/115V with Bracket		N/A			
52	Contactor, 24/115V		11J10R06276-019			
53	Fan Blade [Qty. Req'd per Capacity]		11J34R10784-001 [2]	11J34R10162-001 [2]	11J34R10162-003 [2]	
54	Fan Motor, Open Drip Proof [Qty. Req'd per Capacity]		11J31R09585-002 [2]			
55	OSHA Fan Guard (includes OSHA Guard Plate) [Qty. Req'd per Capacity] ²		11J32R04840 [2]		11J32R08289 [2]	
56	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]		11253R10334-002 [2]			
57	Air Inlet Collar (includes gasket)		11507R10720-200			
58	Air Inlet Collar Gasket		11265R10721-150			
59	Flue Pipe Grommet		11J07R02872-019		11J07R02872-010	
60	Gas Pipe Grommet		11J07R02872-002			
61	Condensate Connection Cover (includes gasket)		11251R10700-001			
62	Condensate Connection Gasket		11J24R10833-024			
63	Terminal Block (includes gasket)		11J11R04609			
N/S	Ignition Cable		11J28R06971-001			
N/S	Hanging Bracket [Qty. Req'd]		11252R10783-001 [2]			
N/S	Condensate Trap Assembly		11264R10822-001			
N/S	Flue Pipe Adaptor		11J40R10104-007		11J40R10133-007	
N/S	Flue Drainage Kit		N/A		11257R10163-400	
N/S	Pneumatic Tubing, 3/16" ID, 3 ft. length (Pressure Switch to Flue Collector)		11265R11026-002			
N/S	Pneumatic Tubing, 3/16" ID, 2 ft. length (Flue Pipe Coupling to Flue Collector)		11265R11026-001			

Notes:

1. See Transformers table for step down transformers used with Supply Voltage options 2-7.
2. Size 50 units do not have an OSHA Guard Plate. All other sizes include OSHA Guard Plate.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

XH SERIES 050-400 MBH REPLACEMENT PARTS GAS CONVERSION KITS & TRANSFORMERS

GAS CONVERSION KITS

From Natural Gas (NG) to Propane (LP)		From Propane (LP) to Natural Gas (NG)	
Unit Size	Part Number	Unit Size	Part Number
050	11261R10749-001	050	11261R10750-001
100	11261R10749-002	100	11261R10750-002
150	11261R10749-003	150	11261R10750-003
200-400	11261R10749-004	200, 300-400	11261R10750-004
		250	11261R10750-005

TRANSFORMERS

UNIT SIZE	050	100	150	200
DESCRIPTION	PART NO.			
115/24, 50VA Transformer	11J14R03245-012			
208 (1 Phase)/115, Transformer	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²
230 (1 Phase)/115, Transformer	11J14R02832-004 ¹	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²
208 (3 Phase)/115, Transformer	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²
230 (3 Phase)/115, Transformer	11J14R02832-004 ¹	11J14R02832-013 ²	11J14R02832-013 ²	11J14R02832-013 ²
460/115, Transformer	11J14R02832-004 ¹	11J14R02832-012 ²	11J14R02832-012 ²	11J14R02832-012 ²
575/115, Transformer	11J14R02832-007 ¹	11J14R02832-014 ²	11J14R02832-014 ²	11J14R02832-014 ²

Notes:

1. Transformer is 1,000 VA
2. Transformer is 2,000 VA
3. Transformer is 3,000 VA

UNIT SIZE	250	300	350	400
DESCRIPTION	PART NO.			
115/24, 50VA Transformer	11J14R03245-012			
208 (1 Phase)/115, Transformer	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³
230 (1 Phase)/115, Transformer	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³
208 (3 Phase)/115, Transformer	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³
230 (3 Phase)/115, Transformer	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³	11J14R02832-018 ³
460/115, Transformer	11J14R02832-019 ³	11J14R02832-019 ³	11J14R02832-019 ³	11J14R02832-019 ³
575/115, Transformer	11J14R02832-020 ³	11J14R02832-020 ³	11J14R02832-020 ³	11J14R02832-020 ³

Notes:

1. Transformer is 1,000 VA
2. Transformer is 2,000 VA
3. Transformer is 3,000 VA

XH SERIES 050-400 MBH REPLACEMENT PARTS

FIELD INSTALLED ACCESSORIES & MISC.

DESCRIPTION [ACCESSORY OPTION NO.]	PART NO.
Pressure Regulator (0.5 to 10 PSI) Natural Gas [A7-1/2-1]	11AS-A7-1/2-1
Pressure Regulator (10 to 20 PSI) Natural Gas [A7-3/8-1]	11AS-A7-3/8-1
Pressure Regulator (20 to 35 PSI) Natural Gas [A7-5/16-1]	11AS-A7-5/16-1
Thermostats (Mercury Free) – 1 Stage (Round) [G1]	11AS-G1
– 1 Stage (Round) w/ Guard [G2]	11AS-G2
– 1 Stage w/ Fan Switch [G3]	11AS-G3
– 2 Stage w/ Fan Switch [G5]	11AS-G5
– 1 Stage Heating Only [G9]	11AS-G9
– 1 WiFi Thermostat TH8321WF1001/U [GW]	11AS-GW
Locking Thermostat Guard/Cover [G6]	11AS-G6
Condensate Neutralizer - Inline (050-200 MBH) [E9]	11AS-E9-1
Condensate Neutralizer - Inline (250-400 MBH) [E9]	11AS-E9-2
Condensate Neutralizer - Wall Mounted (050-200 MBH) [EW]	11AS-EW-1
Condensate Neutralizer - Wall Mounted (250-400 MBH) [EW]	11AS-EW-2
Condensate Pump [K8]	11AS-K8
Condensate Pump Shelf [K9-001]	11AS-K9-001
2" PVC Concentric Vent Kit (050-100 MBH) [Y2]	11AS-Y2
3" PVC Concentric Vent Kit (150 MBH) [Y3]	11AS-Y3
4" PVC Concentric Vent Kit (200-400 MBH) [Y4]	11AS-Y4
High Temp (RTV) Sealant - 2.8 oz. tube	11H03R03612-002

IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question about the warranty, we can answer it at this point. Consultation with our Technical Service Dept. may be required to determine the correct replacement parts, and you will be given a call log number for reference.
- Fill out Sterling's Return Goods Authorization (RGA) Request Form, available on SalesAssistant.com. Submit the form to Sterling along with an order for the necessary parts. Be sure to include the call log number on both the form and the parts order.
- Once your order and completed RGA form are received, Sterling will enter the order and issue you an RGA, if applicable, with instructions on how and where to send the defective parts.
- An invoice will be generated and mailed. The invoice may list the call log number, RGA number and state "a RGA has been issued." Once the defective item has been returned and confirmed as "defective in warranty," a credit will be issued for the original invoice amount.
- Returned goods must ship back within 30 days from date of RGA. If we do not receive the parts within 30 days, the RGA will be voided. Parts returned and found to be valid under warranty will be credited for parts only. If our inspection reveals that the parts returned are in a non-warranty condition, no credit will be issued. Freight is not covered under warranty.

In order to ensure the orderly processing of your warranty claim, it is **MANDATORY** that certain paperwork accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to ensure proper handling of these goods, Sterling **MUST** formally authorize the return of material to our various facilities under any circumstance. Any material returned without authorization will not be accepted.

In order to ensure that your properly authorized returns are accepted at our plant, you **MUST** clearly mark any and all shipping papers with an RGA number; Sterling will not accept shipments that do not clearly show an RGA number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid.
Collect Shipments will not be accepted.**

CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY
REPLACEMENT PARTS NOT LISTED IN THIS PUBLICATION.
LIMITED AVAILABILITY ON CERTAIN OBSOLETE EQUIPMENT.
TEL. 413-564-5540 www.sterlinghvac.com

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.

Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.




STERLING®

HVAC PRODUCTS

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 A MESTEK COMPANY

NEXUS[®]

HU SERIES

HIGH EFFICIENCY

GAS-FIRED, UNIT HEATER

REPLACEMENT PARTS CATALOG

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IMPORTANT

When ordering replacement parts,
please specify model and serial number.

IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question about the warranty, we can answer it at this point. Consultation with our Technical Service Dept. may be required to determine the correct replacement parts, and you will be given a call log number for reference.
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Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.

NEXUS - HU SERIES

HIGH EFFICIENCY GAS-FIRED UNIT HEATER

UNIT NUMBER DESCRIPTION

Digit	N	X	X	X	—	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+
Item	Prefix					UT		CA		FT	FM	GT	AL	GC	SV	MT	MS	DL	AS		

(Internal Use Only)

1,2 - Unit Type [UT]
HU - High Efficiency Unit Heater

3,4,5 - Capacity [CA]
050 - 50,000 BTU/HR
100 - 100,000 BTU/HR
150 - 150,000 BTU/HR
200 - 200,000 BTU/HR
300 - 300,000 BTU/HR
400 - 400,000 BTU/HR

6 - Furnace Type [FT]
A - Right Side Access

7 - Heat Exchanger (Furnace) Material [FM]
1 - Stainless Steel Tubes with Aluminum and Brass Fins
Note: Stainless Steel Flue Collector is standard.

8 - Gas Type [GT]
N - Natural Gas
P - Propane Gas (LP)

9 - Altitude [AL]
S - 0-11,999 ft.
Note: Installations over 2,000 ft. require gas input deration in the field. Refer to unit installation instructions.

10 - Direct Spark Gas Control [GC]
1 - Modulating w/Outside Air Reset (Master)
2 - Modulating w/Outside Air Reset (Network)
3 - Modulating w/Indoor Air Reset
4 - Modulating w/2-10 VDC/4-20 mA Input
5 - Modulating w/Room Sensing
6 - Two Stage

11 - Supply Voltage [SV]
1 - 115/1/60 **5** - 230/3/60
2 - 208/1/60 **6** - 460/3/60
3 - 230/1/60 **7** - 575/3/60
4 - 208/3/60 **Z** - Special
Note: Supply Voltage [SV] 2-7 include field mounted step down transformer.

12 - Motor Type [MT]
1 - Open Drip Proof (Standard)

13 - Blower Motor Sizes [MS]
0 - Not applicable

14 - Design Level [DL]
B - Second design level

15+ - Accessories [AS]

†FIELD INSTALLED (AS-____)
†All Field Installed Accessories are to be entered as a separate line item using the catalog number which utilizes "11AS" as a prefix. i.e: G3 becomes 11AS-G3

A7 - High Pressure Regulator
A7-1/2-1 - Regulator for PSI range 0.5-10
A7-3/8-1 - Regulator for PSI range 10-20
A7-5/16-1 - Regulator for PSI range 20-35

E9 - Condensate Neutralizer (Inline)
EW - Condensate Neutralizer (Wall Mounted)

G1 - 1-Stage Mercury Free Thermostat (Round)
G2 - 1-Stage Mercury Free Thermostat w/Guard Kit
G3 - 1-Stage Mercury Free Thermostat/Fan Switch
G5 - 2-Stage Mercury Free Thermostat w/Fan Switch
G6 - Locking Thermostat Cover
G9 - 1-Stage Mercury Free Heating Only Thermostat
GW - WiFi Thermostat TH8321WF1001/u

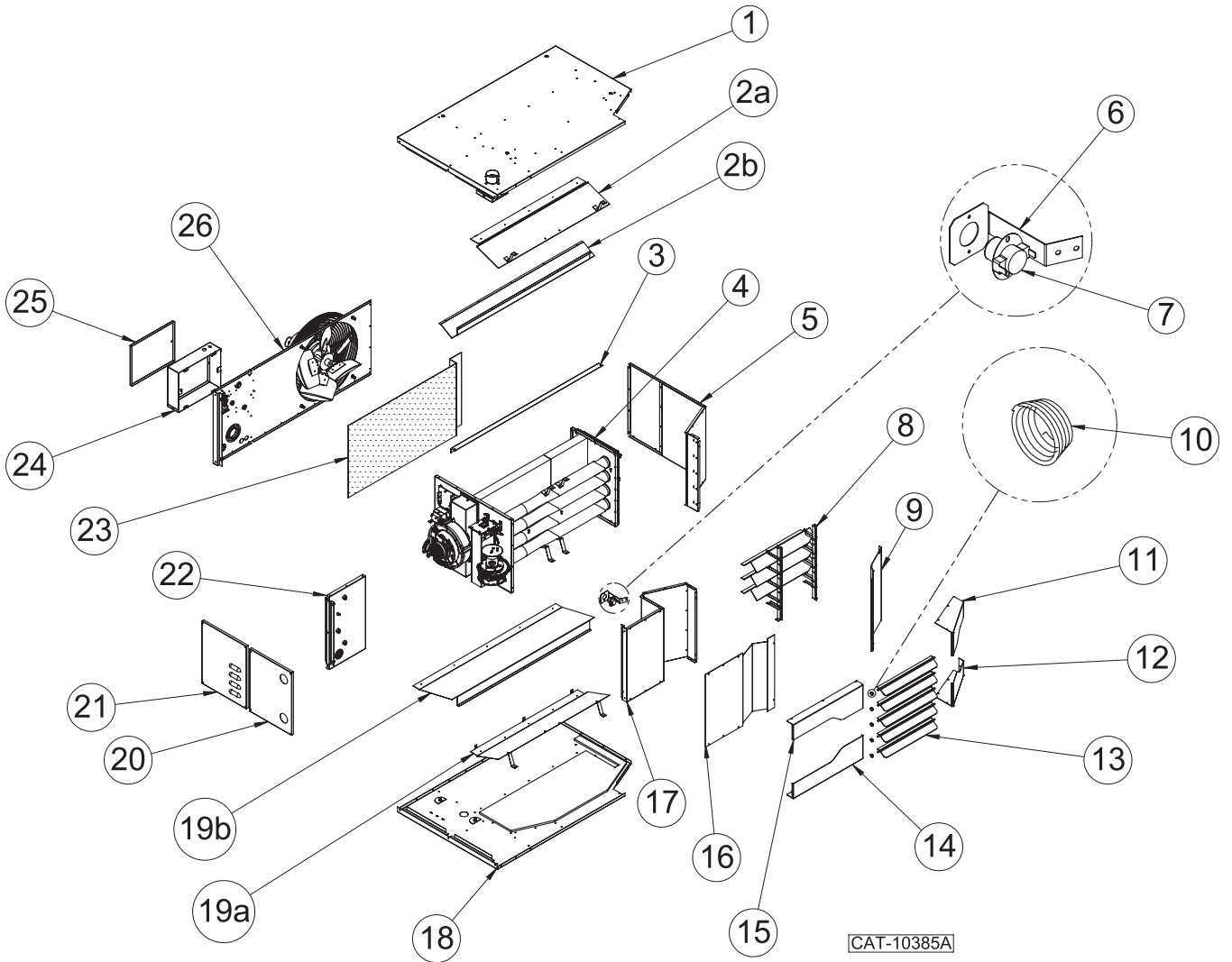
H9 - Stratification Sensor

K8 - Condensate Pump
K9 - Condensate Pump Shelf

Y2 - 2" PVC Concentric Vent Kit (50-150 MBH)
Y3 - 3" PVC Concentric Vent Kit (200 MBH)
Y4 - 4" PVC Concentric Vent Kit (300-400 MBH)

HU SERIES 050-400 MBH REPLACEMENT PARTS

Figure 1 - Exploded View, Whole Unit



HU SERIES 050-400 MBH REPLACEMENT PARTS

Figure 4 - Vestibule Panel/Heat Exchanger Assembly

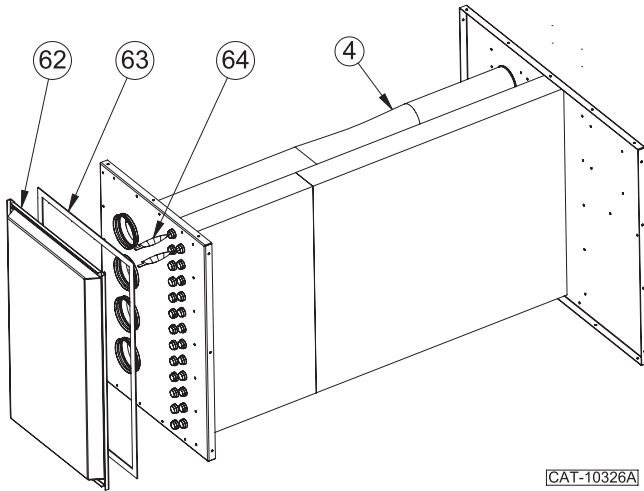


Figure 7 - Filter Box Assembly, Size 050

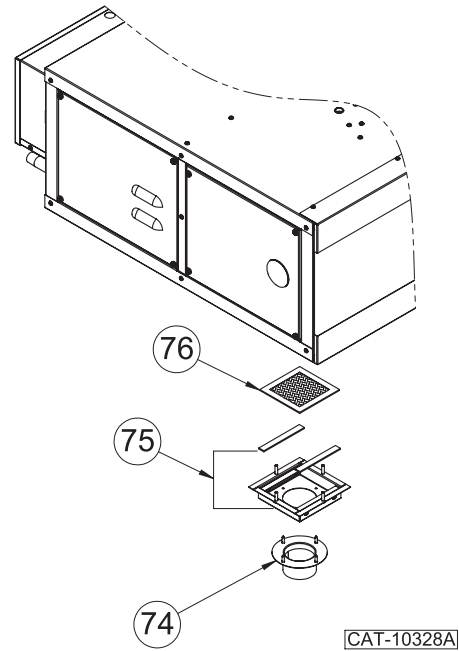


Figure 5 - Control Box Components

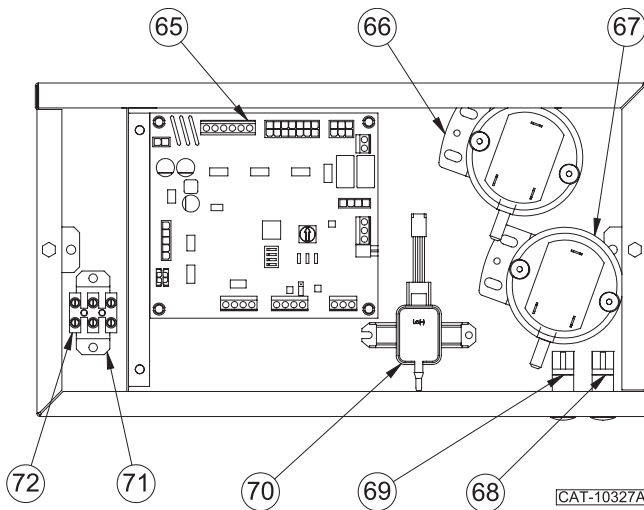


Figure 8 - Filter Box Assembly, Sizes 100-400

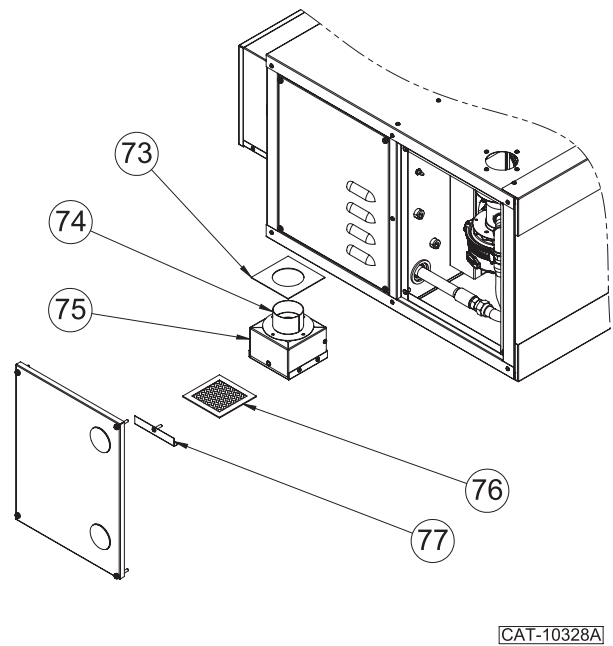
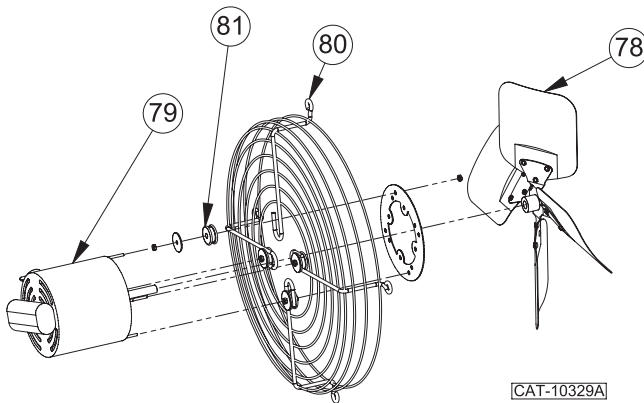


Figure 6 - Propeller Motor/Fan Assembly



HU SERIES 050-150 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)	50	100	150
	ITEM DESCRIPTION	PART NO.		
1	Top Jacket Panel w/ Insulation	11251R09998-050	11251R09998-100	11251R09998-150
2a, 2b	Top Panel Block-Off	11507R10015-050	11507R09738-100	11507R10015-15T
3	Heat Exchanger Block-Off [Qty. Req'd per Capacity]	11507R10126-050	N/A	11507R10126-000
4	Vestibule Panel/Heat Exchanger Assembly ¹	11501R09651-050	11501R09651-100	11501R09651-150
5	Left Side Jacket Panel w/ Insulation	11251R10009-050	11251R10009-100	11251R10009-200
6	High Limit Switch Bracket [Qty. Req'd per Capacity]	11252R09984-000 [2]	11252R09984-000	11252R09984-000 [2]
	Left High Limit Switch Bracket		N/A	
	Right High Limit Switch Bracket		N/A	
7	High Limit Switch [Qty. Req'd per Capacity]	11J11R09594-001 [2]	11J11R09594-001	11J11R09594-001 [2]
8	Heat Exchanger Baffle Assembly	11507R09993-100	11507R09659-100	N/A
9	Inner Left Façade Panel (Black)	11251R09732-050	11251R09732-100	
10	Louver Spring [Qty. Req'd per Capacity]	11J26R01960 [4]	11J26R01960 [5]	
11	Top Left Façade Panel	11251R09736-05T	11251R09736-10T	
12	Bottom Left Façade Panel	11251R09736-05B	11251R09736-10B	
13	Louvers [Qty. Req'd per Capacity]	11257R10063-100 [4]	11257R10063-100 [5]	11257R10063-200 [5]
14	Bottom Right Façade Panel	11251R09734-05B	11251R09734-10B	11251R09734-20B
15	Top Right Façade Panel	11251R09734-05T	11251R09734-10T	11251R09734-20T
16	Inner Right Façade Panel (Black)	11251R09731-050	11251R09731-100	11251R09731-200
17	Right Front Jacket Panel w/ Insulation	11251R10010-050	11251R10010-100	11251R10010-200
18	Bottom Jacket Panel w/ Insulation	11251R09999-050	11251R09999-100	11251R09999-150
19a, 19b	Bottom Panel Block-Off	11507R10015-050	11507R09738-100	11507R10015-15B
20	Burner Access Panel	11258R09997-050	11258R09997-100	11258R09997-200
21	Power Venter (Drafter) Access Panel	11251R09664-050	11258R09717-100	11258R09717-200
22	Partition Panel	11251R09689-050	11251R09689-100	11251R09689-200
23	Heat Exchanger Screen	11501R09987-050	11501R09987-100	11501R09987-200
24	Control Box Base (Wrapper)	11257R10336-001	11257R10336-002	
25	Control Box Access Panel	11251R09991-001	11251R09991-000	
26	Rear Jacket Panel	11251R09996-050	11251R09996-100	11251R09996-200
27	Manual Rollout Safety Switch	11J11R09595-001		
28	Manual Rollout Safety Switch Bracket	11252R09995-000		11252R09995-150
29	Spark Ignitor Bracket [Qty. Req'd per Capacity]	N/A	11252R09715-000	11252R09715-000 [2]
30	Spark Ignitor [Qty. Req'd per Capacity]	11J38R06891-001		11J38R06891-001 [2]
31	Inlet Air Cover Plate	11503R09977-050	11503R09977-100	11503R09977-200
32	Inlet Air Distributor	11503R09978-050	11503R09978-100	11503R09978-150
33	Mixing Chamber	11503R09728-050	11503R09728-100	11503R09728-200
34	Combustion Blower	11J35R09582-001		
35	Flame Sensor [Qty. Req'd per Capacity]	11J38R06890-001		11J38R06890-001 [2]
36	Combustion Blower Gasket	11265R10026-005		
37	Flame Sensor Bracket [Qty. Req'd per Capacity]	N/A	11252R09716-000	11252R09716-000 [2]
38	Flame Sensor and Ignitor Bracket	11252R10181-050	N/A	
39	Burner Bracket, Vestibule Side [Qty. Req'd per Capacity]	11252R10045-000 [4]		
40	Burner Bracket, Burner Box Side [Qty. Req'd per Capacity]	11252R09669-000 [4]		
41	Burner Box Assembly ²	11502R10008-050	11502R10008-100	11502R10008-150
42	Standard Orifice	Natural Gas	11505R10091-05N	11505R10091-00N
		Propane (LP)	11505R10091-05P	11505R10091-00P
43	Flexible Gas Connector Hose	11J40R10129-001		
44	Gas Piping Assembly	11505R10337-001		11505R10337-002
45a, 45b	Gas Valve Bracket	N/A	11252R10012-000	
46	Gas Valve, Modulating	11J28R09581-001		
47	Trim Valve	N/A		
48	Fan Relay, 24/115V	11J10R03233-003	11J10R03233-001	11J10R03233-003
49	Fan Relay Bracket	11252R10013-000		
50	Contact, 24/115V	N/A		

Notes:

- 1- Includes Turn Cover and Turbulators.
- 2- Flame Sensor & Ignitor sold separately.

LEGEND: N/A - Not Applicable

HU SERIES 200-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)	200	300	400
	ITEM DESCRIPTION	PART NO.		
1	Top Jacket Panel w/ Insulation	11251R09998-200	11251R09998-300	11251R09998-400
2a, 2b	Top Panel Block-Off	11507R10015-20T	11507R10015-30T	11507R10015-40T
3	Heat Exchanger Block-Off [Qty. Req'd per Capacity]	11507R10126-000	11507R10126-300 [2]	
4	Vestibule Panel/Heat Exchanger Assembly ¹	11501R09651-200	11501R09651-300	11501R09651-400
5	Left Side Jacket Panel w/ Insulation	11251R10009-200	11251R10009-300	11251R10009-400
6	High Limit Switch Bracket [Qty. Req'd per Capacity]	11252R09984-000 [2]	N/A	
	Left High Limit Switch Bracket	N/A	11252R09984-001	11252R09984-001
	Right High Limit Switch Bracket	N/A	11252R09984-002	11252R09984-000
7	High Limit Switch [Qty. Req'd per Capacity]	11J11R09594-001 [2]		
8	Heat Exchanger Baffle Assembly	N/A		
9	Inner Left Façade Panel (Black)	11251R09732-100	11251R09732-300	11251R09732-400
10	Louver Spring [Qty. Req'd per Capacity]	11J26R01960 [5]	11J26R01960 [7]	11J26R01960 [9]
11	Top Left Façade Panel	11251R09736-10T		
12	Bottom Left Façade Panel	11251R09736-10B		
13	Louvers [Qty. Req'd per Capacity]	11257R10063-200 [5]	11257R10063-200 [7]	11257R10063-200 [9]
14	Bottom Right Façade Panel	11251R09734-20B		
15	Top Right Façade Panel	11251R09734-20T		
16	Inner Right Façade Panel (Black)	11251R09731-200	11251R09731-300	11251R09731-400
17	Right Front Jacket Panel w/ Insulation	11251R10010-200	11251R10010-300	11251R10010-400
18	Bottom Jacket Panel w/ Insulation	11251R09999-200	11251R09999-300	11251R09999-400
19a, 19b	Bottom Panel Block-Off	11507R10015-20B	11507R10015-30B	11507R10015-40B
20	Burner Access Panel	11258R09997-200	11258R09997-300	11258R09997-400
21	Power Venter (Drafter) Access Panel	11258R09717-200	11258R09717-300	11258R09717-400
22	Partition Panel	11251R09689-200	11251R09689-300	11251R09689-400
23	Heat Exchanger Screen	11501R09987-200	11501R09987-300	11501R09987-400
24	Control Box Base (Wrapper)	11257R10336-002		
25	Control Box Access Panel	11251R09991-000		
26	Rear Jacket Panel	11251R09996-200	11251R09996-300	11251R09996-400
27	Manual Rollout Safety Switch	11J11R09595-001		
28	Manual Rollout Safety Switch Bracket	11252R09995-000		11252R09995-300
29	Spark Ignitor Bracket [Qty. Req'd per Capacity]	11252R09715-000 [2]		
30	Spark Ignitor [Qty. Req'd per Capacity]	11J38R06891-001 [2]		
31	Inlet Air Cover Plate	11503R09977-200	11503R09977-300	11503R09977-400
32	Inlet Air Distributor	11503R09978-200	11503R09978-300	11503R09978-400
33	Mixing Chamber	11503R09728-200	11503R09728-300	
34	Combustion Blower	11J35R09582-001	11J35R09582-002	
35	Flame Sensor [Qty. Req'd per Capacity]	11J38R06890-001 [2]		
36	Combustion Blower Gasket	11265R10026-005	11265R10026-018	
37	Flame Sensor Bracket [Qty. Req'd per Capacity]	11252R09716-000 [2]		
38	Flame Sensor and Ignitor Bracket	N/A		
39	Burner Bracket, Vestibule Side [Qty. Req'd per Capacity]	11252R10045-000 [4]		
40	Burner Bracket, Burner Box Side [Qty. Req'd per Capacity]	11252R09669-000 [4]		
41	Burner Box Assembly ²	11502R10008-200	11502R10008-300	11502R10008-400
42	Standard Orifice	Natural Gas	11505R10091-00N	11505R10091-30N
		Propane (LP)	11505R10091-00P	11505R10091-30P
43	Flexible Gas Connector Hose	11J40R10129-001	11J40R10134-001	11J40R10134-002
44	Gas Piping Assembly	11505R10337-002	11505R10337-003	11505R10337-004
45a, 45b	Gas Valve Bracket	11252R10012-000	11505R10160-300	
46	Gas Valve, Modulating	11J28R09581-001	11J28R10130-002	
47	Trim Valve	N/A	11J28R10243-000	
48	Fan Relay, 24/115V	11J10R03233-003	N/A	
49	Fan Relay Bracket	11252R10013-000	N/A	
50	Contact, 24/115V	N/A	11J10R06276-011	

Notes:

- 1- Includes Turn Cover and Turbulators.
- 2- Flame Sensor & Ignitor sold separately.

LEGEND: N/A - Not Applicable

HU SERIES 050-150 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)	PART NO.		
		50	100	150
51	Burner Mirror Bracket [Qty. Req'd per Capacity]	11252R10093-000 [2]	11252R10093-000	11252R10093-000 [2]
52	Burner Mirror	11257R10094-050	11257R10094-100	
53	Flue Limit Switch	11J11R09594-002		
54	Power Venter (Drafter) Assembly (includes gasket) ¹	11J35R09586-003*		11J35R09586-004
55	Power Venter (Drafter) Gasket	11265R10026-010		
56	Power Venter (Drafter) Mounting Plate	11507R09994-050	11507R09994-100	11507R09994-200
57	Flue Collector Gasket	11265R10026-004		
58	Float Switch	11J11R09753-001		
59	Transformer, 50VA 115/24V ²	11J14R03245-012		
60	Ignition Control Board ³	11J28R09642-003		
61	Flue Collector (includes gaskets) ⁴	11507R09722-050	11507R09722-100	11507R09722-200
62	Turn Cover	11507R09718-050	11507R09718-100	11507R09718-200
63	Turn Cover Gasket	11265R10026-019	11265R10026-001	11265R10026-002
64	Turbulators [Qty. Req'd per Capacity]	11501R10441-001 [13]	11501R10441-001 [25]	
65	Main Control Board ⁵	11J11R09580-001		
66	Pressure Switch, Power Venter (Drafter) [label color]	11J11R09691-005 [gry]	11J11R09691-001 [grn]	11J11R09691-004 [yel]
67	Pressure Switch, Blocked Inlet [label color]	11J11R09692-001 [turquoise]		
68	LED Indicator, Red	11J11R09593-001		
69	LED Indicator, Orange	11J11R09593-002		
70	Pressure Transducer (includes wire harness)	11J11R10044-001		
71	Terminal Block Bracket	11507R10235-001	N/A	
72	Terminal Block	11J09R03265-001	N/A	
73	Inlet Air Collar Gasket	11265R10026-011		11265R10026-012
74	Inlet Air Collar	11507R10017-100		11507R10017-150
75	Filter Box ⁶	11507R10234-050	11507R09679-100	11507R09679-200
76	Filter	11J27R09592-001		11J27R09592-002
77	Filter Box Cover	N/A	11507R09698-100	11507R09698-200
78	Fan Blade [Qty. Req'd per Capacity]	11J34R06999-017 [2]	11J34R10162-000	11J34R10162-002 [2]
79	Fan Motor (Open Drip Proof) [Qty. Req'd per Capacity]	11J31R10194-001 [2]	11J31R09585-001	11J31R09585-001 [2]
80	OSHA Fan Guard (includes OSHA Guard Plate) [Qty. Req'd per Capacity]	11J32R04884 [2]	11J32R04840	11J32R04840 [2]
81	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]	11253R10334-001 [2]	11253R10334-002	11253R10334-002 [2]
N/S	Ignition Cable [Qty. Req'd per Capacity]	11J28R06971-002		11J28R06971-002 [2]
N/S	Hanging Bracket, Right	N/A		
N/S	Hanging Bracket, Left	N/A		
N/S	Condensate Trap Assembly	11264R10330-003		
N/S	Flue Pipe Adaptor	N/A		
N/S	Flue Drainage Kit	N/A		
N/S	Pneumatic Tubing, 3/16" ID, 1 ft. length	11H07R01471-002		
N/S	Pneumatic Tubing, 1/8" ID, 1 ft. length	11H07R01471-003		
N/S	Pneumatic Tubing Fittings Kit	11262R10335		

Notes:

1- Flue Limit Switch sold separately (installs onto Power Venter).

2- See Transformers table for step down transformers used with Supply Voltage options 2-7.

3- For size 050 units built before February 10, 2020, and for size 100 units built before January 10, 2020 use ignition control board 11J28R09642-001. For size 150 units built before March, 2020 use ignition control board 11J28R09642-002.

4- When replacing the flue collector, make sure the flue collector box is sealed completely with factory supplied gasket.

5- Unit Serial No. is required to be listed on the purchase order; factory will program main control board based on unit serial card.

6- Filter Box Cover included with Filter Box for sizes 100-400 MBH, N/A for size 50 MBH.

* For size 050 units built before February 10, 2020 and for size 100 units built before January 10, 2020 the original power venter venter is no longer available.

Replacement Power Venter (p/n 11J35R09586-003), Wire Harness (p/n 11260-10232) and Main Control Board (11J11R09580-001) should be ordered together as a replacement to ensure proper fit and function. Note on purchase order, "Power Venter is being replaced so Main Control Board requires current software revision".

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

HU SERIES 200-400 MBH REPLACEMENT PARTS

ITEM NO.	UNIT CAPACITY (MBH)	PART NO.		
		200	300	400
51	Burner Mirror Bracket [Qty. Req'd per Capacity]	11252R10093-000	11252R10093-000 [2]	
52	Burner Mirror	11257R10094-100	11257R10094-300	11257R10094-400
53	Flue Limit Switch	11J11R09594-002		
54	Power Venter (Drafter) Assembly (includes gasket) ¹	11J35R09586-004		
55	Power Venter (Drafter) Gasket	11265R10026-010		
56	Power Venter (Drafter) Mounting Plate	11507R09994-200	11507R09994-300	11507R09994-400
57	Flue Collector Gasket	11265R10026-004	11265R10026-023	
58	Float Switch	11J11R09753-001		
59	Transformer, 50VA 115/24V ²	11J14R03245-012		
60	Ignition Control Board ³	11J28R09642-003		
61	Flue Collector (includes gaskets) ⁴	11507R09722-200	11507R09722-300	11507R09722-400
62	Turn Cover	11507R09718-200	11507R09718-300	11507R09718-400
63	Turn Cover Gasket	11265R10026-002	11265R10026-013	11265R10026-014
64	Turbulators [Qty. Req'd per Capacity]	11501R10441-001 [38]	11501R10441-001 [56]	11501R10441-001 [77]
65	Main Control Board ⁵	11J11R09580-001		
66	Pressure Switch, Power Venter (Drafter) [label color]	11J11R09691-002 [wht]	11J11R09691-003 [red]	11J11R09691-002 [wht]
67	Pressure Switch, Blocked Inlet [label color]	11J11R09692-001 [turquoise]		11J11R09692-002 [brn]
68	LED Indicator, Red	11J11R09593-001		
69	LED Indicator, Orange	11J11R09593-002		
70	Pressure Transducer (includes wire harness)	11J11R10044-001		
71	Terminal Block Bracket	N/A		
72	Terminal Block	N/A		
73	Inlet Air Collar Gasket	11265R10026-012	11265R10026-017	
74	Inlet Air Collar	11507R10017-200	Included with Filter Box	
75	Filter Box ⁶	11507R09679-200	11507R10146-300	
76	Filter	11J27R09592-002	11J27R09592-003	
77	Filter Box Cover	11507R09698-200	11507R10150-300	
78	Fan Blade [Qty. Req'd per Capacity]	11J34R10162-000 [2]	11J34R10162-001 [2]	11J34R10162-003 [2]
79	Fan Motor (Open Drip Proof) [Qty. Req'd per Capacity]	11J31R09585-001 [2]	11J31R09585-002 [2]	
80	OSHA Fan Guard (includes OSHA Guard Plate) [Qty. Req'd per Capacity]	11J32R04840 [2]		11J32R08289 [2]
81	Fan/Guard/Motor Mount Hardware Kit [Qty. Req'd per Capacity]	11253R10334-002 [2]		
N/S	Ignition Cable [Qty. Req'd per Capacity]	11J28R06971-002 [2]		
N/S	Hanging Bracket, Right	N/A	11252R10161-301	
N/S	Hanging Bracket, Left	N/A	11252R10161-302	
N/S	Condensate Trap Assembly	11264R10330-003		
N/S	Flue Pipe Adaptor	11J40R10104-006	11J40R10104-007	11J40R10133-007
N/S	Flue Drainage Kit	N/A		11257R10163-400
N/S	Pneumatic Tubing, 3/16" ID, 1 ft. length	11H07R01471-002		
N/S	Pneumatic Tubing, 1/8" ID, 1 ft. length	11H07R01471-003		
N/S	Pneumatic Tubing Fittings Kit	11262R10335		

Notes:

- 1- Flue Limit Switch sold separately (installs onto Power Venter).
- 2- See Transformers table for step down transformers used with Supply Voltage options 2-7.
- 3- For size 200-400 units built before March, 2020 use ignition control board 11J28R09642-002.
- 4- When replacing the flue collector, make sure the flue collector box is sealed completely with factory supplied gasket.
- 5- Unit Serial No. is required to be listed on the purchase order; factory will program main control board based on unit serial card.
- 6- Filter Box Cover included with Filter Box for sizes 100-400 MBH, N/A for size 50 MBH.

LEGEND: N/S - Part Not Shown, N/A - Not Applicable

HU SERIES 050-400 MBH REPLACEMENT PARTS GAS CONVERSION KITS & TRANSFORMERS

GAS CONVERSION KITS

From Natural Gas (NG) to Propane (LP)		From Propane (LP) to Natural Gas (NG)	
Unit Size (MBH)	Part Number	Unit Size (MBH)	Part Number
050	11CVKTNTP-HU050	050	11CVKTPTN-HU050
100-200	11CVKTNTP-HU1-2	100-200	11CVKTPTN-HU1-2
300	11CVKTNTP-HU300	300	11CVKTPTN-HU300
400	11CVKTNTP-HU400	400	11CVKTPTN-HU400

TRANSFORMERS

UNIT SIZE (MBH)	050/100 ¹	150/200 ²	300 ³	400 ³
DESCRIPTION	PART NO.			
115/24, 50VA Transformer	11J14R03245-012			
208/115, Transformer	11J14R05241-005	11J14R02832-018	11J14R02832-016	11J14R02832-016
230/115, Transformer	11J14R02832-011	11J14R02832-018	11J14R02832-015	11J14R02832-015
460/115, Transformer	11J14R02832-011	11J14R02832-019	11J14R02832-015	11J14R02832-015
575/115, Transformer	11J14R05241-006	11J14R02832-020	11J14R02832-017	11J14R02832-017

Notes:

- 1- Unit Size 050/100 transformers are 1,500 VA
- 2- Unit Size 150/200 transformers are 3,000 VA
- 3- Unit Size 300 & 400 transformers are 5,000 VA

HU SERIES 050-400 MBH REPLACEMENT PARTS FIELD INSTALLED ACCESSORIES & MISC.

DESCRIPTION [ACCESSORY OPTION NO.]	PART NO.
Pressure Regulator (0.5 to 10 PSI) Natural Gas [A7-1/2-1]	11AS-A7-1/2-1
Pressure Regulator (10 to 20 PSI) Natural Gas [A7-3/8-1]	11AS-A7-3/8-1
Pressure Regulator (20 to 35 PSI) Natural Gas [A7-5/16-1]	11AS-A7-5/16-1
Thermostats (Mercury Free) – 1 Stage (Round) [G1]	11AS-G1
– 1 Stage (Round) w/ Guard [G2]	11AS-G2
– 1 Stage w/ Fan Switch [G3]	11AS-G3
– 2 Stage w/ Fan Switch [G5]	11AS-G5
– 1 Stage Heating Only [G9]	11AS-G9
– 1 WiFi Thermostat TH8321WF1001/U [GW]	11AS-GW
Locking Thermostat Guard/Cover [G6]	11AS-G6
Condensate Neutralizer - Inline (050-200 MBH) [E9]	11AS-E9-1
Condensate Neutralizer - Inline (300-400 MBH) [E9]	11AS-E9-2
Condensate Neutralizer - Wall Mounted (050-200 MBH) [EW]	11AS-EW-1
Condensate Neutralizer - Wall Mounted (300-400 MBH) [EW]	11AS-EW-2
Stratification Sensor [H9]	11AS-H9
Condensate Pump [K8]	11AS-K8
Condensate Pump Shelf [K9]	11AS-K9
2" PVC Concentric Vent Kit (050-150 MBH) [Y2]	11AS-Y2
3" PVC Concentric Vent Kit (200 MBH) [Y3]	11AS-Y3
4" PVC Concentric Vent Kit (300-400 MBH) [Y4]	11AS-Y4
Stainless Steel Wipes, 6 pack	11J37R10027-001
Touch Up Black Paint, Spray Can	11H01R10318-001
High Temp (RTV) Sealant - 2.8 oz. tube	11H03R03612-002
Outdoor Air Sensor (Gas Control options 1 & 2), See Fig. 9	11J11R09966-001
Room Sensor (Gas Control option 5), See Fig. 10	11J11R09974-001

Figure 9 - Outdoor Air Sensor



Figure 10 - Room Sensor




HVAC PRODUCTS

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UNIT HEATERS

GAS-FIRED INDOOR HEATING EQUIPMENT REPLACEMENT PARTS CATALOG

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IMPORTANT
 WHEN ORDERING PARTS, PLEASE
 SPECIFY UNIT MODEL NO. AND SERIAL NO.

IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question on the warranty, we can answer it at this point.
- We will enter your order and issue you a R.G.A. (Return Goods Authorization), if applicable, with instructions on how and where to send the defective parts.
- Your invoice will indicate “no charge” pending the return of the applicable defective parts. The invoice may list the R.G.A number and state: “a R.G.A. has been issued. Re invoicing will occur if no receipt in 30 days.” However, some parts are to be field scrapped, which the invoice will state accordingly. If parts are received by us within the 30 days, and confirmed as “defective in-warranty”, the transaction will be closed.

If we do not receive the parts within 30 days or our inspection reveals a non-warranty condition, then a subsequent invoice will be generated indicating the appropriate cost and we will no longer accept returns on that R.G.A.

In order to insure the orderly processing of your warranty claim it is **MANDATORY** that certain paper work accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to assure proper handling of these goods we insist that under all circumstances we must formally authorize the return of material to our various facilities. Any material returned without authorization will not be accepted.

In order to insure that your properly authorized returns are accepted at our plant, we ask that you clearly mark any and all shipping papers with an R.G.A. number; we will not accept shipments that do not clearly show R.G.A. number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid. Collect Shipments
will not be accepted.**

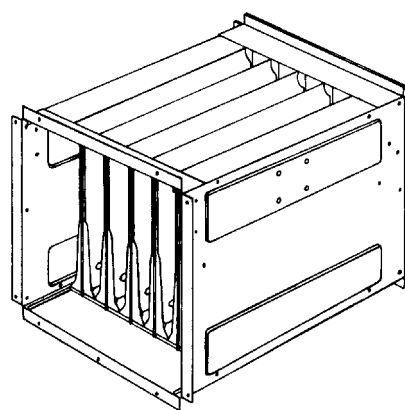
CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY REPLACEMENT
PARTS NOT LISTED IN THIS PUBLICATION. LIMITED AVAILABILITY ON
CERTAIN OBSOLETE EQUIPMENT.

TEL. 413-564-5540 FAX# 413-562-5311

“QV” Series Heat Exchanger

Usage	Unit Size	Part Number		
		Aluminized Steel	409 Stainless Steel	321 Stainless Steel
QVF,	30	602R00330-130	602R00330-330	N/A
QVEF	45	602R00330-145	602R00330-345	N/A
	60	602R00330-160	602R00330-360	N/A
	75	602R00330-175	602R00330-375	N/A
	100	602R05924-104	602R05924-304	602R05924-204
QVF	125	602R05924-105	602R05924-305	602R05924-205
	150	602R05922-106	602R05922-306	602R05922-206
QVF	175	602R05922-107	602R05922-307	602R05922-207
	200	602R05922-108	602R05922-308	602R05922-208
	225	602R05922-109	602R05922-309	602R05922-209
	250	602R05922-110	602R05922-310	602R05922-210
	300	602R05922-112	602R05922-312	602R05922-212
	350	602R05922-114	602R05922-314	602R05922-214
	400	602R05922-116	602R05922-316	602R05922-216
	QVB,	100	602R05927-104	602R05927-304
QVBC	125	602R05927-105	602R05927-305	602R05927-205
QVD,	100	602R05925-104	602R05925-304	602R05925-204
QVED	125	602R05925-105	602R05925-305	602R05925-205
QVB,	150	602R05925-106	602R05925-306	602R05925-206
	175	602R05925-107	602R05925-307	602R05925-207
QVBC,	200	602R05925-108	602R05925-308	602R05925-208
QVD,	225	602R05925-109	602R05925-309	602R05925-209
QVED	250	602R05925-110	602R05925-310	602R05925-210
QVB,	300	602R05925-112	602R05925-312	602R05925-212
	350	602R05925-114	602R05925-314	602R05925-214
	400	602R05925-116	602R05925-316	602R05925-216
	QVEF,	100	602R05928-104	602R05928-304
QVEB	125	602R05928-105	602R05928-305	602R05928-205
QVEB,	150	602R05926-106	602R05926-306	602R05926-206
QVEF	175	602R05926-107	602R05926-307	602R05926-207
	200	602R05926-108	602R05926-308	602R05926-208
	225	602R05926-109	602R05926-309	602R05926-209
	250	602R05926-110	602R05926-310	602R05926-210
	300	602R05926-112	602R05926-312	602R05926-212
	350	602R05926-114	602R05926-314	602R05926-214
	400	602R05926-116	602R05926-316	602R05926-216
	QVS,	100	602R05929-104	602R05929-304
QVES	125	602R05929-105	602R05929-305	602R05929-205
	150	602R05929-106	602R05929-306	602R05929-206
	175	602R05929-107	602R05929-307	602R05929-207
	200	602R05929-108	602R05929-308	602R05929-208
	225	602R05929-109	602R05929-309	602R05929-209
	250	602R05929-110	602R05929-310	602R05929-210
	300	602R05929-112	602R05929-312	602R05929-212
	350	602R05929-114	602R05929-314	602R05929-214
400	602R05929-116	602R05929-316	602R05929-216	

Usage	Unit Size	Part Number		
		Aluminized Steel	409 Stainless Steel	321 Stainless Steel
QVSF,	100	602R05930-104	602R05930-304	602R05930-204
QVSB	125	602R05930-105	602R05930-305	602R05930-205
	150	602R05931-106	602R05931-306	602R05931-206
	175	602R05931-107	602R05931-307	602R05931-207
	200	602R05931-108	602R05931-308	602R05931-208
	225	602R05931-109	602R05931-309	602R05931-209
	250	602R05931-110	602R05931-310	602R05931-210
	300	602R05931-112	602R05931-312	602R05931-212
	350	602R05931-114	602R05931-314	602R05931-214
	400	602R05931-116	602R05931-316	602R05931-216
	QVSD	100	602R05933-104	602R05933-304
125		602R05933-105	602R05933-305	602R05933-205
150		602R05933-106	602R05933-306	602R05933-206
175		602R05933-107	602R05933-307	602R05933-207
200		602R05933-108	602R05933-308	602R05933-208
225		602R05933-109	602R05933-309	602R05933-209
250		602R05933-110	602R05933-310	602R05933-210
300		602R05933-112	602R05933-312	602R05933-212
350	602R05933-114	602R05933-314	602R05933-214	
400	602R05933-116	602R05933-316	602R05933-216	



TYPICAL HEAT EXCHANGER

LEGEND:

- QVF = “QV2” Series Prop
- QVB = “QV2” Series Blower
- QVBC = “QV2” Series Cabinet Blower
- QVD = “QV2” Series Duct (Bottom Access)
- QVEB = “QV2” Series Enerpak Blower
- QVED = “QV2” Series Enerpak Duct (Bottom Access)
- QVEF = “QV2” Series Enerpak Prop
- QVS = “QV2” Series Duct (Side Access)
- QVES = “QV2” Series Enerpak Duct (Side Access)
- QVSB = “QV2” Series Separated Combustion Prop
- QVSD = “QV2” Series Separated Combustion Duct

* Replacement includes required baffles and drawer tracks where applicable

IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Burner Drawers (Prop & Blower)

Usage	Unit Size	Part Number
		Burner Drawer Shell Only
QVF, QVEF, QVB, QVEB, QVBC Only	100	502R06266-004
	125	502R06266-005
	150	502R06267-006
	175	502R06267-007
	200	502R06267-008
	225	502R06268-009
	250	502R06268-010
	300	502R06268-012
	350	502R06268-014
	400	502R06268-016

LEGEND:

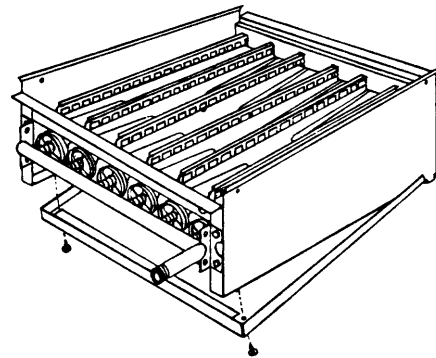
QVF = “QV2” Series Prop
 QVB = “QV2” Series Blower
 QVBC = “QV2” Series Cabinet Blower
 QVEB = “QV2” Series Enerpak Blower
 QVEF = “QV2” Series Enerpak Prop

* Burner drawer assembly includes shell, main burner set, manifold, orifices, shutters, springs.

All orifices are for standard elevations 0-2,000 ft.

See page 16-17 for Duct Furnace Burner Drawers.

Unit Size	Burner Drawer Complete Assemblies*	
	Aluminized Burners Natural Gas	Aluminized Burners LP Gas
	100	502R01778-004
125	502R01778-005	502R01778-105
150	502R01778-006	502R01778-106
175	502R01778-007	502R01778-107
200	502R01778-008	502R01778-108
225	502R01778-009	502R01778-109
250	502R01778-010	502R01778-110
300	502R01778-012	502R01778-112
350	502R01778-014	502R01778-114
400	502R01778-016	502R01778-116



**STANDARD & ENERPAK
 BURNER DRAWER**

Unit Size	Burner Drawer Complete Assemblies*	
	409 SS Burners Natural Gas	409 SS Burners LP Gas
	100	502R01778-204
125	502R01778-205	502R01778-305
150	502R01778-206	502R01778-306
175	502R01778-207	502R01778-307
200	502R01778-208	502R01778-308
225	502R01778-209	502R01778-309
250	502R01778-210	502R01778-310
300	502R01778-212	502R01778-312
350	502R01778-214	502R01778-314
400	502R01778-216	502R01778-316

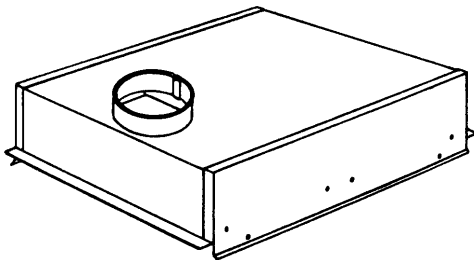
“QV” Series Draft Diverters

Usage	Unit Size	Draft Diverters Replacement Part Numbers		
		Orientation	Aluminized Steel	409 Stainless Steel
QVF	30	Vertical*	507R00339-030	N/A
	45	“	507R00339-045	N/A
	60	“	507R00339-060	N/A
	75	“	507R00339-060	N/A
QVF, QVB, QVBC	100	Vertical*	507R01783-104	507R01783-304
	125	“	507R01783-105	507R01783-305
	150	Vertical	507R01784-106	507R01784-306
	175	“	507R01784-107	507R01784-307
	200	“	507R01784-108	507R01784-308
	225	“	507R01784-109	507R01784-309
	250	“	507R01784-110	507R01784-310
	300	“	507R01785-112	507R01785-312
	350	“	507R01785-114	507R01785-314
	400	“	507R01788-316	507R01788-716
QVF, QVB	150	Horizontal*	507R01786-106	507R01786-306
	175	“	507R01786-107	507R01786-307
	200	“	507R01786-108	507R01786-308
	225	“	507R01786-109	507R01786-309
	250	“	507R01786-110	507R01786-310
	300	“	507R01787-112	507R01787-312
	350	“	507R01787-114	507R01787-314
	400	“	507R01788-116	507R01788-516

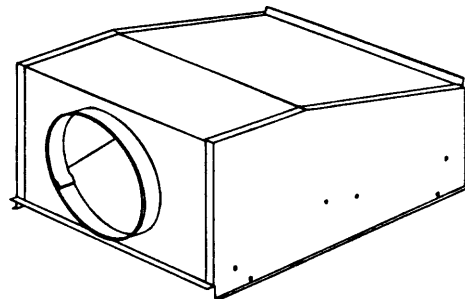
LEGEND:

QVF = “QV2” Series Prop
 QVB = “QV2” Series Blower
 QVBC = “QV2” Series Cabinet Blower

* Indicates standard part on unit.



**STANDARD DRAFT DIVERTER
UNIT SIZES 30 THRU 125**



**STANDARD DRAFT DIVERTER
UNIT SIZES 150 THRU 400**

“QV” Series Draft Diverters *continued*

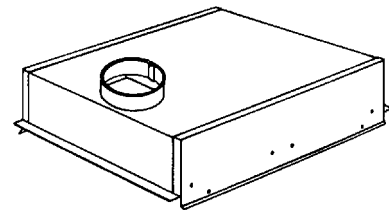
Usage	Unit Size	Duct Furnace Draft Diverters Replacement Part Numbers		
		Orientation	Aluminized Steel	409 Stainless Steel
QVD, QVS	100	Horizontal R.H.	N/A	N/A
	125	“	N/A	N/A
	150	Horizontal R.H.*	507R01786-106	507R01786-306
	175	“	507R01786-107	507R01786-307
	200	“	507R01786-108	507R01786-308
	225	“	507R01786-109	507R01786-309
	250	“	507R01786-110	507R01786-310
	300	“	507R01787-112	507R01787-312
	350	“	507R01787-114	507R01787-314
	400	“	507R01788-116	507R01788-516
QVD, QVS	100	Vertical R.H.*	507R01783-104	507R01783-304
	125	“	507R01783-105	507R01783-305
	150	Vertical R.H.	507R01784-106	507R01784-306
	175	“	507R01784-107	507R01784-307
	200	“	507R01784-108	507R01784-308
	225	“	507R01784-109	507R01784-309
	250	“	507R01784-110	507R01784-310
	300	“	507R01785-112	507R01785-312
	350	“	507R01785-114	507R01785-314
	400	“	507R01788-316	507R01788-716
QVS	100	Horizontal L.H.	N/A	N/A
	125	“	N/A	N/A
	150	“	507R01786-206	507R01786-406
	175	“	507R01786-207	507R01786-407
	200	“	507R01786-208	507R01786-408
	225	“	507R01786-209	507R01786-409
	250	“	507R01786-210	507R01786-410
	300	“	507R01787-212	507R01787-412
	350	“	507R01787-214	507R01787-414
	400	“	507R01788-216	507R01788-616
QVS	100	Vertical L.H.	507R01783-204	507R01783-404
	125	“	507R01783-205	507R01783-405
	150	“	507R01784-206	507R01784-406
	175	“	507R01784-207	507R01784-407
	200	“	507R01784-208	507R01784-408
	225	“	507R01784-209	507R01784-409
	250	“	507R01784-210	507R01784-410
	300	“	507R01785-212	507R01785-412
	350	“	507R01785-214	507R01785-414
	400	“	507R01788-416	507R01788-816

LEGEND:

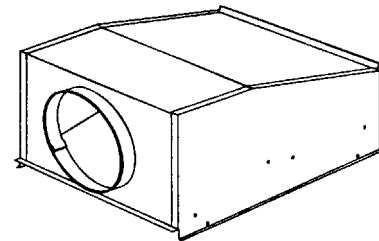
QVD = “QV2” Series Duct
(Bottom Access)

QVS = “QV2” Series Duct
(Side Access)

* Indicates standard part on unit.



**STANDARD DRAFT DIVERTER
UNIT SIZES 100 THRU 125**



**STANDARD DRAFT DIVERTER
UNIT SIZES 150 THRU 400**

“QV” Series Flue Collectors

Usage	Unit Size	Enerpak Flue Collectors Replacement Part Numbers		
		Orientation	Aluminized Steel	409 Stainless Steel
QVEF	30	Horizontal*	507R01102-030	N/A
	45	“	507R01102-045	N/A
	60	“	507R01102-060	N/A
	75	“	507R01102-060	N/A
QVEF, QVEB	100	Horizontal*	507R01109-004	507R01109-304
	125	“	507R01109-005	507R01109-305
	150	“	507R01110-006	507R01110-306
	175	“	507R01110-007	507R01110-307
	200	“	507R01110-008	507R01110-308
	225	“	507R01110-009	507R01110-309
	250	“	507R01110-010	507R01110-310
	300	“	507R01110-012	507R01110-312
	350	“	507R01110-014	507R01110-314
	400	“	507R01110-016	507R01110-316

LEGEND:

QVEB = “QV2” Series Enerpak Blower

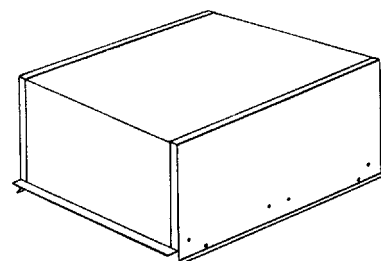
QVEF = “QV2” Series Enerpak Prop

QVED = “QV2” Series Enerpak Duct
(Bottom Access)

QVES = “QV2” Series Enerpak Duct
(Side Access)

* Indicates standard part on unit.

Usage	Unit Size	Enerpak Duct Furnace Flue Collectors Replacement Part Numbers		
		Orientation	Aluminized Steel	409 Stainless Steel
QVED, QVES	100	Horizontal*	507R02685-004	507R02685-304
	125	“	507R02685-005	507R02685-305
	150	“	507R01110-006	507R01110-306
	175	“	507R01110-007	507R01110-307
	200	“	507R01110-008	507R01110-308
	225	“	507R01110-009	507R01110-309
	250	“	507R01110-010	507R01110-310
	300	“	507R01110-012	507R01110-312
	350	“	507R01110-014	507R01110-314
	400	“	507R01110-016	507R01110-316
QVED, QVES	100	Vertical	507R02687-104	507R02687-304
	125	“	507R02687-005	507R02687-305
	150	“	507R02690-106	507R02690-306
	175	“	507R02690-007	507R02690-307
	200	“	507R02690-108	507R02690-308
	225	“	507R02690-009	507R02690-309
	250	“	507R02690-110	507R02690-310
	300	“	507R02690-112	507R02690-312
	350	“	507R02690-114	507R02690-314
	400	“	507R02690-116	507R02690-316



**ENERPAK
FLUE COLLECTOR**

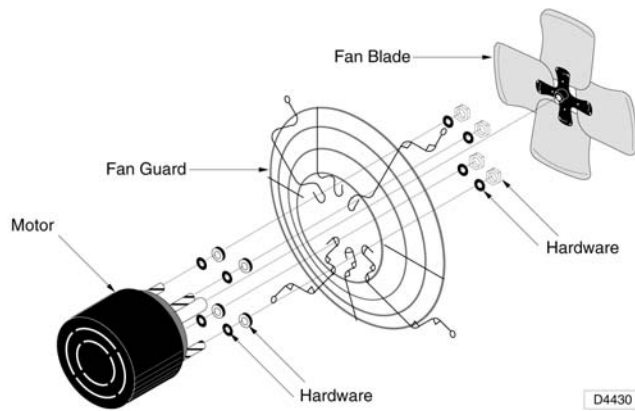
“QV” Series Propeller Parts

Unit Size	QVF, QVEF and QVSF** Units Part Numbers					
	Open Drip Proof* Fan Motor	Totally Enclosed Fan Motor	Fan Blade† For Units Manufactured AFTER June 11, 2007	Standard Fan Guard	OSHA** Fan Guard	Fan Hardware
30	J31R04090	J31R01871	J34R06999-003	253R00250	J32R04837	253R01422-001
45			J34R06999-007	253R01873-001	J32R04840	253R01423-001
60						
75						
100	J31R04091	J31R01872	J34R06999-010	253R01873-001	J32R04840	253R01423-001
125	J31R04092	J31R03086	J34R06999-103			
150	J31R04093-002	J31R01694	J34R06999-104	253R01874-001	J32R04843	253R01423-001
175	J31R04094-002		J34R06999-105			
200						
225						
250						
300	J31R04093-002 (2)	J31R01694 (2)	J34R06999-104 (2)	253R01873-001 (2)	J32R04840 (2)	253R01423-001 (2)
350	J31R04094-002 (2)		J34R06999-105 (2)	253R01874-001 (2)	J32R04843 (2)	
400						

*Standard on units manufactured after September 1995.

**QVSF 100 require OSHA guard M32R06163-004.

†Units manufactured **PRIOR** to June 11, 2007 may require Fan/Blade Motor Kit - see Fan Blade Replacement Table below.



QVF, QVEF and QVSF Fan Blade Replacements Only				
FOR UNITS MANUFACTURED PRIOR TO JUNE 11, 2007				
Unit Size	For Units Equipped with Standard Open Drip Proof Fan Motors		For Units Equipped with Optional Totally Enclosed Fan Motors	
	Fan Blade Only	Fan Blade/Motor Kit	Fan Blade Only	Fan Blade/Motor Kit
30	J34R06999-003	Not Required	J34R06999-003	Not Required
45				
60*	Kit Required >	253R08410-001	Kit Required >	253R08410-002
75*				
100*	Kit Required >	253R08411-001	Kit Required >	253R08411-002
125	J34R06999-103	Not Required	J34R06999-103	Not Required
150*	Kit Required >	253R08412-001	Kit Required >	253R08412-002
175*	J34R06999-105	Not Required	Kit Required >	253R08413-002
200*				
225*				
250*				
300*	Kit Required >	253R08412-001 (2)	Kit Required >	253R08412-002 (2)
350*	J34R06999-105 (2)	Not Required	Kit Required >	253R08413-002 (2)
400*				

*Date new blades put into production: **60/75** - 6/11/07, **100** - 5/24/07, **150,300** - 4/30/07, **175/250, 350, 400** - 3/2/07

NOTE: Kits contain Fan Blade and Fan Motor supplied in (2) boxes.

“QV” Series Enerpak Power Vent Parts

Usage	Unit Size	Part Numbers	
		Power Vent Assembly Complete*	†Pressure Switch Kit***
QVEF, QVEB	30	262R06389	261R06830-003
	45		
	150		
	175		
	200		
	225		
	250		
300			
QVEF, QVEB	60	262R06389	261R06830-002
	75		
	100		
	125		
	350		
QVEF, QVEB	400	262R06389	261R06830-001
QVED, QVES	100 - 400	262R06389	261R06830-001

LEGEND:

QVEB = “QV2” Series Enerpak Blower

QVED = “QV2” Series Enerpak Duct (Bottom Access)

QVES = “QV2” Series Enerpak Duct (Side Access)

QVEF = “QV2” Series Enerpak Prop

* Contains housing, blower wheel, motor, mounting bracket (for air pressure switch), sensing tube, junction box base with motor relay and stack assembly.

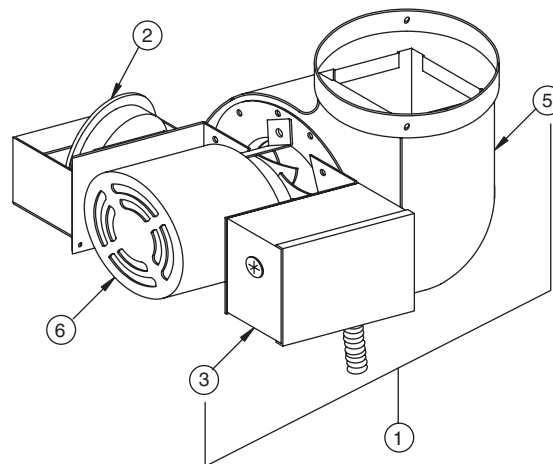
** Required in Canada.

*** See page 18 for Separated Combustion.

†Includes air pressure switch, sensing tube and pressure switch cover.

Usage	Unit Size	Part Numbers	
		Vent Cap**	Draftor Adapter (To Flue Pipe)
QVEF, QVEB QVED, QVES	30	J37R02222-001	J37R02185
	45		
	60		
	75		
	100		
	125		
	150		
	175		
	200		
QVEF, QVEB	225	J37R02222-002	N/A
	250	J37R02222-003	J37R02186
	300		
QVEF, QVEB	350	J37R02222-003	J37R02186
QVED, QVES	400		

1. Power Vent Assembly Complete
2. Pressure Switch Kit
3. Relay (Inside Junction Box)
4. Power Vent Wheel (Not Shown)
5. Power Vent Housing
6. Power Vent Motor



Common Parts	Part Numbers
Relay 24 Volt	J10R03410
Power Vent Housing	253R07047-002
Power Vent Wheel	J35R01126-011
Power Vent Motor	J31R01125
Power Vent	262R06390
Draftor Stack Ass'y*	
Junction Box Cover	260R01123

*Includes mounting collar, stack and tube fitting.

IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Blower Parts (QVB, QVEB, QVBC)

Item No.	Unit Size (Blower Size) Description	100 (9") ¹	125 (10")	150 (10")	175 (12")	200 (12")
		Part Number				
	Blower Assembly Complete ²	602R06335-001	602R06335-002	602R06335-002	602R06335-003	602R06335-003
A	Blower Kit ³	602R06335-001	602R06186-002	602R06186-002	602R06186-003	602R06186-003
H	Blower Motor	Order From Page 10				
C	Blower Shaft	Avail. as Kit only	J35R00540-002	J35R00540-002	J35R00540-003	J35R00540-003
D	Main Bearing (For Units as of August 2000)*†	Avail. as Kit only	J42R00433-008 (2)	J42R00433-008 (2)	J42R00433-009 (2)	J42R00433-009 (2)
K	Blower Assembly ⁴	J35R05947	J35R05948	J35R05948	J35R05949	J35R05949
I	Blower Housing Support (LH)	252R03490-001	252R03490-001	252R03490-001	252R03490-001	252R03490-001
J	Blower Housing Support (RH)	252R03490-002	252R03490-002	252R03490-002	252R03490-002	252R03490-002
N/S	Belt Guard	253R04403-001	253R04403-002	253R04403-002	253R04403-003	253R04403-003
N/S	Rear Blower Panel	251R01979-004	251R01979-005	251R01979-005	251R01979-007	251R01979-008
N/S	Rear Blower Panel Enerpak	251R03489-004	251R03489-005	N/A		
N/S	Rear Blower Mounting Panel Assembly	N/A				
N/S	Bottom Rear Extension Assembly	N/A				
N/S	Adjustable High Limit (QVBC Only)	J11R02260	J11R02260	J11R02260	J11R02260	J11R02260
N/S	High Limit Switch	J11R00306-001	J11R00306-001	J11R00306-001	J11R00306-001	J11R00306-001
G	V-Belt Standard***	J47RA37	J47RA39	J47RA42	J47RA46	
E	Drive Pulley (Standard)***	J35R02136-010	J35R02136-010	J35R02136-003	J35R02136-003	J35R02136-003
F	Driven Pulley (Standard)***	J35R00639-007	J35R00639-007	J35R00639-008	J35R02135-009	J35R02135-009

NOTE:

1. Blower Assembly parts not sold separately on 100 MBH units only.

Item No.	Unit Size (Blower Size) Description	225 (12")	250 (12")	300** (2-10")	350** (2-12")	400** (2-12")
		Part Number				
	Blower Assembly Complete ²	602R06335-0	602R06335-003	602R06335-004	602R06335-005	602R06335-005
A	Blower Kit ³	602R06186-003	602R06186-003	602R06186-002	602R06186-003	602R06186-003
H	Blower Motor	Order From Page 10				
C	Blower Shaft	J35R00540-003	J35R00540-003	J35R01974	J35R01975	J35R01975
D	Main Bearing (For Units as of August 2000)*†	J42R00433-009 (2)	J42R00433-009 (2)	J42R00433-008 (3)	J42R00433-009 (3)	J42R00433-009 (3)
K	Blower Assembly ⁴	J35R05949	J35R05949	J35R05948	J35R05949	J35R05949
I	Blower Housing Support (LH)	252R03490-001	252R03490-001	252R03490-001	252R03490-001	252R03490-001
J	Blower Housing Support (RH)	252R03490-002	252R03490-002	252R03490-002	252R03490-002	252R03490-002
N/S	Belt Guard	253R04403-003	253R04403-003	253R04403-002	253R04403-003	253R04403-003
N/S	Rear Blower Panel	N/A				
N/S	Rear Blower Panel Enerpak	N/A				
N/S	Rear Blower Mounting Panel Assembly	510R01913-009	510R01913-010	510R01915-012	510R01915-014	510R01915-016
N/S	Bottom Rear Extension Assembly	257R01906-009	257R01906-010	257R01906-012	257R01906-014	257R01906-016
N/S	Adjustable High Limit (QVBC Only)	J11R02260	J11R02260	J11R02260	J11R02260	J11R02260
N/S	High Limit Switch	J11R00306-001	J11R00306-001	J11R00306-003	J11R00306-003	J11R00306-003
G	V-Belt Standard***	J47RA46		J47RA43	J47RA46	
E	Drive Pulley (Standard)***	J35R02136-003	J35R02136-003	J35R02136-003	J35R02136-003	J35R02136-003
F	Driven Pulley (Standard)***	J35R02135-009	J35R02135-009	J35R00639-008	J35R02135-009	J35R02135-009

NOTES:

2. Assembly includes housing, wheel, bearings, bearing (spider) brackets, housing supports and shaft.

3. Kit includes housing, wheel, bearing (spider) brackets and housing supports.

4. Assembly includes housing, wheel, and bearing (spider) brackets. J35R05947 also includes shaft and bearings.

*(Quantity Required)

†When ordering bearings for Lau 12" blowers requiring a 2-1/2" outside diameter use part # J42R00433-005.

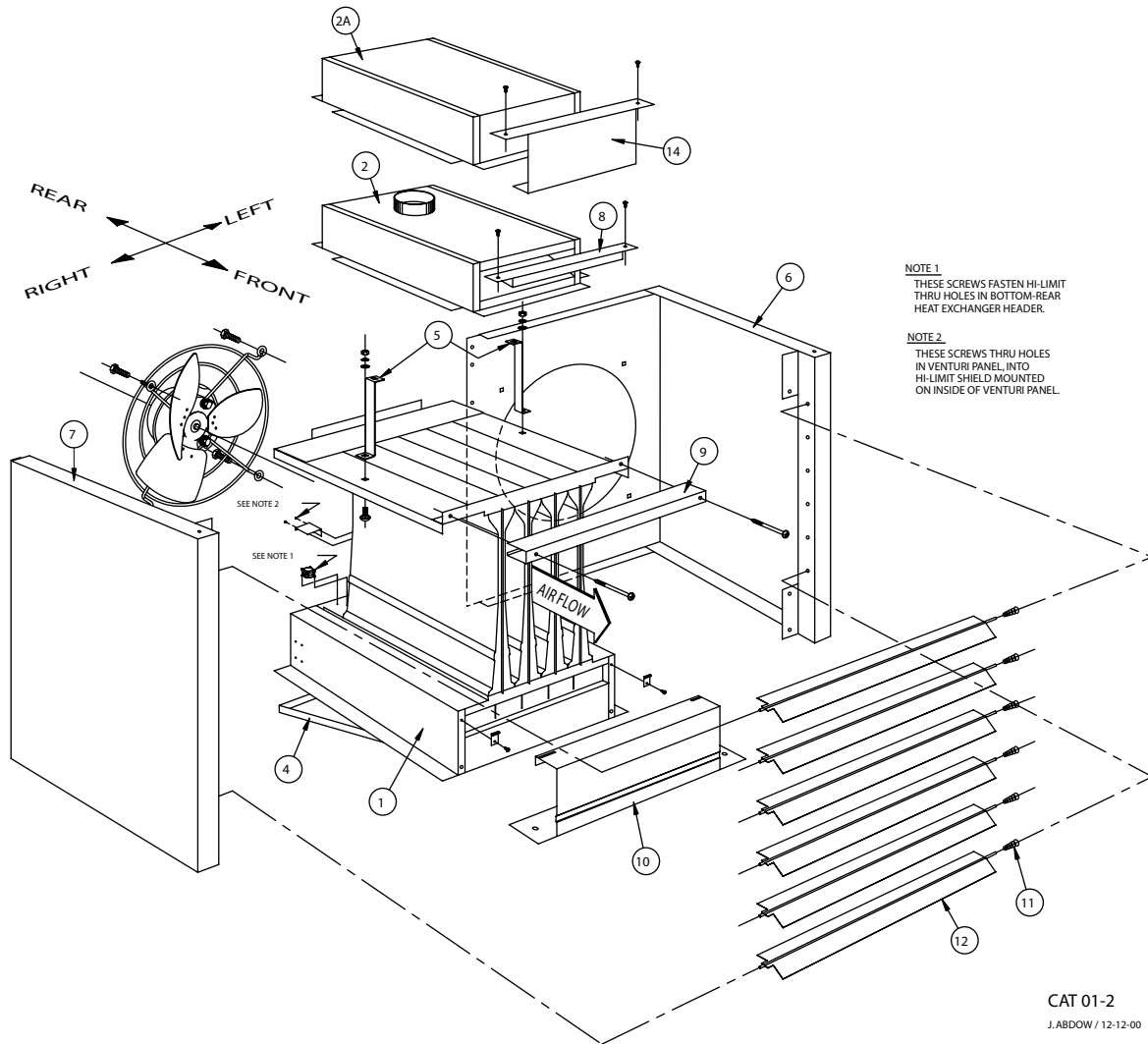
** 300-350-400 size units require 2 blower kits, 3 bearings, 1 shaft.

*** For units manufactured after August 2000, refer to label near blower housing for part number.

N/S = Not Shown.

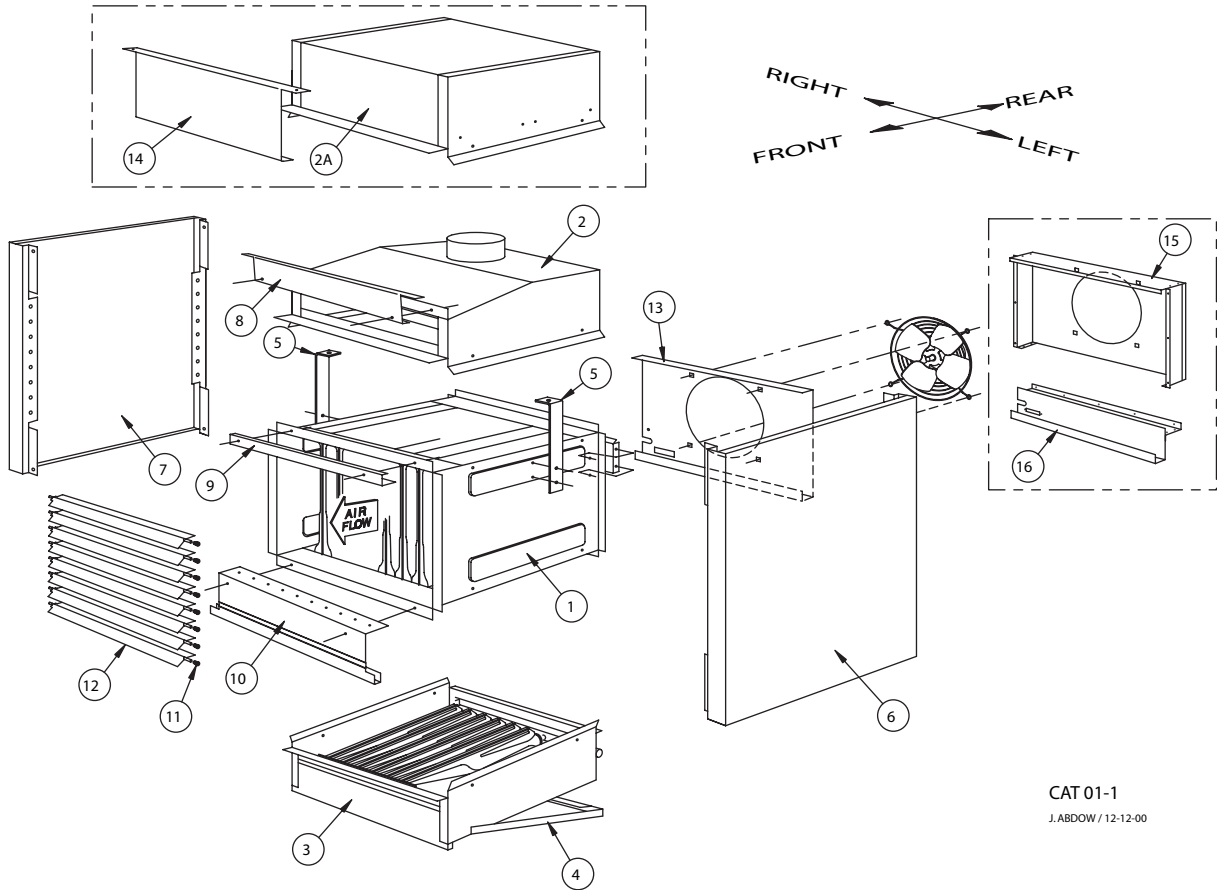
IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Sheet Metal Parts



**STANDARD QVF-30 THRU 75 UNITS
AND ENERPAK QVEF-30 THRU 75 UNITS
PROPELLER SHEET METAL PARTS**

“QV” Series Sheet Metal Parts



CAT 01-1
J.ABDOW / 12-12-00

STANDARD PROPELLER QVF AND BLOWER QVB
ENERPAK PROPELLER QVEF AND BLOWER QVEB**
100 THRU 400 UNIT SIZES
SHEET METAL PARTS**

“QV” Series Sheet Metal Parts

Item No.	Description	Unit Size	30	45	60
		Part Number			
11	Louver Spring (Individual)*		J26R01960 (6)	J26R01960 (6)	J26R01960 (6)
12	Horizontal Louver (Individual)*		257R00272-101 (6)	257R00272-101 (6)	257R00272-116 (6)
7	Right Casing Panel		251R05211-001	251R05211-001	251R05211-002
6	Left Casing Panel (QVF, QVB)		251R05212-001	251R05212-001	251R05212-002
6	Left Casing Panel (QVEF, QVEB)		251R05212-003	251R05212-003	251R05212-004
4	Bottom Service Panel		251R00357-001	251R00357-001	251R00357-002
8	Top Front Trim (Standard Units Only)		251R00363-001	251R00363-001	251R00363-002
9	Center Front Trim (Standard Units Only)		251R00362-001	251R00362-001	251R00362-002
10	Bottom Front Trim		251R01659-001	251R01659-001	251R01659-002
13	Venturi Panel (Standard QVF)		N/A	N/A	N/A
13	Venturi Panel (Enerpak QVEF)		N/A	N/A	N/A
15	Venturi Extension Assembly		N/A	N/A	N/A
16	Bottom Rear Extension Assembly		N/A	N/A	N/A
5	Hangers (Individual) (Standard QVF) R.H.		257R00352	257R00352	257R00352
5	Hangers (Individual) (Standard QVF) L.H.		257R00352	257R00352	257R00352
5	Hangers (Individual) (Enerpak Only) R.H.		257R01106	257R01106	257R01106
5	Hangers (Individual) (Enerpak Only) L.H.		257R01106	257R01106	257R01106
14	Top Front Trim (Enerpak Only)		251R01105-030	251R01105-030	251R01105-060

*(Quantity Required)

Item No.	Description	Unit Size	175	200	225
		Part Number			
11	Louver Spring (Individual)*		J26R01960 (7)	J26R01960 (7)	11J26R01960 (7)
12	Horizontal Louver (Individual)*		257R00272-109 (7)	257R00272-110 (7)	257R00272-111 (7)
7	Right Casing Panel		251R04641	251R04641	251R04641
6	Left Casing Panel (QVF, QVB)		251R04634	251R04634	251R04634
6	Left Casing Panel (QVEF, QVEB)		251R04634	251R04634	251R04634
4	Bottom Service Panel		502R01779-007	502R01779-008	502R01779-009
8	Top Front Trim (Standard Units Only)		251R04648-007	251R04648-008	251R04648-009
9	Center Front Trim (Standard Units Only)		251R01929-007	251R01929-008	251R01929-009
10	Bottom Front Trim		251R01789-007	251R01789-008	251R01789-009
13	Venturi Panel (Standard QVF)		251R01841-007	251R01841-008	N/A
13	Venturi Panel (Enerpak QVEF)		251R01841-007	251R01841-008	N/A
15	Venturi Extension Assembly		N/A	N/A	257R01900-009
16	Bottom Rear Extension Assembly		N/A	N/A	257R01906-009
5	Hangers (Individual) (Standard QVF) R.H.		252R01848-001	252R01848-001	252R01344-001
5	Hangers (Individual) (Standard QVF) L.H.		252R01848-002	252R01848-002	252R01344-002
5	Hangers (Individual) (Enerpak Only) R.H.		252R01344-001	252R01344-001	252R01344-001
5	Hangers (Individual) (Enerpak Only) L.H.		252R01344-002	252R01344-002	252R01344-002
14	Top Front Trim (Enerpak Only)		251R01925-007	251R01925-008	251R01925-009

*(Quantity Required)

Refer to pages 12 and 13 for item numbers.

“QV” Series Sheet Metal Parts *continued*

Item No.	Description	Unit Size	75	100	125	150
		Part Number				
11	Louver Spring (Individual)*		J26R01960 (6)	J26R01960 (7)	J26R01960 (7)	J26R01960 (7)
12	Horizontal Louver (Individual)*		257R00272-116 (6)	257R00272-105 (7)	257R00272-108 (7)	257R00272-108 (7)
7	Right Casing Panel		251R05211-002	251R04640	251R04640	251R04641
6	Left Casing Panel (QVF, QVB)		251R05212-002	251R04633	251R04633	251R04634
6	Left Casing Panel (QVEF, QVEB)		251R05212-004	251R04633	251R04633	251R04634
4	Bottom Service Panel		251R00357-002	502R01782-004	502R01782-005	502R01779-006
8	Top Front Trim (Standard Units Only)		251R00363-002	251R04647-004	251R04647-005	251R04648-006
9	Center Front Trim (Standard Units Only)		251R00362-002	251R01928-004	251R01928-005	251R01929-006
10	Bottom Front Trim		251R01659-002	251R01789-004	251R01789-005	251R01789-005
13	Venturi Panel (Standard QVF)		N/A	251R01840	251R01841-005	251R01841-005
13	Venturi Panel (Enerpak QVEF)		N/A	251R03491-004	251R03492-005	251R01841-005
15	Venturi Extension Assembly		N/A	N/A	N/A	N/A
16	Bottom Rear Extension Assembly		N/A	N/A	N/A	N/A
5	Hangers (Individual) (Standard QVF) R.H.		257R00352	252R01847	252R01847	252R01848-001
5	Hangers (Individual) (Standard QVF) L.H.		257R00352	252R01847	252R01847	252R01848-002
5	Hangers (Individual) (Enerpak Only) R.H.		257R01106	252R01399-001	252R01399-001	252R01344-001
5	Hangers (Individual) (Enerpak Only) L.H.		257R01106	252R01399-002	252R01399-002	252R01344-002
14	Top Front Trim (Enerpak Only)		251R01105-060	251R01925-004	251R01925-005	251R01925-006

*(Quantity Required)

Refer to pages 12 and 13 for item numbers.

Item No.	Description	Unit Size	250	300	350	400
		Part Number				
11	Louver Spring (Individual)*		J26R01960 (7)	J26R01960 (7)	J26R01960 (7)	J26R01960 (7)
12	Horizontal Louver (Individual)*		257R00272-112 (7)	257R00272-113 (7)	257R00272-114 (7)	257R00272-115 (7)
7	Right Casing Panel		251R04641	251R04641	251R04641	251R04641
6	Left Casing Panel (QVF, QVB)		251R04634	251R04634	251R04634	251R04634
6	Left Casing Panel (QVEF, QVEB)		251R04634	251R04634	251R04634	251R04634
4	Bottom Service Panel		502R01779-010	502R01779-012	502R01779-014	502R01779-016
8	Top Front Trim (Standard Units Only)		251R04648-010	251R04648-012	251R04648-014	251R04648-016
9	Center Front Trim (Standard Units Only)		251R01929-010	251R01929-012	251R01929-014	251R01929-016
10	Bottom Front Trim		251R01789-010	251R01789-012	251R01789-014	251R01789-016
13	Venturi Panel (Standard QVF)		N/A	N/A	N/A	N/A
13	Venturi Panel (Enerpak QVEF)		N/A	N/A	N/A	N/A
15	Venturi Extension Assembly		257R01900-010	257R01901-012	257R01901-014	257R01901-016
16	Bottom Rear Extension Assembly		257R01906-010	257R01906-012	257R01906-014	257R01906-016
5	Hangers (Individual) (Standard QVF) R.H.		252R01344-001	252R01344-001	252R01344-001	252R01344-001
5	Hangers (Individual) (Standard QVF) L.H.		252R01344-002	252R01344-002	252R01344-002	252R01344-002
5	Hangers (Individual) (Enerpak Only) R.H.		252R01344-001	252R01344-001	252R01344-001	252R01344-001
5	Hangers (Individual) (Enerpak Only) L.H.		252R01344-002	252R01344-002	252R01344-002	252R01344-002
14	Top Front Trim (Enerpak Only)		251R01925-010	251R01925-012	251R01925-014	251R01925-016

*(Quantity Required)

Refer to pages 12 and 13 for item numbers.

“QV” Series Duct Furnace Parts

Description	Unit Size Part Usage				Unit Size			
	D	S	ED	ES	100	125	150	
					Part Number			
Burner Drawer Shell	(Standard - R.H.)	X	N/A	X	N/A	502R06266-004	502R06266-005	502R06267-006
	(Standard - L.H.)	Opt'l	N/A	Opt'l	N/A	502R06262-004	502R06262-005	502R06263-006
Burner Drawer Complete*	(Standard - R.H.)	X	N/A	X	N/A	502R01778-004	502R01778-005	502R01778-006
	(Standard - L.H.)	Opt'l	N/A	Opt'l	N/A	502R02699-004	502R02699-005	502R02699-006
Burner Drawer Shell	(Side Access - R.H.)	N/A	X	N/A	X	502R04910-004	502R04910-005	502R04917-006
	(Side Access - L.H.)	N/A	Opt'l	N/A	Opt'l	502R04911-004	502R04911-005	502R04918-006
Burner Drawer Complete*	(Side Access - R.H.)	N/A	X	N/A	X	502R02693-004	502R02693-005	502R02693-006
	(Side Access - L.H.)	N/A	Opt'l	N/A	Opt'l	502R02694-004	502R026094-005	502R02694-006
Burner Manifold	(Standard - R.H.)	X	N/A	X	N/A	503R01936-004	503R01936-005	503R01936-006
	(Standard - L.H.)	Opt'l	N/A	Opt'l	N/A	503R01936-004	503R01936-005	503R01936-006
Burner Manifold	(Side Access - R.H.)	N/A	X	N/A	X	503R02695-004	503R02695-005	503R02695-006
	(Side Access - L.H.)	N/A	Opt'l	N/A	Opt'l	503R02695-004	503R02695-005	503R02695-006
Outside Jacket Panel		X	X	X	X	251R02663	251R02663	251R02663
Outside Jacket	(R.H.)	X	N/A	X	N/A	251R02664-001	251R02664-001	251R02664-001
Access Panel	(L.H.)	Opt'l	N/A	Opt'l	N/A	251R02664-002	251R02664-002	251R02664-002
Bottom Service Panel		X	X	X	X	502R01782-004	502R01782-005	502R01779-006
High Limit Access Door		X	X	X	X	258R02684	258R02684	258R02684
High Limit	(R.H.)	X	X	X	X	252R05587-101	252R05587-101	252R05587-102
Bracket Assembly	(L.H.)	X	X	X	X	252R05588-101	252R05588-101	252R05588-102
Lower Access	(R.H.)	N/A	X	N/A	X	251R02671-001	251R02671-001	251R02671-001
Jacket Panel	(L.H.)	N/A	Opt'l	N/A	Opt'l	251R02671-002	251R02671-002	251R02671-002
Upper Access	(R.H.)	N/A	X	N/A	X	251R04019	251R04019	251R04019
Jacket Panel	(L.H.)	N/A	Opt'l	N/A	Opt'l	251R04019	251R04019	251R04019
Channel Assembly	(R.H.)	N/A	X	N/A	X	251R02665-001	251R02665-001	251R02665-001
	(L.H.)	N/A	Opt'l	N/A	Opt'l	251R02665-002	251R02665-002	251R02665-002
Angle Assembly	(R.H.)	N/A	X	N/A	X	251R02668-001	251R02668-001	251R02668-001
	(L.H.)	N/A	Opt'l	N/A	Opt'l	251R02668-002	251R02668-002	251R02668-002
Lower Front Trim Panel		X	X	X	X	251R02662-004	251R02662-005	251R02662-005
Blocked Vent (Spill) Switch Cover		X	X	N/A	N/A	257R02845-001	257R02845-001	257R02845-002
Pilot Burner	(Spark - R.H.) Nat.	Opt'l	Opt'l	X	X	J38R04578-001	J38R04578-001	J38R04578-001
	(Spark - L.H.) Nat.	Opt'l	Opt'l	Opt'l	Opt'l	J38R07982-001	J38R07982-001	J38R07982-001
Pilot Burner	(Spark - R.H.) L.P.	Opt'l	Opt'l	Opt'l	Opt'l	J38R04578-002	J38R04578-002	J38R04578-002
	(Spark - L.H.) L.P.	Opt'l	Opt'l	Opt'l	Opt'l	J38R07982-002	J38R07982-002	J38R07982-002
Pilot Burner	(Standing Pilot - R.H.) Nat.	X	X	N/A	N/A	J38R00291-001	J38R00291-001	J38R00291-001
	(Standing Pilot - L.H.) Nat.	Opt'l	Opt'l	N/A	N/A	J38R00492-001	J38R00492-001	J38R00492-001
Pilot Burner	(Standing Pilot - R.H.) L.P.	Opt'l	Opt'l	N/A	N/A	J38R00291-002	J38R00291-002	J38R00291-002
	(Standing Pilot - L.H.) L.P.	Opt'l	Opt'l	N/A	N/A	J38R00492-002	J38R00492-002	J38R00492-002

*Includes Burner Drawer Shell, Manifold, Burners, Springs, Air Shutters, Orifices for 0-2,000 ft.

“QV” Series Duct Furnace Parts *continued*

Unit Size						
175	200	225	250	300	350	400
Part Number						
502R06267-007	502R06267-008	502R06268-009	502R06268-010	502R06268-012	502R06268-014	502R06268-016
502R06263-007	502R06263-008	502R06264-009	502R06264-010	502R06264-012	502R06264-014	502R06264-016
502R01778-007	502R01778-008	502R01778-009	502R01778-010	502R01778-012	502R01778-014	502R01778-016
502R02699-007	502R02699-008	502R02699-009	502R02699-010	502R02699-012	502R02699-014	502R02699-016
502R04917-007	502R04917-008	502R04919-009	502R04919-010	502R04919-012	502R04919-014	502R04919-016
502R04918-007	502R04918-008	502R04920-009	502R04920-010	502R04920-012	502R04920-014	502R04920-016
502R02693-007	502R02693-008	502R02693-009	502R02693-010	502R02693-012	502R02693-014	502R02693-016
502R02694-007	502R02694-008	502R02694-009	502R02694-010	502R02694-012	502R02694-014	502R02694-016
503R01936-007	503R01936-008	503R01938-009	503R01938-010	503R01938-012	503R01938-014	503R01938-016
503R01936-007	503R01936-008	503R01938-009	503R01938-010	503R01938-012	503R01938-014	503R01938-016
503R02695-007	503R02695-008	503R02696-009	503R02696-010	503R02696-012	503R02696-014	503R02696-016
503R02695-007	503R02695-008	503R02696-009	503R02696-010	503R02696-012	503R02696-014	503R02696-016
251R02663	251R02663	251R02663	251R02663	251R02663	251R02663	251R02663
251R02664-001	251R02664-001	251R02664-001	251R02664-001	251R02664-001	251R02664-001	251R02664-001
251R02664-002	251R02664-002	251R02664-002	251R02664-002	251R02664-002	251R02664-002	251R02664-002
502R01779-007	502R01779-008	502R01779-009	502R01779-010	502R01779-012	502R01779-014	502R01779-016
258R02684	258R02684	258R02684	258R02684	258R02684	258R02684	258R02684
252R05587-102	252R05587-102	252R05587-102	252R05587-102	252R05587-102	252R05587-102	252R05587-102
252R05588-102	252R05588-102	252R05588-102	252R05588-102	252R05588-102	252R05588-102	252R05588-102
251R02671-001	251R02671-001	251R02671-001	251R02671-001	251R02671-001	251R02671-001	251R02671-001
251R02671-002	251R02671-002	251R02671-002	251R02671-002	251R02671-002	251R02671-002	251R02671-002
251R04019	251R04019	251R04019	251R04019	251R04019	251R04019	251R04019
251R04019	251R04019	251R04019	251R04019	251R04019	251R04019	251R04019
251R02665-001	251R02665-001	251R02665-001	251R02665-001	251R02665-001	251R02665-001	251R02665-001
251R02665-002	251R02665-002	251R02665-002	251R02665-002	251R02665-002	251R02665-002	251R02665-002
251R02668-001	251R02668-001	251R02668-001	251R02668-001	251R02668-001	251R02668-001	251R02668-001
251R02668-002	251R02668-002	251R02668-002	251R02668-002	251R02668-002	251R02668-002	251R02668-002
251R02662-007	251R02662-008	251R02662-009	251R02662-010	251R02662-012	251R02662-014	251R02662-016
257R02845-002	257R02845-002	257R02845-002	257R02845-002	257R02845-002	257R02845-002	257R02845-002
J38R04578-001	J38R04578-001	J38R04578-001	J38R04578-001	J38R04578-001	J38R04578-001	J38R04578-001
J38R07982-001	J38R07982-001	J38R07982-001	J38R07982-001	J38R07982-001	J38R07982-001	J38R07982-001
J38R04578-002	J38R04578-002	J38R04578-002	J38R04578-002	J38R04578-002	J38R04578-002	J38R04578-002
J38R07982-002	J38R07982-002	J38R07982-002	J38R07982-002	J38R07982-002	J38R07982-002	J38R07982-002
J38R00291-001	J38R00291-001	J38R00291-001	J38R00291-001	J38R00291-001	J38R00291-001	J38R00291-001
J38R00492-001	J38R00492-001	J38R00492-001	J38R00492-001	J38R00492-001	J38R00492-001	J38R00492-001
J38R00291-002	J38R00291-002	J38R00291-002	J38R00291-002	J38R00291-002	J38R00291-002	J38R00291-002
J38R00492-002	J38R00492-002	J38R00492-002	J38R00492-002	J38R00492-002	J38R00492-002	J38R00492-002

IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Separated Combustion Parts (QVSF, QVSB, QVSD)

Unit Size	100	125	150	175	200
Description	Part Number				
Power Vent Assembly	262R06389				
Power Vent Drafter Stack Assembly	262R06390				
Power Vent Housing	253R07047-002				
Power Vent Wheel	J35R01126-011				
Pressure Switch Kit	261R06830-004				
Sensor Lead	See Footnote 1				
Pilot Burner Assembly N.G.	504R03047-001	504R03047-001	504R03049-001	504R03049-001	504R03049-001
Pilot Burner Assembly L.P.	504R03047-002	504R03047-002	504R03049-002	504R03049-002	504R03049-002
Pilot Tubing	261R04962-003				
Burner Manifold Assembly	503R03039-004	503R03039-005	503R03039-006	503R03039-007	503R03039-008
High Limit Switch - QVSF	J11R00306-002	J11R00306-002	J11R00306-002	J11R00306-002	J11R00306-002
High Limit Switch - QVSB	J11R00306-001	J11R00306-001	J11R00306-001	J11R00306-001	J11R00306-001
High Limit Switch - QVSD w/FTD	J11R03149-001	J11R03149-001	J11R03149-001	J11R03149-001	J11R03149-001
High Limit Switch - QVSD w/out FTD	J11R03148-001	J11R03148-001	J11R03148-001	J11R03148-001	J11R03148-001
Blower Assembly Complete*	602R06337-001	602R06337-002		602R06337-003	
Blower Kit‡	602R06328-001	602R06328-002		602R06328-003	
Fan Motor	See Page 8				
Fan Blade	See Page 8				
Pre-Purge Relay	J11R00366				

Unit Size	225	250	300**	350**	400**
Description	Part Number				
Power Vent Assembly	262R06389				
Power Vent Drafter Stack Assembly	262R06390				
Power Vent Housing	253R07047-002				
Power Vent Wheel	J35R01126-011				J35R00703-014
Pressure Switch Kit	261R06830-004				261R06830-005
Sensor Lead	See Footnote 1				
Pilot Burner Assembly N.G.	504R03049-001	504R03049-001	504R03049-001	504R03049-001	504R03049-001
Pilot Burner Assembly L.P.	504R03049-002	504R03049-002	504R03049-002	504R03049-002	504R03049-002
Pilot Tubing	261R04962-003				
Burner Manifold Assembly	503R01938-009	503R01938-010	503R01938-012	503R01938-014	503R01938-016
High Limit Switch - QVSF	J11R00306-002	J11R00306-002	J11R00306-003	J11R00306-003	J11R00306-003
High Limit Switch - QVSB	J11R00306-002	J11R00306-002	J11R00306-002	J11R00306-002	J11R00306-002
High Limit Switch - QVSD w/FTD	J11R03149-001	J11R03149-001	J11R03149-001	J11R03149-001	J11R03149-001
High Limit Switch - QVSD w/out FTD	J11R03148-001	J11R03148-001	J11R03148-001	J11R03148-001	J11R03148-001
Blower Assembly Complete*	602R06337-003		602R06337-004	602R06337-005	
Blower Kit‡	602R06328-003		602R06328-002 (2)	602R06328-003 (2)	
Fan Motor	See Page 8				
Fan Blade	See Page 8				
Pre-Purge Relay	J11R00366				

*Blower assembly includes housing, wheel, bearing brackets, shaft, bearings and support brackets. For individual shaft and bearings see page 11.

**QVSB300-350-400 size units require 2 blower kits, 3 bearings, 1 shaft.

‡Kit includes housing (with bearing [spider] brackets), wheel and support brackets.

1. Sensor lead included with pilot burner assembly.

FTD = Fan Time Delay

Cabinet Blower (CAB) Parts

Unit Size	CAB1/100	CAB1/125	CAB2/150	CAB2/175	CAB3/200
Description	Part Number				
Blower Assembly Complete*	602R05750-001	602R05750-001	602R05750-002	602R05750-002	602R05750-002
Blower Kit‡	602R05751-001	602R05751-001	602R05751-002	602R05751-002	602R05751-002
Blower Shaft	J35R00540-002	J35R00540-002	J35R00540-003	J35R00540-003	J35R00540-003
Main Bearing (as of Aug. 2000) ⁽¹⁾ †	J42R00433-008	J42R00433-008	J42R00433-009	J42R00433-009	J42R00433-009
V-Belt Standard***	Specify Size				
Drive Pulley***	Call				
Driven Pulley***	Call				
Service Door	258R06192				

Unit Size	CAB3/225	CAB3/250	CAB4/300**	CAB4/350**	CAB4/400**
Description	Part Number				
Blower Assembly Complete*	602R05750-002	602R05750-002	602R05750-004	602R05750-004	602R05750-004
Blower Kit‡	602R05751-002	602R05751-002	602R05751-002 (2)	602R05751-002 (2)	602R05751-002 (2)
Blower Shaft	J35R00540-003	J35R00540-003	J35R01975	J35R01975	J35R01975
Main Bearing (as of Aug. 2000) ⁽¹⁾ †	J42R00433-009	J42R00433-009	J42R00433-009	J42R00433-009	J42R00433-009
V-Belt Standard***	Specify Size				
Drive Pulley***	Call				
Driven Pulley***	Call				
Service Door	258R06192				

*Blower Assembly includes housing, wheel, bearing brackets, shaft, bearings and support brackets.

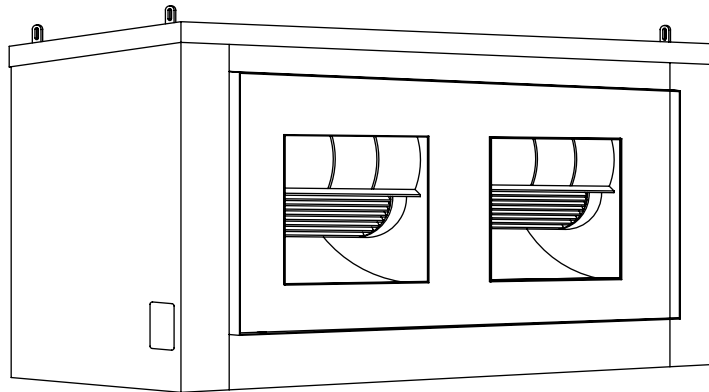
**300-350-400 size units require 2 blower kits, 3 bearings, 1 shaft.

***For units manufactured after August 2000, refer to label near blower housing for part number.

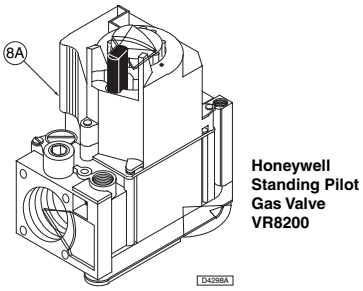
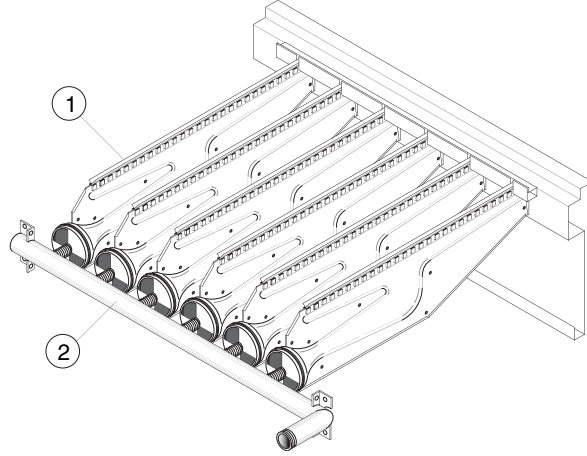
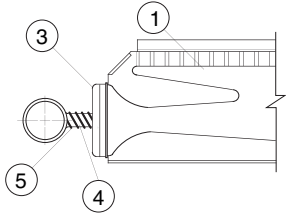
⁽¹⁾ CAB1, 2, 3 requires two (2) bearings, CAB4 requires three (3) bearings.

†When ordering bearings for a 2-1/2" outside diameter use part # J42R000433-005.

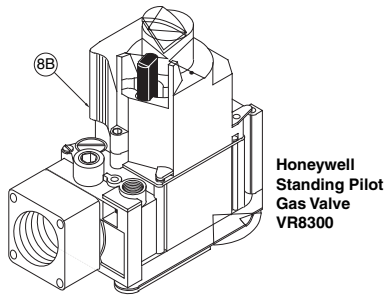
‡Kit includes housing (with bearing [spider] brackets), wheel and support brackets.



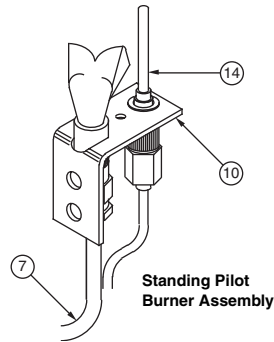
“QV” Series Common and Standing Pilot Parts



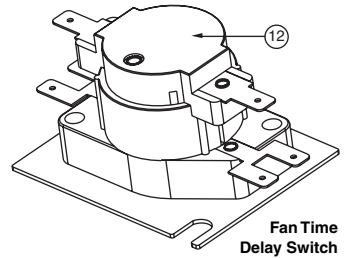
Honeywell
Standing Pilot
Gas Valve
VR8200



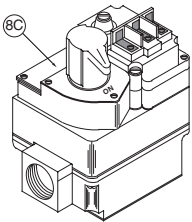
Honeywell
Standing Pilot
Gas Valve
VR8300



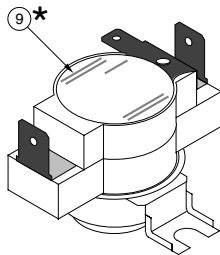
Standing Pilot
Burner Assembly



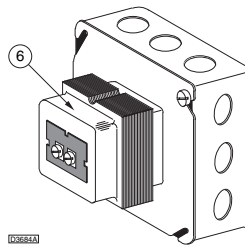
Fan Time
Delay Switch



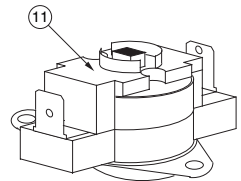
White Rodgers Standing Pilot Gas Valve
36C



Hi Limit



Transformer



Blocked Vent (Spill) Switch

“QV” Series Common and Standing Pilot Parts

Item No.	Description	Unit Size		
		30	45	60
		Part Number		
8A,8B,8C	Main Gas Valve Natural Gas	J28R02098-002		
8A,8B,8C	Main Gas Valve L.P. Gas	J28R02098-001		
10	Pilot Burner Natural Gas	J38R00291-001		
10	Pilot Burner L.P. Gas	J38R00291-002		
7	Pilot Tubing	257R04945-001		
14	Thermocouple	J11R00292		
1	Main Burner Set Aluminized Steel	502R00118-030	502R00118-045	502R00118-060
1	Main Burner Set 409 Stainless Steel	N/A		
N/S	Burner Orifice Set (L.P. Gas)	503R00057-030	503R00057-045	503R00057-060
N/S	Burner Orifice Set (Natural Gas)	503R00049-030	503R00049-045	503R00049-060
4	Burner Spring Set	502R01961-002	502R01961-003	502R01961-004
3	Air Shutter Set	502R01946-902	502R01946-903	502R01946-904
2	Manifold	503R00347-030	503R00347-045	503R00347-060
9	High Limit (Propeller Only)*	J11R00306-001		
12	Fan Time Delay (Inside Junction Box)	J11R00366		
6	Transformer (115/24 20 VA)	J14R03075		
N/S	E.C.O. (Natural Gas Valve)	N/A		
11	Blocked Vent Switch (Propeller and Blower Only)	J11R02833-001		
11	Blocked Vent Switch (Duct Only)	N/A		
	No. Of Burners Per Unit	2	3	4

Item No.	Description	Unit Size		
		75	100	125
		Part Number		
8A,8B,8C	Main Gas Valve Natural Gas	J28R02098-002		
8A,8B,8C	Main Gas Valve L.P. Gas	J28R02098-001		
10	Pilot Burner Natural Gas	J38R00291-001		
10	Pilot Burner L.P. Gas	J38R00291-002		
7	Pilot Tubing	257R04945-001		
14	Thermocouple	J11R00292		
1	Main Burner Set Aluminized Steel	502R00118-075	502R01654-804	502R01654-805
1	Main Burner Set 409 Stainless Steel	N/A	502R01654-904	502R01654-905
N/S	Burner Orifice Set (L.P. Gas)	503R00057-075	503R00054-004	503R00054-005
N/S	Burner Orifice Set (Natural Gas)	503R00049-075	503R00042-004	503R00042-005
4	Burner Spring Set	502R01961-005	502R01961-004	502R01961-005
3	Air Shutter Set	502R01946-905	502R01946-904	502R01946-905
2	Manifold†	503R00347-075	503R01936-004	503R01936-005
9	High Limit (Propeller Only)*†	J11R00306-001	J11R00306-002	
9	High Limit (Duct Only w/out Fan Time Delay)*†	N/A	J11R02682	
9	High Limit (Duct Only w/Fan Time Delay)	N/A	J11R02683	
12	Fan Time Delay (Inside Junction Box)	J11R00366		
6	Transformer (115/24 20 VA)	J14R03075		
N/S	E.C.O. (Natural Gas Valve)	N/A		
11	Blocked Vent Switch (Propeller and Blower Only)	J11R02833-003	J11R02833-002	
11	Blocked Vent Switch (Duct Only)	N/A	J11R02833-003	
	No. Of Burners Per Unit	5	4	5

* Located on the bottom rear header plate of the heat exchanger. †See page 18 for Separated Combustion.
Refer to page 20 for item number.
N/S = Not Shown.

IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Common and Standing Pilot Parts *continued*

Item No.	Description	Unit Size	150	175	200	225
		Part Number				
8A,8B,8C	Main Gas Valve Natural Gas		J28R02098-002		J28R03068-001	J28R03068-002
8A,8B,8C	Main Gas Valve L.P. Gas		J28R02098-001			
10	Pilot Burner Natural Gas		J38R00291-001			
10	Pilot Burner L.P. Gas		J38R00291-002			
7	Pilot Tubing		257R04945-001			
14	Thermocouple		J11R00292			
1	Main Burner Set Aluminized Steel		502R01654-806	502R01654-807	502R01654-808	502R01654-809
1	Main Burner Set 409 Stainless Steel		502R01654-906	502R01654-907	502R01654-908	502R01654-909
N/S	Burner Orifice Set (L.P. Gas)		503R00054-006	503R00054-007	503R00054-008	503R00054-009
N/S	Burner Orifice Set (Natural Gas)		503R00042-006	503R00042-007	503R00042-008	503R00042-009
4	Burner Spring Set		502R01961-006	502R01961-007	502R01961-008	502R01961-009
3	Air Shutter Set		502R01946-906	502R01946-907	502R01946-908	502R01946-909
2	Manifold†		503R01936-006	503R01936-007	503R01936-008	503R01938-009
9	High Limit (Propeller Only)*†		J11R00306-002			
9	High Limit (Duct Only w/out Fan Time Delay)*†		J11R02682			
9	High Limit (Duct Only w/Fan Time Delay)		J11R02683			
12	Fan Time Delay (Inside Junction Box)		J11R00366			
6	Transformer (115/24 20 VA)		J14R03075			
N/S	E.C.O. (Natural Gas Valve)		N/A			
11	Blocked Vent Switch (Propeller and Blower Only)		J11R02833-002			
11	Blocked Vent Switch (Duct Only)		J11R02833-003			
	No. Of Burners Per Unit		6	7	8	9

Item No.	Description	Unit Size	250	300	350	400
		Part Number				
8A,8B,8C	Main Gas Valve Natural Gas		J28R03068-002	J28R00381-002		
8A,8B,8C	Main Gas Valve L.P. Gas		J28R02098-001	J28R03068-003	J28R00382-001	
10	Pilot Burner Natural Gas		J38R00291-001			
10	Pilot Burner L.P. Gas		J38R00291-002			
7	Pilot Tubing		257R04945-001			
14	Thermocouple		J11R00292			
1	Main Burner Set Aluminized Steel		502R01654-810	502R01654-812	502R01654-814	502R01654-816
1	Main Burner Set 409 Stainless Steel		502R01654-910	502R01654-912	502R01654-914	502R01654-916
N/S	Burner Orifice Set (L.P. Gas)		503R00054-010	503R00054-012	503R00054-014	503R00054-016
N/S	Burner Orifice Set (Natural Gas)		503R00042-010	503R00042-012	503R00042-014	503R00042-016
4	Burner Spring Set		502R01961-010	502R01961-012	502R01961-014	502R01961-016
3	Air Shutter Set		502R01946-910	502R01946-912	502R01946-914	502R01946-916
2	Manifold†		503R01938-010	503R01938-012	503R01938-014	503R01938-016
9	High Limit (Propeller Only)*†		J11R00306-002			
9	High Limit (Duct Only w/out Fan Time Delay)*†		J11R02682			
9	High Limit (Duct Only w/Fan Time Delay)		J11R02683			
12	Fan Time Delay (Inside Junction Box)		J11R00366			
6	Transformer (115/24 20 VA)		J14R03075			
N/S	E.C.O. (Natural Gas Valve)		J11R00775			
11	Blocked Vent Switch (Propeller and Blower Only)		J11R02833-002			
11	Blocked Vent Switch (Duct Only)		J11R02833-003			
	No. Of Burners Per Unit		10	12	14	16

* Located on the bottom rear header plate of the heat exchanger. †See page 18 for Separated Combustion.
N/S = Not Shown.

“QV” Series Electronic Ignition Parts

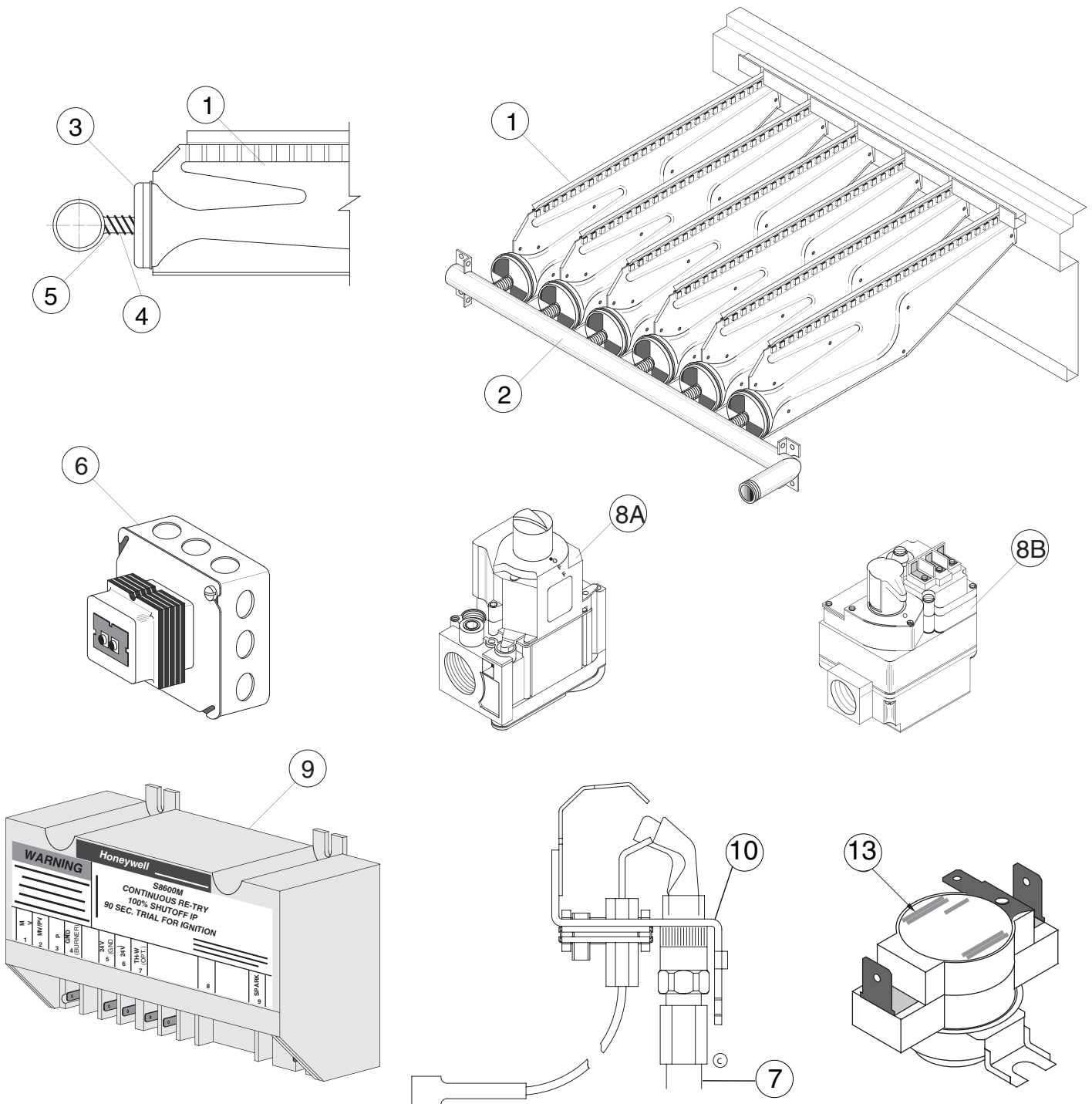
AUTO SPARK PARTS

FIGURE

- | NO. | DESCRIPTION |
|-----|------------------------------|
| 1. | MAIN BURNERS |
| 2. | MANIFOLD |
| 3. | AIR SHUTTERS |
| 4. | BURNER SPRINGS |
| 5. | MAIN BURNER ORIFICE |
| 6. | TRANSFORMER, 115/24V (40 VA) |

FIGURE

- | NO. | DESCRIPTION |
|-----|---|
| 8A. | MAIN GAS VALVE
HONEYWELL VR8204/VR8304 |
| 8B. | MAIN GAS VALVE
WHITE RODGERS 36C68 |
| 9. | HONEYWELL S8600 IGNITOR |
| 10. | HONEYWELL PILOT BURNER |
| 13. | HI-LIMIT |



“QV” Series Electronic Ignition Parts

Item No.	Description	Unit Size	30	45	60	75	100	125	150
		Part Number							
8A	Gas Valve Auto Spark, Natural Gas (H.W.)			J28R02080-001				J28R02080-001	
8B	Gas Valve Auto Spark, Natural Gas (W.R.)			N/A				N/A	
8A	GAS Valve Auto Spark LP Gas (Honeywell)			J28R02080-005				J28R02080-005	
9	S8600M Ignitor for NG & LP Gas (Honeywell)			J28R02722				J28R02722	
N/S	Cable Adaptor (S86 to S8600 Ignitor)			N/A				J28R05077	
N/S	Q53 Pilot Burner w/Electric, Natural Gas*			J38R00478-001				N/A	
N/S	Q53 Pilot Burner w/Electric, LP Gas*			J38R00478-002				N/A	
N/S	Q53 Sensor Probe, Natural & LP Gas*			J38R00480				N/A	
N/S	Q53 Sensor Lead, Natural & LP Gas*			J09R00844				N/A	
10	Honeywell Pilot Burner, Natural Gas**			J38R04578-001				J38R04578-001	
10	Honeywell Pilot Burner, LP Gas**			J38R04578-002				J38R04578-002	
12	Honeywell S8600 Ignitor Cable			J38R02848-001				J38R02848-001	
7	Pilot Tubing Auto Spark**			257R04945-001				257R04945-001	
6	Transformer, 115/24, 40 VA			J14R03076				J14R03076	
N/S	S8600 Series Ignitor Bracket			252R01882				252R01882	

* Use with Johnson control ignitor.

** See page 18 for Separated Combustion.

N/S = Not Shown.

Item No.	Description	Unit Size	175	200	225	250	300	350	400
		Part Number							
8A	Gas Valve Auto Spark, Natural Gas (H.W.)		J28R02080-001				J28R03069-003		
8B	Gas Valve Auto Spark, Natural Gas (W.R.)			N/A				J28R00742	
8A	GAS Valve Auto Spark LP Gas (Honeywell)			J28R02080-005				J28R03069-002	
9	S8600M Ignitor for NG & LP Gas (Honeywell)			J28R02722				J28R02722	
N/S	Cable Adaptor (S86 to S8600 Ignitor)			J28R05077				J28R05077	
N/S	Q53 Pilot Burner w/Electric, Natural Gas*			N/A				N/A	
N/S	Q53 Pilot Burner w/Electric, LP Gas*			N/A				N/A	
N/S	Q53 Sensor Probe, Natural & LP Gas*			N/A				N/A	
N/S	Q53 Sensor Lead, Natural & LP Gas*			N/A				N/A	
10	Honeywell Pilot Burner, Natural Gas**			J38R04578-001				J38R04578-001	
10	Honeywell Pilot Burner, LP Gas**			J38R04578-002				J38R04578-002	
12	Honeywell S8600 Ignitor Cable			J38R02848-001				J38R02848-001	
7	Pilot Tubing Auto Spark**			257R04945-001				257R04945-001	
6	Transformer, 115/24, 40 VA			J14R03076				J14R03076	
N/S	S8600 Series Ignitor Bracket			252R01882				252R01882	

* Use with Johnson control ignitor.

** See page 18 for Separated Combustion.

N/S = Not Shown.

IMPORTANT: When ordering parts, please provide model and serial number.

“QV” Series Conversion Kits

FOR STANDING PILOT UNITS ONLY

Converting From Natural to LP Gas		Converting From LP to Natural Gas	
Unit Size	Part Numbers	Unit Size	Part Numbers
30	261R05024	30	261R05025
45			
60			
75			
100	261R06045	100	261R06047
125			
150			
175			
200			
225			
250	261R06046	250	261R06048
300		261R06049	
350		261R06050	
400			

FOR AUTOMATIC SPARK IGNITION UNITS

Converting From Natural to LP Gas		Converting From LP to Natural Gas	
Unit Size	Part Numbers	Unit Size	Part Numbers
30	261R06376	30	261R05078
45			
60			
75			
100	261R06377*	100	261R04975
125			
150			
175			
200			
225			
250		261R04977	
300			
350			
400			
300	261R06378**	400	261R04978
350			
400			

* For units with Honeywell valve.

** For units with White-Rodgers valve.

“QV” Series Transformers – Thermostats

Description	Part Number
115/24, 20VA Transformer	J14R03075
115/24, 40VA Transformer	J14R03076
208/24, 50VA Transformer	J14R02843-002
230/24, 50VA Transformer	J14R02843-002
460/24, 50VA Transformer	J14R02842-003
208/115, 500 VA Transformer (Step Down)	J14R05241-001
230/115, 500VA Transformer (Step Down)	J14R02832-002
460/115, 500VA Transformer (Step Down)	J14R02832-002
575/115, 500VA Transformer (Step Down)	J14R02832-006
T822K Mercury-Free 24V Thermostat w/Adjustable Heat Anticipator	J13R08431
T87K 1-Stage Mercury-free Thermostat (Includes Subbase). Range 40-90°F	J13R08300

Description	Part Numbers
T834N, Mercury-free Low Voltage Room Thermostat w/Integral Switch for Summer/Winter Operation. Range 50-90°F. (w/Sterling Logo)	ASRG3
TH5220D, 2-Stage Thermostat (Mercury-Free)	J13R08301
T6169C, 115V Line Voltage Thermostat w/Subbase	J13R03362
TG511A-1018 Universal Thermostat Guard	J13R00954
T678A-1353 2-Stage Ductstat 55-175°F	J13R00815-007
T675A-1417 Single Stage Ductstat 55-175°F	J13R00815-002

“QV” Series Optional Parts

Description	Part Number
2-Stage Gas Valve, Spark Ignition Natural Gas 100/200	J28R02454-003
2-Stage Gas Valve, Spark Ignition Natural Gas 225/400	J28R02454-002
2-Stage Gas Valve, Spark Ignition L.P. Gas 100/400	J28R02454-001
2-Stage High Fire Relay	J10R03479
Summer Winter Switch	J11R00544
Adjustable High Limit Switch (Duct Only)	J11R02260
Rockwell 043-182 Pressure Regulator (125 PSI to 7”) Natural Gas	J28R05121
R8225B-1007 Honeywell Relay SPST w/24V Holding Coil to Permit 115V or 230V Draftor to be Operated by 24V Thermostat	J10R00818-003
115 V Draftor Assembly (will not fit Enerpak)*	202R00819-101
208 V Draftor Assembly (will not fit Enerpak)*	202R00819-102
230 V Draftor Assembly (will not fit Enerpak)*	202R00819-103
Draftor Motor Only 115V (will not fit Enerpak)	J52R00900-001
Draftor Motor Only 208V (will not fit Enerpak)	J52R00910-001
Draftor Motor Only 230V (will not fit Enerpak)	J52R00920-001
Draftor Wheel (will not fit Enerpak)	J35R00703-014
Draftor Housing (will not fit Enerpak)	507R00820

Description	Part Numbers
Draftor Adaptor (Transition Assembly) 30/45	510R02245-002
Draftor Adaptor (Transition Assembly) 60/75	510R02245-003
Draftor Adaptor (Transition Assembly) 100	510R02245-004
Draftor Adaptor (Transition Assembly) 125	510R02245-005
Draftor Adaptor (Transition Assembly) 150	510R02245-006
Draftor Adaptor (Transition Assembly) 175	510R02245-007
Draftor Adaptor (Transition Assembly) 200	510R02245-008
Draftor Adaptor (Transition Assembly) 225	510R02245-009
Draftor Adaptor (Transition Assembly) 250	510R02245-010
Draftor Adaptor (Transition Assembly) 300/350	510R02443-012
Draftor Adaptor (Transition Assembly) 400	510R02443-016
Vent Cap 4”	J37R02222-001
Vent Cap 5”	J37R02222-002
Vent Cap 6”	J37R02222-003
Adaptors 4” to 5”	J37R02185
Adaptors 5” to 6”	J37R02186
4 to 2 Point Adaptor Hanger Kit (Propeller 100 to 400 Only)	252R02178
Touch Up Paint, 12 Oz. Spray Can (Dark Gray)	512R01395-001
Touch Up Paint, 1 Gallon (Dark Gray)	512R01395-002

“QV” Series Drafter Kits

Usage	Size	Part Number
115 Volt Drafter Kit*		
QVF, QVB, QVBC, QVD, QVS	30/45	ASRM1-030
	60/75	ASRM1-060
	100	ASRM1-100
	125	ASRM1-125
	150	ASRM1-150
	175	ASRM1-175
	200	ASRM1-200
	225	ASRM1-225
	250	ASRM1-250
	300/350	ASRM1-300
400	ASRM1-400	
208 Volt Drafter Kit*		
QVF, QVB, QVBC, QVD, QVS	30/45	ASRM12-030
	60/75	ASRM12-060
	100	ASRM12-100
	125	ASRM12-125
	150	ASRM12-150
	175	ASRM12-175
	200	ASRM12-200
	225	ASRM12-225
	250	ASRM12-250
	300/350	ASRM12-300
400	ASRM12-400	
230 Volt Drafter Kit*		
QVF, QVB, QVBC, QVD, QVS	30/45	ASRM13-030
	60/75	ASRM13-060
	100	ASRM13-100
	125	ASRM13-125
	150	ASRM13-150
	175	ASRM13-175
	200	ASRM13-200
	225	ASRM13-225
	250	ASRM13-250
	300/350	ASRM13-300
400	ASRM13-400	

LEGEND:

QVF = “QV2” Series Prop
 QVB = “QV2” Series Blower
 QVBC = “QV2” Series Cabinet Blower
 QVD = “QV2” Series Duct (Bottom Access)
 QVS = “QV2” Series Duct (Side Access)

* Kit contains drafter assembly,
 transition assembly and relay.

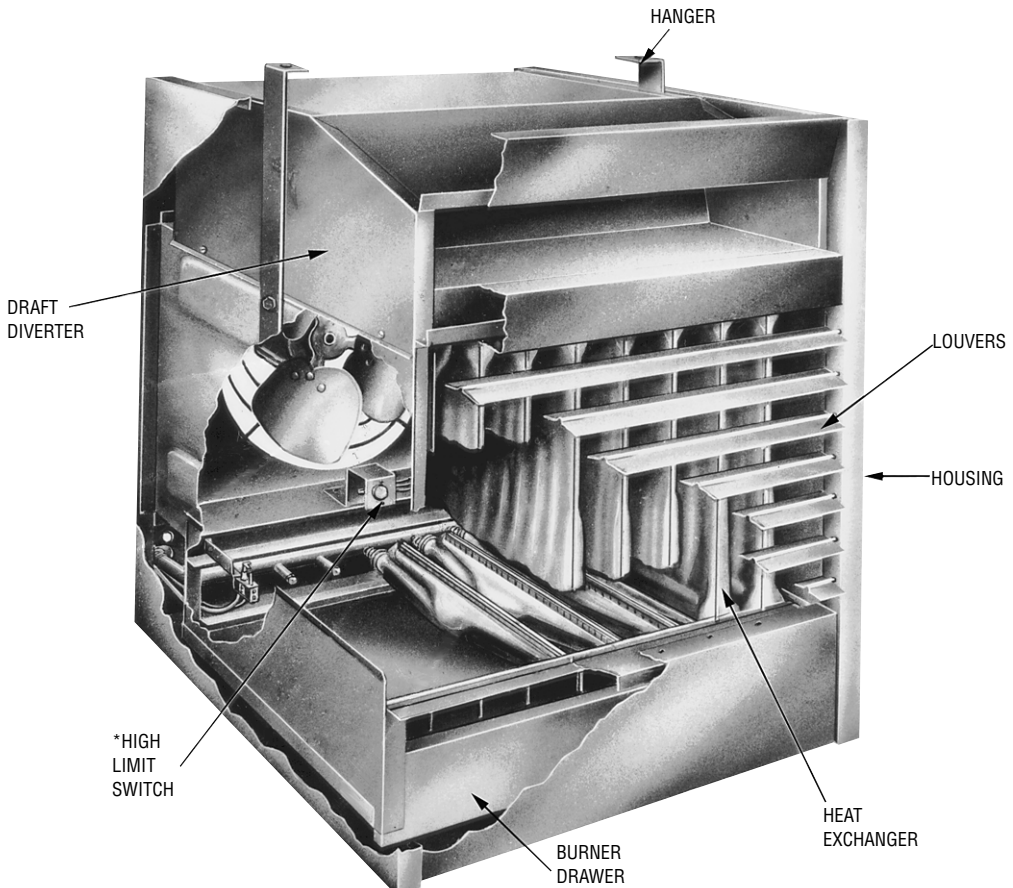
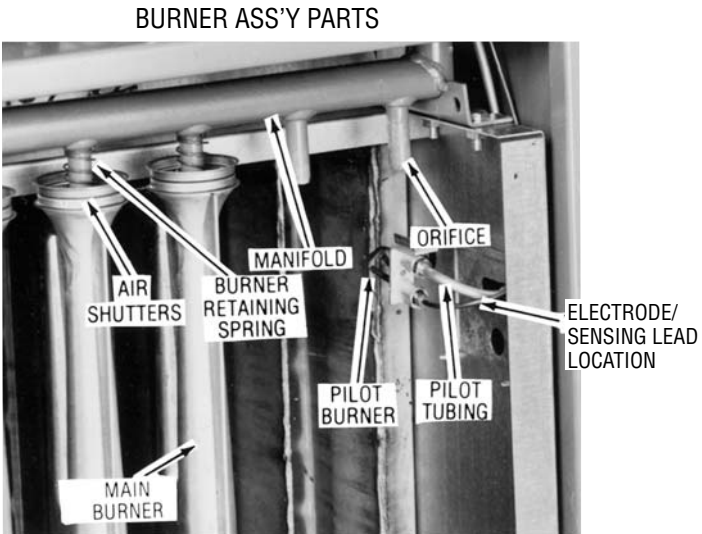
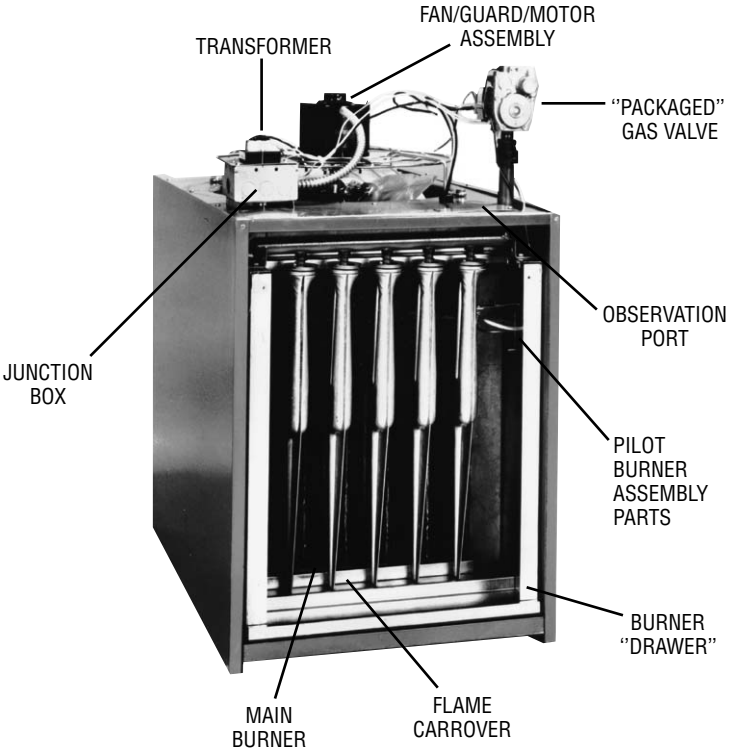
To order individual drafter parts see page 25.

“QV” Series Field Installed Accessories

Usage	Size	Part Number
Y-Splitter Nozzle		
QVF, QVB, QVEF, QVEB, QVBC, QVSF, QVSB	100	ASRQ1-100
	125/150	ASRQ1-125
	175	ASRQ1-175
	200	ASRQ1-200
	225	ASRQ1-225
	250	ASRQ1-250
	300	ASRQ1-300
	350	ASRQ1-350
	400	ASRQ1-400
30 Degree Nozzle		
QVF, QVB, QVEF, QVEB, QVBC, QVSF, QVSB	100	ASRQ2-100
	125/150	ASRQ2-125
	175	ASRQ2-175
	200	ASRQ2-200
	225	ASRQ2-225
	250	ASRQ2-250
	300	ASRQ2-300
	350	ASRQ2-350
	400	ASRQ2-400
60 Degree Nozzle		
QVF, QVB, QVEF, QVEB, QVBC, QVSF, QVSB	100	ASRQ3-100
	125/150	ASRQ3-125
	175	ASRQ3-175
	200	ASRQ3-200
	225	ASRQ3-225
	250	ASRQ3-250
	300	ASRQ3-300
	350	ASRQ3-350
	400	ASRQ3-400
90 Degree Nozzle		
QVF, QVB, QVEF, QVEB, QVBC, QVSF, QVSB	100	ASRQ4-100
	125/150	ASRQ4-125
	175	ASRQ4-175
	200	ASRQ4-200
	225	ASRQ4-225
	250	ASRQ4-250
	300	ASRQ4-300
	350	ASRQ4-350
	400	ASRQ4-400
Polytube Adapter		
QVB, QVBC, QVEB, QVSB	150	ASRQ5-150
	175	ASRQ5-175
	200	ASRQ5-200
	225	ASRQ5-225
	250	ASRQ5-250
	300	ASRQ5-300
	350	ASRQ5-350
	400	ASRQ5-400

Usage	Size	Part Number	
Vertical Louver Set w/ Springs + Brackets			
QVF, QVB, QVEF, QVEB, QVBC, QVSF, QVSB	30	ASRQ6-030	
	45	ASRQ6-045	
	60	ASRQ6-060	
	75	ASRQ6-075	
	100	ASRQ6-004	
	125	ASRQ6-005	
	150	ASRQ6-006	
	175	ASRQ6-007	
	200	ASRQ6-008	
	225	ASRQ6-009	
	250	ASRQ6-010	
	300	ASRQ6-012	
	350	ASRQ6-014	
	400	ASRQ6-016	
	Horizontal and Vertical Louvers		
	QVD, QVS, QVED, QVES, QVSD	100	ASRQ7-004
125		ASRQ7-005	
150		ASRQ7-006	
175		ASRQ7-007	
200		ASRQ7-008	
225		ASRQ7-009	
250		ASRQ7-010	
300		ASRQ7-012	
350		ASRQ7-014	
400		ASRQ7-016	
409 Stainless Steel Drip Pan			
QVD, QVS, QVED, QVES		100	ASRS4-100
	125/150	ASRS4-125	
	175	ASRS4-175	
	200	ASRS4-200	
	225	ASRS4-225	
	250	ASRS4-250	
	300	ASRS4-300	
	350	ASRS4-350	
	400	ASRS 4-400	
Concentric Vent Kits			
QVSF, QVSB, Vertical QVSD Horizontal	All Sizes	ASRM4	
		ASRM5	

Component Identification Guide



Terms

ALL SHIPMENTS ARE F.O.B. FARMVILLE, N.C. 27828
FREIGHT ROUTING SHALL BE AT THE DISCRETION OF THE SHIPPER

PRICES: Published trade prices in effect at time of receipt of order at our office are firm provided the complete order is released for fabrication and shipment within 6 months from date of receipt of written order at the factory. Releases for shipment after 6 months will be billed on the basis of trade prices in effect at time of release.

No obligation is assumed by this Corporation to sell, to anyone holding this book, any of the items listed herein at the prices stated.

TERMS: Net 30 Days.

Prepaid freight or cartage charges paid by us and added to invoice are not subject to cash discount.

TAXES: The prices listed herein exclude Federal, State, or Municipal Tax applicable to the transaction. Such taxes, where applicable to the transaction should be paid directly to the governing authority by the Purchaser.

CLAIMS: As all goods are shipped at buyer's risk they should be examined carefully before signing transportation delivery receipts. If transportation company tenders delivery of goods in bad order, buyer should insist on transportation agent making notation of conditions on delivery receipt and request an inspection within 48 hours, thus enabling buyer to secure prompt payment of transportation claims filed by him for value of damaged material.

The responsibility of this company ceases upon delivery of goods in order to transportation companies. All orders are accepted subject to delays on account of government requirements, strikes, accidents or other causes beyond our control.

RETURNED GOODS: Goods must not be returned except by written permission from the factory, and when so returned will be accepted only as stated in the following conditions:

1. Special material is not subject to return.
2. All transportation charges for returned goods must be prepaid by shipper.
3. Standard catalogued products may be returned upon written permission. After inspection at the factory, if they are found to be in good condition they will be accepted for credit, subject to a 25% handling charge.
4. No goods will be accepted for return more than 90 days after shipment.

CHANGES TO A RELEASED ORDER – Work commences on release of an order, therefore, an order that is changed will be subject to additional charges for any extra time and material expended.

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.


Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.



260 NORTH ELM ST. WESTFIELD, MA 01085
(413) 564-5540 • FAX: (413) 562-5311
www.sterlinghvac.com

 A MESTEK COMPANY

MODEL "TF", "RF" & "SF" GAS-FIRED TUBULAR UNIT HEATERS REPLACEMENT PARTS CATALOG

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IMPORTANT
WHEN ORDERING PARTS, PLEASE
SPECIFY UNIT MODEL NO. AND SERIAL NO.



260 NORTH ELM ST. WESTFIELD, MA 01085
(413) 564-5540 • FAX: (413) 562-5311
www.sterlinghvac.com

IMPORTANT WARRANTY INFORMATION

If you are ordering a replacement part for a unit which you believe to be under warranty, the process is as follows:

- Provide Sterling with a description of the part or assembly needed and the model and serial number of the unit which experienced failure. If there is a question on the warranty, we can answer it at this point.
- We will enter your order and issue you a R.G.A. (Return Goods Authorization), if applicable, with instructions on how and where to send the defective parts.
- Your invoice will indicate “no charge” pending the return of the applicable defective parts. The invoice may list the R.G.A number and state: “a R.G.A has been issued. Re invoicing will occur if no receipt in 30 days.” However, some parts are to be field scrapped, which the invoice will state accordingly. If parts are received by us within the 30 days, and confirmed as “defective in-warranty”, the transaction will be closed.

If we do not receive the parts within 30 days or our inspection reveals a non-warranty condition, then a subsequent invoice will be generated indicating the appropriate cost and we will no longer accept returns on that R.G.A.

In order to insure the orderly processing of your warranty claim it is **MANDATORY** that certain paper work accompany any and all goods returned to Sterling. It is also mandatory that goods be sent to the proper location.

In order to assure proper handling of these goods we insist that under all circumstances we must formally authorize the return of material to our various facilities. Any material returned without authorization will not be accepted.

In order to insure that your properly authorized returns are accepted at our plant, we ask that you clearly mark any and all shipping papers with an R.G.A. number; we will not accept shipments that do not clearly show R.G.A. number on the outside of the box or crate!

**All returns to be shipped Freight Prepaid. Collect Shipments
will not be accepted.**

CONSULT OUR CUSTOMER SERVICE DEPT. FOR ANY REPLACEMENT
PARTS NOT LISTED IN THIS PUBLICATION. LIMITED AVAILABILITY ON
CERTAIN OBSOLETE EQUIPMENT.

TEL. 413-564-5540 FAX# 413-562-5311

CONVERSION KITS “RF/TF/SF” SERIES UNITS WITH DIRECT SPARK IGNITION SYSTEMS

(For units Manufactured January 1, 2006 and After)

CONVERTING FROM NAT. GAS TO LP GAS

CONVERTING FROM LP GAS TO NAT. GAS

MODEL NO.	CONVERSION KIT NO.	MODEL NO.	CONVERSION KIT NO.
RF/TF/SF-30/75	261R08263†	RF/TF/SF-30/75	261R06957
RF/TF-90	261R08264†	RF/TF-90	261R06961
TF-100/400	261R06951	TF-100/400	261R06952

†Universal Kit - converts both hot surface and direct spark ignition systems.
Refer to Installation Manual for high altitude conversions (above 2,000 feet).

CONVERSION KITS “RF/TF/SF” SERIES UNITS WITH HOT SURFACE IGNITION CONTROLS

(For Units Manufactured Prior to January 1, 2006)

CONVERTING FROM NAT. GAS TO LP GAS

CONVERTING FROM LP GAS TO NAT. GAS

MODEL NO.	CONVERSION KIT NO.	MODEL NO.	CONVERSION KIT NO.
RF/TF/SF-30/75	261R08263†	RF/TF/SF-30/75	261R04866
RF/TF-90	261R08264†	RF/TF-90	261R05412
TF-100/400	261R04867	TF-100/400	261R04868
TF-350/400*	261R04869	TF-175/300**	261R04952

*For units manufactured prior to June 13, 2001, equipped with White Rodgers gas valve.

**For units manufactured prior to June 13, 2001, equipped with 1/2" inlet and 3/4" outlet Honeywell smart valve.

†Universal Kit - converts both hot surface and direct spark ignition systems.
Refer to Installation Manual for high altitude conversions (above 2,000 feet).

UNIT SIZE 90 ONLY (“RF” & “TF”) - FAN MOTOR/FAN GUARD/FAN

Unit Size	Fan Motor		Fan Guard		Fan (Propeller)
	Standard (ODP)	Optional (TE)	Standard	OSHA	
<i>For Units Manufactured Prior to November, 2006</i>					
90	J31R04091**	J31R01872**	253R01873-001**	J32R04840**‡	NLA - see below *
90 Only*	Fan Kits with ODP Motor		253R08358-001†	253R08358-002†‡	New Fan Kits***
	Fan Kits with TE Motor		253R08358-003†	253R08358-004†‡	
<i>For Units Manufactured After November, 2006</i>					
90	J31R04092	J31R01694	J32R08278	253R08290‡	J34R06999-102

* Fan (propeller) replacements on units manufactured prior to November 2006 require a new Fan Kit.

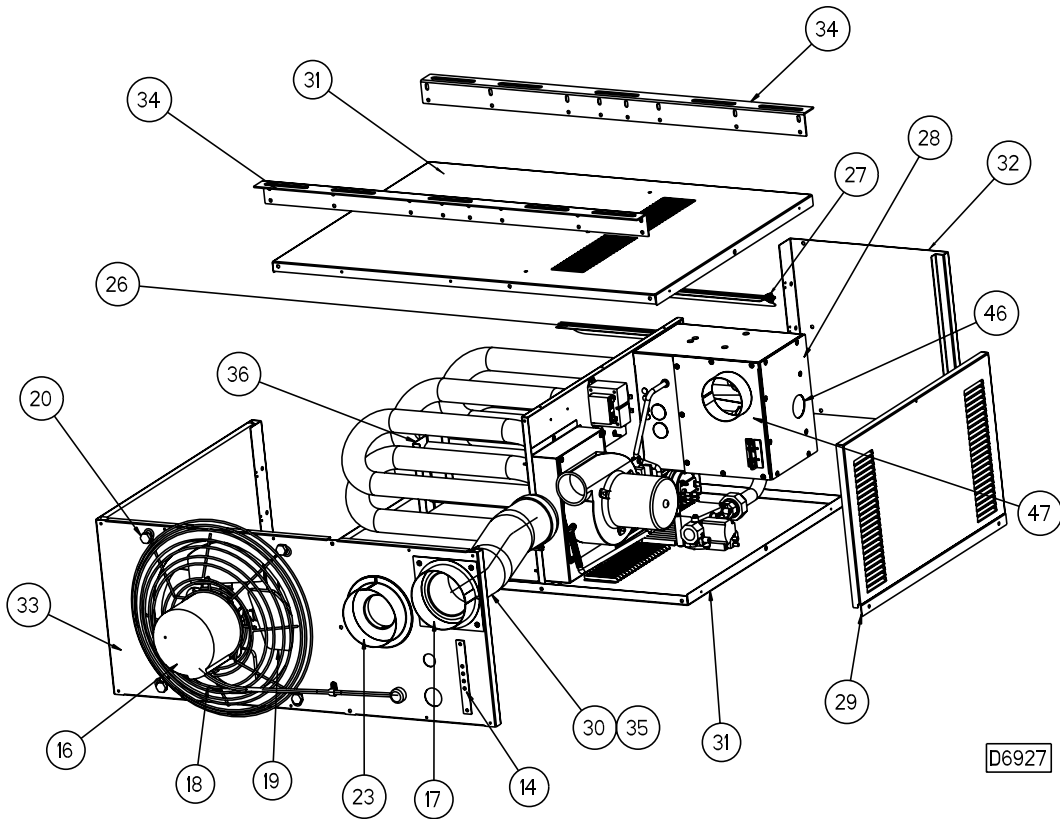
** If fan is also to be replaced, use new fan kit for complete replacement.

*** New Fan Kit contains: larger motor with 1/2" diameter shaft, fan and guard. FLA will increase to 6.7 amp.

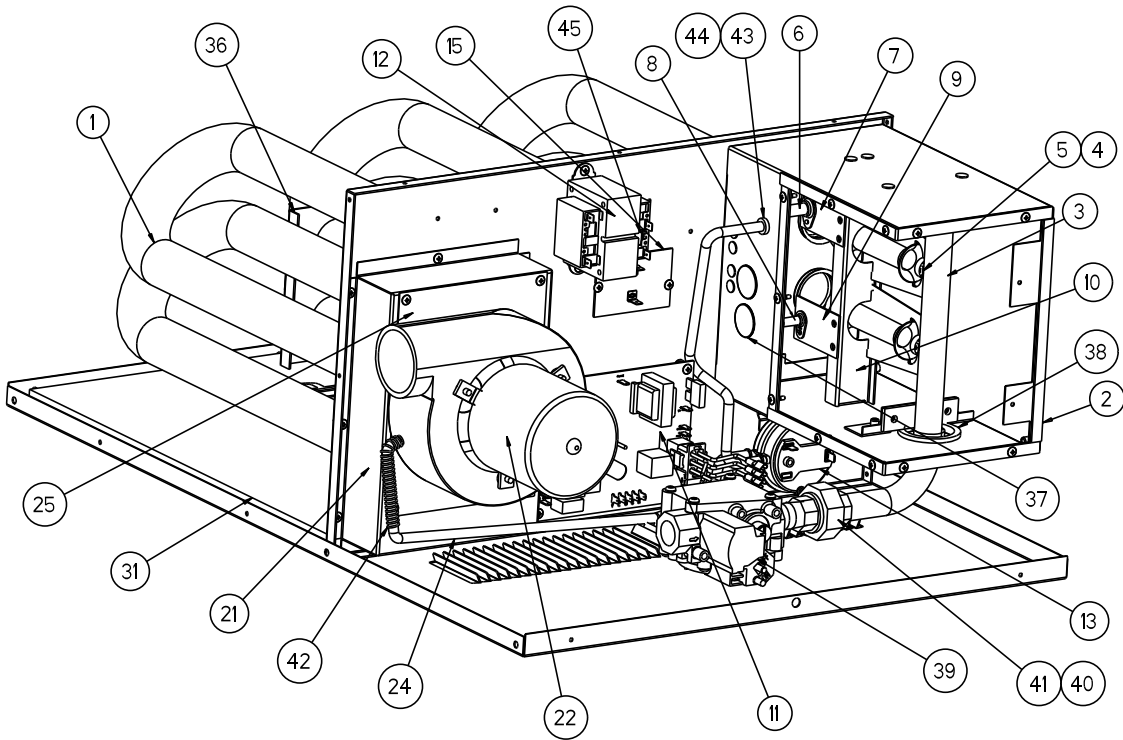
† New kits required to replace old 3/8" bore fan blade with new 1/2" bore fan blade, motor and guard.

‡ OSHA guard required on all RF models; optional on TF models.

MODEL "SF" 30-75 MBH "SEPARATED COMBUSTION" REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION



D6927



D6928

MODEL "SF" 30-75 MBH "SEPARATED COMBUSTION" REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

ITEM NO.	"SF" MODEL SIZE (MBH)		30	45	60	75
	ITEM DESCRIPTION		PART NO.			
	NO. OF TUBES, BURNERS ORIFICES REQ'D PER MODEL		2	3	4	5
1	VESTIBULE PANEL/TUBE ASS'Y (HEAT EXCHANGER)		507R06685-001	507R06686-001	507R06687-001	507R06688-001
2	BURNER BOX SUB-ASS'Y		502R06419		502R06420	
3	MANIFOLD		J37R04684-030	J37R04684-045	J37R04684-060	J37R04684-075
4	INSHOT BURNER		J37R04693			
5	STANDARD ORIFICE	NATURAL GAS (#49)	J36R04694-001			
		PROPANE (LP) GAS (#57)	512R08532-002			
6	SPARK IGNITOR*		J38R06891-001			
7	SPARK IGNITOR BRACKET*		252R06949			
8	FLAME SENSOR*		J38R06890-001			
9	FLAME SENSOR BRACKET*		252R06950			
10	BURNER BRACKET		252R06532	252R06533	252R06534	252R06535
11	CONTROL BOARD*		J28R06881			
12	TRANSFORMER, 50 VA, 115/24V		J14R03245-012			
13	AIR PRESSURE SWITCH – STD ALT (0-4,999 FT)		J11R06778-002			
13	AIR PRESSURE SWITCH – HIGH ALT (5,000 FT+)		J11R06778-002			
14	TERMINAL BLOCK PLATE		J09R04609			
15	HIGH LIMIT SWITCH W/ MOUNTING PLATE		J11R04768			
16	FAN MOTOR (ODP)		J31R04766		J31R04091	
17	INLET AIR COLLAR ASS'Y		257R06621			
18	OSHA FAN GUARD (SIZES 60 & UP, INCL. A MOTOR MTG. PLATE)		J32R04884		J32R04840	
19	STANDARD FAN		J34R06999-001	J34R06999-002	J34R06999-101	
20	FAN / GUARD / MOTOR MOUNT HARDWARE KIT		261R04963-001		261R04963-002	
21	**FLUE COLLECTOR		507R04696-030	507R04697-045	507R04698-060	507R04699-075
22	POWER VENTER (DRAFTER) ASS'Y		J35R04700			
23	FLUE COLLAR ASS'Y		507R04725			
24	VINYL TUBING (PRESSURE SWITCH)		261R04964-001			
25	POWER VENTER MOUNTING PLATE		507R04876			
26	LOUVER (QTY. REQ'D PER MODEL)		257R04587-011 (3)		257R04587-011 (5)	
27	LOUVER SPRINGS (QTY. REQ'D PER MODEL)		J26R01960 (3)		J26R01960 (5)	
28	BURNER BOX FRONT PANEL		251R06609		251R06610	
29	SERVICE PANEL		251R04718		251R04719	
30	HOSE CLAMP (2 PER UNIT)		J40R01745-014			
31	TOP / BOTTOM PANEL W / INSULATION		251R04702			
32	FRONT JACKET PANEL		251R04713		251R04714	
33	REAR / SIDE JACKET PANEL		251R06629		251R06630	
34	HANGER (FRONT AND REAR)		252R04730			
35	INLET AIR HOSE		H07R06627			
36	TUBE SUPPORT BRACKET KIT		261R06577-030	261R06577-045	261R06577-060	261R06577-075
37	METAL HOLE PLUG		J07R06593			
38	LARGE GROMMET		J07R02872-001			
39	DIRECT SPARK GAS VALVE, SINGLE STAGE*	NATURAL GAS	J28R06892-001			
		PROPANE (LP) GAS	J28R06892-002			
40	PIPE UNION		J40R00605-003			
41	PIPE NIPPLE		J40R00601-001			
42	SPRING		J26R06480			
43	PRESSURE TAP FITTING		J40R02876-001			
44	PRESSURE TAP FITTING NUT		J23R01130-017			
45	GREEN GROUND SCREW		J21R01287			
46	BURNER BOX VIEW PORT PANEL		251R06614		251R06615	
47	BURNER BOX INLET AIR PANEL (INCLUDES WIRE SEAL BRACKETS)		251R06616		251R06617	
N/S	IGNITION CABLE – 36 INCHES LONG*		J28R06971-002			
N/S	MOLEX CONNECTOR ASSEMBLY*		J09R06887			
N/S	MANIFOLD MOUNTING ANGLE (2 PER UNIT)		252R06423			
N/S	FLAME SENSOR WIRE – 21 INCHES LONG*		260R08248-001			

Notes:

* See page 13 for units manufactured prior to 1/1/06.

** When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV Sealant.

N/S - Part not shown or numbered.

MODELS "TF" & "RF" 30-90 MBH "LOW PROFILE" REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

Figure 1

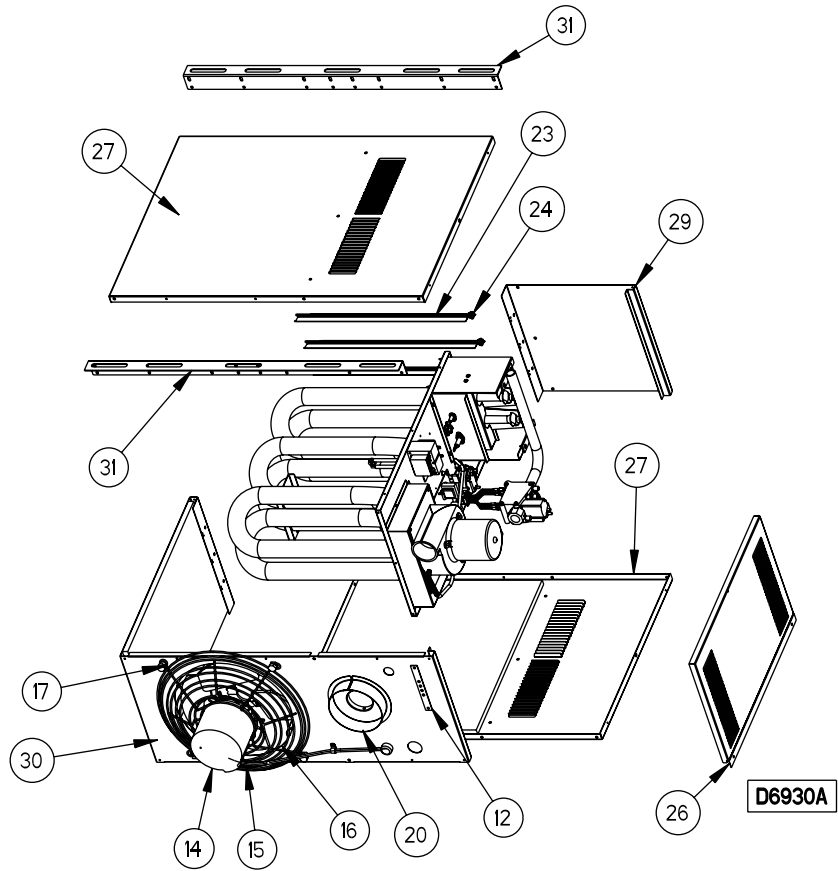
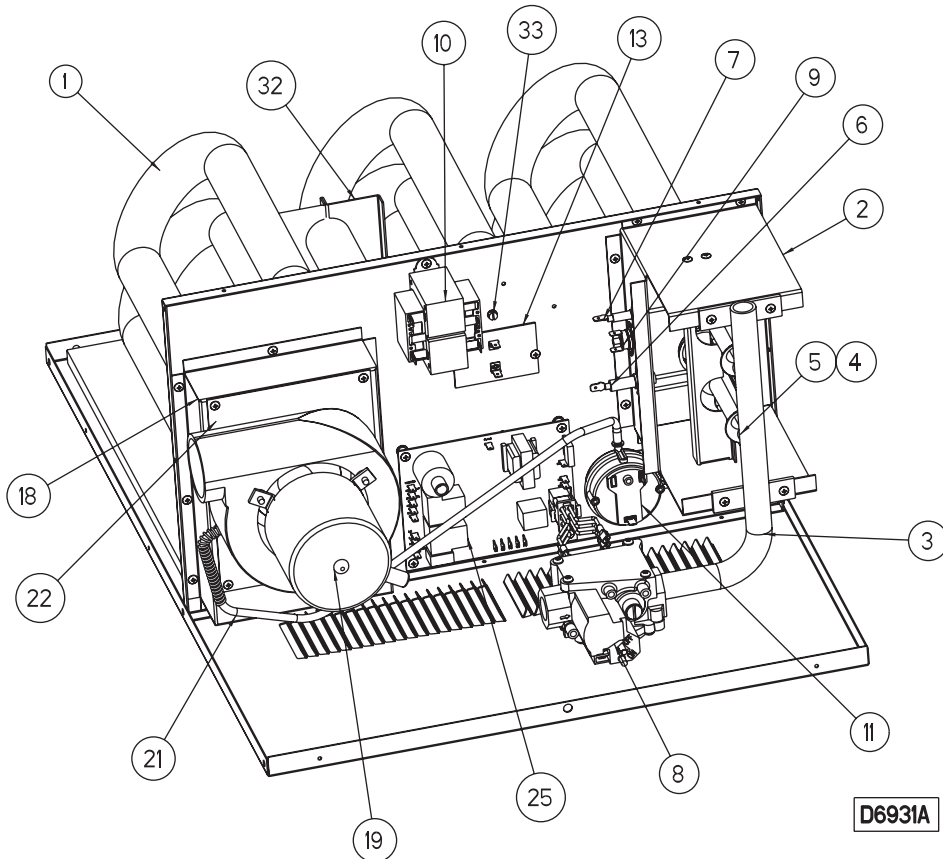


Figure 2



MODELS “TF/RF” 30-90 MBH “LOW PROFILE” REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

ITEM NO.	“TF”/“RF” MODEL SIZE (MBH)		30	45	60	75	90
	ITEM DESCRIPTION		PART NO.				
	NO. OF TUBES, BURNERS ORIFICES REQ'D PER MODEL		2	3	4	5	
1	VESTIBULE PANEL/TUBE ASS'Y (HEAT EXCHANGER)		507R04672	507R04673	507R04674	507R04675	
2	MANIFOLD BRACKET SUB-ASS'Y		261R04961-030	261R04961-045	261R04961-060	261R04961-075	
3	MANIFOLD		J37R04684-030	J37R04684-045	J37R04684-060	J37R04684-075	
4	INSHOT BURNER		J37R04693				
5	STANDARD ORIFICE	NATURAL GAS DRILL SIZE	J36R04694-001 (#49)				J36R04694-006 (#47)
		PROPANE (LP) GAS DRILL SIZE	512R08532-002 (#57)				512R08532-003 (#1.20MM)
6	SPARK IGNITOR*		J38R06891-002				
7	FLAME SENSOR*		J38R06890-002				
8	DIRECT SPARK GAS VALVE, SINGLE STAGE*	NATURAL GAS	J28R06892-001				
		PROPANE (LP) GAS	J28R06892-002				
9	MANUAL ROLLOUT SAFETY SWITCH [RF UNIT TYPE ONLY]		J11R04849				
10	TRANSFORMER, 50 VA, 115/24		J14R03245-012				
11	AIR PRESSURE SWITCH – STD ALT (0-4,999 FT)		J11R06779-001				J11R06779-002
11	AIR PRESSURE SWITCH – HIGH ALT (5,000 FT+)		J11R06780-001				J11R06780-002
12	TERMINAL BLOCK PLATE		J09R04609				
13	HIGH LIMIT SWITCH W/ MOUNTING PLATE		J11R04768				
14	FAN MOTOR (ODP)		J31R04766	J31R04091			See Page 3
15	STANDARD FAN GUARD [TF MODELS]		J32R04723	253R01873-001			See Page 3
15	OSHA FAN GUARD***		J32R04884	J32R04840			See Page 3
16	STANDARD FAN		J34R06999-001	J34R06999-002	J34R06999-101		See Page 3
17	FAN/GUARD/MOTOR MOUNT HARDWARE KIT		261R04963-001		261R04963-002		
18	**FLUE COLLECTOR		507R04696-030	507R04697-045	507R04698-060	507R04699-075	507R04942-090
19	POWER VENTER (DRAFTER) ASS'Y		J35R04700				J35R04581
20	FLUE COLLAR ASSEMBLY		507R04725				507R04946
21	VINYL TUBING (PRESSURE SWITCH)		261R04964-001				
21	SPRING (FOR VINYL TUBING)		J26R06480				
22	POWER VENTER MOUNTING PLATE		507R04876				N/A
23	LOUVER [QTY. REQ'D PER MODEL]		257R04587-011 [3]		257R04587-011 [5]		
24	LOUVER SPRING [QTY. REQ'D PER MODEL]		J26R01960 [3]		J26R01960 [5]		
25	CONTROL BOARD*		J28R06881				
26	SERVICE PANEL		251R04718		251R04719		
27	TOP/BOTTOM PANEL W/ INSULATION		251R04702				
29	FRONT JACKET		251R04713		251R04714		
30	REAR/SIDE JACKET PANEL		251R06467		251R06468-001		251R06468-002
31	HANGER (FRONT AND REAR)		252R04730				
32	TUBE SUPPORT BRACKET KIT		261R06577-030	261R06577-045	261R06577-060	261R06577-075	
33	GREEN GROUND SCREW		J21R01287				
N/S	IGNITION CABLE – 14 INCHES LONG*		J28R06971-001				
N/S	MOLEX CONNECTOR ASSEMBLY*		J11R06887-001				
N/S	BURNER BRACKET		252R04689	252R04690	252R04691	252R04692	
N/S	FLAME SENSOR WIRE – 21 INCHES LONG*		260R08248-001				

Notes:

* See page 13 for units manufactured prior to 1/1/06.

** When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV Sealant.

*** All OSHA guards size 60 & up, include a motor mtg. plate. Required on RF models; optional on TF models.

N/S - Part not shown or numbered.

MODEL "TF" 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION

Figure 6
Vestibule Panel/Tube Assembly
(Heat Exchanger)

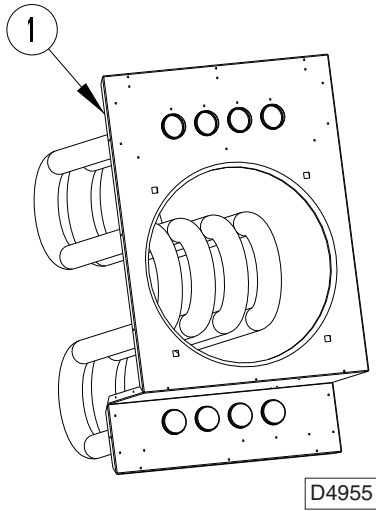


Figure 7
Electrical Control Panel

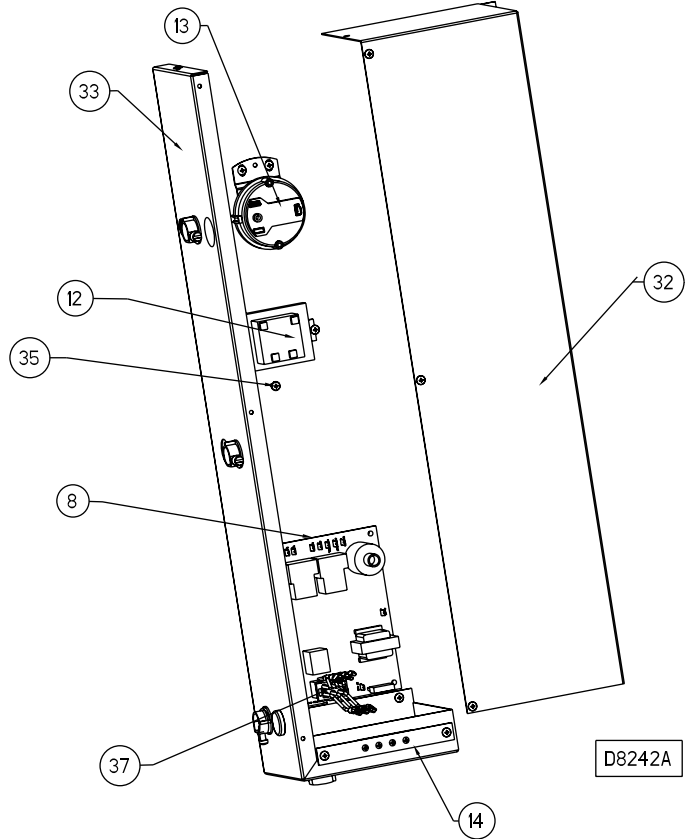
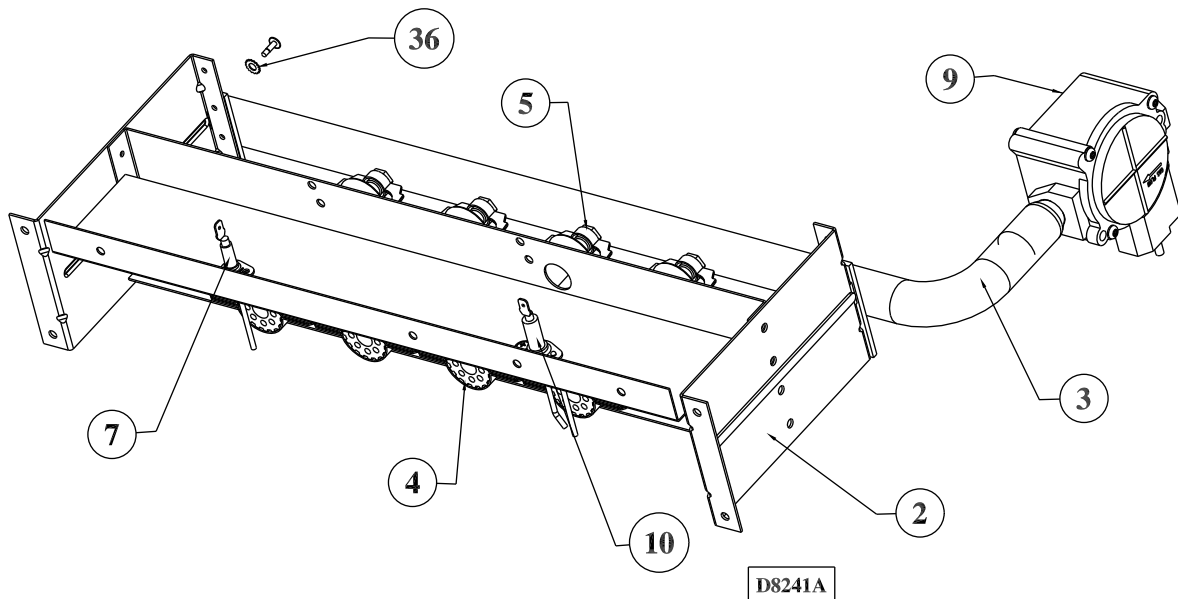


Figure 8
Manifold Burner Assembly



MODEL "TF" 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION AND STANDARD OPEN DRIP-PROOF MOTORS†

ITEM NO.	"TF" MODEL SIZE (MBH)		100	125
	ITEM DESCRIPTION		PART NO.	
	NO. OF TUBES, TURBULATORS, BURNERS, ORIFICES REQ'D PER MODEL		4	5
1	VESTIBULE PANEL/TUBE ASS'Y (HEAT EXCHANGER)	ALUMINUM	507R04567-004	507R04568-004
		409 STAINLESS STEEL	507R04567-104	507R04568-104
2	MANIFOLD BRACKET SUB-ASS'Y		261R04965-004	
3	MANIFOLD		J37R04277	J37R04278
4	INSHOT BURNER		J37R03935	J37R03935
5	STANDARD ORIFICE	NATURAL GAS, (#42)	J36R04694-028	
		PROPANE (LP) GAS, (#53)	512R08532-013	
7	FLAME SENSOR*		J38R06890-003	
8	CONTROL BOARD*		J28R06881	
9	DIRECT SPARK GAS VALVE, SINGLE STAGE*	NATURAL GAS	J28R06892-001	
		PROPANE (LP) GAS	J28R06892-002	
	DIRECT SPARK GAS VALVE, TWO STAGE*	NATURAL GAS	J28R06894-001	
		PROPANE (LP) GAS	J28R06894-002	
10	SPARK IGNITOR*		J38R06891-001	
12	TRANSFORMER, 50 VA, 115/24		J14R03245-012	
13	AIR PRESSURE SWITCH – STD ALT (0-4,999 FT)		J11R06779-001	
13	AIR PRESSURE SWITCH – HIGH ALT (5,000 FT+)		J11R06780-001	
14	TERMINAL BLOCK PLATE		J09R04609	
15	HIGH LIMIT SWITCH [QTY. REQ'D PER MODEL]		J11R00306-002 [1]	
16	HIGH LIMIT BRACKET [QTY. REQ'D PER MODEL]		252R04469 [1]	
17	FAN MOTOR (ODP) [QTY. REQ'D PER MODEL]		J31R04092 [1]	J31R04093-002 [1]
18	STANDARD FAN GUARD [QTY. REQ'D PER MODEL]		253R01873-001 [1]	
	OSHA FAN GUARD [QTY. REQ'D PER MODEL] OSHA GUARD SIZES 60 & UP INCL. A MOTOR MTG. PLATE		J32R04840 [1]	
19‡	STANDARD FAN BLADE [QTY. REQ'D PER MODEL] - FOR UNITS MFD. PRIOR TO 4/30/07		J34R06999-104 [1]	253R08414-001 [1]†
19	STANDARD FAN BLADE [QTY. REQ'D PER MODEL] - FOR UNITS MFD. AFTER 4/30/07		J34R06999-104 [1]	
20	FAN/GUARD/MOTOR MOUNT HARDWARE KIT [QTY. REQ'D PER MODEL]		261R04963-002 [1]	
21	**FLUE COLLECTOR		507R03918-004	507R03918-005
22	***POWER VENTER (DRAFTER) ASS'Y		J35R04700	
23	FLUE COLLAR ASSEMBLY		257R05062	
24	VINYL TUBING (PRESSURE SWITCH)		261R04964-002	
25	TURBULATOR		501R03893	
26	LOUVER [8 REQ'D PER MODEL]		257R04587-008	
27	LOUVER SPRING [8 REQ'D PER MODEL]		J26R01960	
28	RIGHT SIDE JACKET PANEL W/ INSULATION		261R04966	
29	LEFT SIDE JACKET PANEL W/ INSULATION		261R04967	
30	TOP JACKET PANEL W/ INSULATION		261R04968-004	
31	BOTTOM JACKET PANEL W/ INSULATION		261R04969-004	
32	ELECTRICAL CONTROL BOX COVER		257R03888	
33	ELECTRICAL CONTROL BOX BASE (WRAPPER)		257R03889	
34	PEEP HOLE BURNER COVER ASSEMBLY		261R05411-004	
35	GREEN GROUND SCREW		J21R01287	
36	WASHER (4 PER UNIT)		J24R00326-005	
37	MOLEX CONNECTOR ASSEMBLY*		J09R06887	
N/S	IGNITION CABLE – 36 INCHES LONG*		J28R06971-002	

Notes:

* See page 13 for units manufactured prior to 1/1/06.

** When replacing a flue collector, make sure that the flue collector box is sealed completely to the vestibule panel using RTV Sealant.

*** Unit sizes 100, 125, 150 require power vent mounting plate 507R04876.

† For fan blade replacements on units with optional Totally Enclosed (TE) motors, see page 12.

‡ Standard fan blade part numbers beginning with "253" are "kits" and include a standard ODP fan motor and fan blade supplied in (2) boxes.

N/S - Part not shown.

MODEL "TF" 100-400 MBH REPLACEMENT PARTS FOR UNITS WITH DIRECT SPARK IGNITION AND STANDARD OPEN DRIP-PROOF MOTORS†

150	175	200	250	300	350	400	ITEM NO.
PART NO.							
6	7	8	10	12	14	16	
507R04569-004	507R04570-004	507R04571-004	507R04572-004	507R04573-004	507R04574-004	507R04575-004	1
507R04569-104	507R04570-104	507R04571-104	507R04572-104	507R04573-104	507R04574-104	507R04575-104	
261R04965-004	261R04965-007			261R04965-012			2
J37R04278	J37R04279	J37R04279	J37R04280	J37R04281	J37R04282	J37R04283	3
J37R03935	J37R03935	J37R03935	J37R03935	J37R03935	J37R03935	J37R03935	4
J36R04694-028							5
512R08532-013							
J38R06890-003							7
J28R06881							8
J28R06892-001			J28R06893-001				9
J28R06892-002			J28R06893-002				
J28R06894-001			J28R06895-001				
J28R06894-002			J28R06895-002				
J38R06891-001							10
J14R03245-012							12
J11R06779-001	J11R06779-002			J11R06779-001			13
J11R06780-001	J11R06780-002			J11R06780-001			13
J09R04609							14
J11R00306-002 [1]				J11R00306-002 [2]			15
252R04469 [1]				252R04469 [2]			16
J31R04093-002 [1]	J31R04094-002 [1]			J31R04093-002 [2]	J31R04094-002 [2]		17
253R01873-001 [1]	253R01874-001 [1]			253R01873-001 [2]	253R01874-001 [2]		18
J32R04840 [1]	J32R04843 [1]			J32R04840 [2]	J32R04843 [2]		
253R08414-001 [1]†	J34R06999-105 [1]	J34R06999-112 [1]		253R08414-001 [2]†	J34R06999-105 [2]	J34R06999-112 [2]	19†
J34R06999-104 [1]	J34R06999-105 [1]	J34R06999-112 [1]		J34R06999-104 [2]	J34R06999-105 [2]	J34R06999-112 [2]	19
261R04963-002 [1]				261R04963-002 [2]			20
507R03918-006	507R03920-007	507R03920-008	507R03920-010	507R03922-012	507R03922-014	507R03922-016	21
J35R04700	J35R04581			507R04595			22
257R05062	507R04532			507R04600			23
261R04964-002	261R04964-003			261R04964-004			24
501R03893							25
257R04587-008	257R04587-009			257R04587-010			26
J26R01960							27
261R04966							28
261R04967							29
261R04968-004	261R04968-007			261R04968-012			30
261R04969-004	261R04969-007			261R04969-012			31
257R03888							32
257R03889							33
261R05411-004	261R05411-007			261R05411-012			34
J21R01287							35
J24R00326-005							36
J09R06887							37
J28R06971-002			J28R06971-002				N/S

MODEL "TF/RF" REPLACEMENT PARTS

"TF"/"RF" FIELD INSTALLED OPTIONS AND THERMOSTATS	
DESCRIPTION	PART NO.
PRESSURE REGULATOR (125 PSI TO 7") NATURAL GAS	J28R05121
T87K 1-STAGE MERCURY-FREE THERMOSTAT (INCLUDES SUBBASE)	J13R08300
T834N 1-STAGE W/FAN SWITCH (STERLING LOGO) MERCURY-FREE THERMOSTAT	ASRG3
TH5220D 2-STAGE MERCURY-FREE THERMOSTAT (INCLUDES SUBBASE)	J13R08301
T6169C 1-STAGE LINE VOLTAGE (115V) THERMOSTAT W/SUBBASE	J13R03362
T822D 1-STAGE THERMOSTAT	J13R00811
TG511A UNIVERSAL THERMOSTAT GUARD	J13R00954
24V SPST RELAY	J10R00818-003
VENT CAP 4"	J37R02222-001
VENT CAP 5"	J37R02222-002
VENT CAP 6"	J37R02222-003
30 DEGREE NOZZLE KIT (100-150)	ASRX2-001
30 DEGREE NOZZLE KIT (175-250)	ASRX2-002
30 DEGREE NOZZLE KIT (300-400)	ASRX2-003
60 DEGREE NOZZLE KIT (100-150)	ASRX3-001
60 DEGREE NOZZLE KIT (175-250)	ASRX3-002
60 DEGREE NOZZLE KIT (300-400)	ASRX3-003
90 DEGREE NOZZLE KIT (100-150)	ASRX4-001
90 DEGREE NOZZLE KIT (175-250)	ASRX4-002
90 DEGREE NOZZLE KIT (300-400)	ASRX4-003
VERTICAL LOUVER KIT (TF100-150)	ASRX5-004
VERTICAL LOUVER KIT (TF175-250)	ASRX5-007
VERTICAL LOUVER KIT (TF300-400)	ASRX5-012
HIGH ALTITUDE* PRESSURE SWITCH (30, 45, 60, 75, 100, 125, 150, 300, 350, 400)	J11R06780-001
HIGH ALTITUDE* PRESSURE SWITCH (90, 175, 200, 250)	J11R06780-002
CONCENTRIC VENT KIT (SF UNITS ONLY)	ASRX6
TOTALLY ENCLOSED MOTOR (UNIT SIZES 60, 75 AND ON SIZE 90 UNITS MFD. PRIOR TO 11/06)	J31R01872
TOTALLY ENCLOSED MOTOR (UNIT SIZE 100)	J31R03086
TOTALLY ENCLOSED MOTOR (UNIT SIZES 125-400 AND ON UNIT SIZE 90 MFD. AFTER 11/06)	J31R01694
**TOTALLY ENCLOSED MOTOR/FAN KIT - TF125, 150, 300 [2] - FOR UNITS MFD. PRIOR TO 3/2/07	253R08414-002
**TOTALLY ENCLOSED MOTOR/FAN KIT - TF175, 350 [2] - FOR UNITS MFD. PRIOR TO 3/2/07	253R08415-002
**TOTALLY ENCLOSED MOTOR/FAN KIT - TF200, 250, 400 [2] - FOR UNITS MFD. PRIOR TO 3/2/07	253R08416-002

*For units operating at elevations of 5,000-11,999 ft.

** Fan blade replacement kit and includes a (TE) motor, supplied in (2) boxes.

For units manufactured **AFTER** 3/2/07, use fan blade part numbers from pages 10 and 11 (Item No "19").

MODELS WITH HOT SURFACE IGNITION

For Units Manufactured Prior to January 1, 2006

MODEL "SF" 30-75 MBH – SEPARATED COMBUSTION

ITEM DESCRIPTION		SIZE/RANGE	PART NO.
PILOT BURNER ASSEMBLY	NATURAL GAS	30-75	J38R03421-001
	PROPANE (LP) GAS	30-75	J38R03421-002
PILOT MOUNTING BRACKET		30-75	252R06603
PILOT TUBING		30 & 60	257R06605
		45 & 75	257R06604
HONEYWELL SV9540 GAS VALVE, SINGLE STAGE	NATURAL GAS	30-75	J28R04979-001
	PROPANE (LP) GAS	30-75	J28R04979-002
FAN TIME DELAY SWITCH		30-75	J11R00366
DRAFTOR RELAY*		30-75	J10R03410
SMALL GROMMET		30-75	J07R02872-004
WIRE HARNESS FOR SV9540 VALVE		30-75	260R05001

*A draftor relay is not required when unit is equipped with a Honeywell SV9540 Gas Valve (the relay function is built into the control).

MODELS "TF/RF" 30-90 MBH – LOW PROFILE

ITEM DESCRIPTION		SIZE/RANGE	PART NO.
PILOT BURNER ASSEMBLY	NATURAL GAS	30-90	J38R03421-001
	PROPANE (LP) GAS	30-90	J38R03421-002
PILOT MOUNTING BRACKET		30-90	252R04737
PILOT TUBING		30 & 60	261R04962-001
		45, 75, 90	261R04962-002
HONEYWELL SV9500M† GAS VALVE, SINGLE STAGE	NATURAL GAS	30-90	J28R05042-001
	PROPANE (LP) GAS	30-90	J28R05042-002
HONEYWELL SV9540M GAS VALVE, SINGLE STAGE	NATURAL GAS	30-90	J28R04979-001
	PROPANE (LP) GAS	30-90	J28R04979-002
FAN TIME DELAY SWITCH		30-90	J11R00366
DRAFTOR RELAY*		30-90	J10R03410
WIRE HARNESS FOR SV9540 VALVE (RF UNITS)		30-90	260R05001
WIRE HARNESS FOR SV9540 VALVE (TF UNITS)		30-90	260R05052
WIRE HARNESS FOR SV9500 VALVE "CONTROL" (TF UNITS)		30-90	260R04794-001

*A draftor relay is not required when unit is equipped with a Honeywell SV9540 or SV9640 Gas Valve (the relay function is built into the control).

†Replacement Valve is a Honeywell SV9501 Series.

MODEL "TF" 100-400 MBH

ITEM DESCRIPTION		SIZE/RANGE	PART NO.
PILOT BURNER ASSEMBLY "C2"	NATURAL GAS	100-400	J38R03421-001
	PROPANE (LP) GAS	100-400	J38R03421-002
	NATURAL GAS (WHITE-RODGERS VALVE)*	350, 400	J38R04578-001
PILOT MOUNTING BRACKET		100-400	252R03892
PILOT TUBING	LENGTH = 24"	100-250	261R04962-003
	LENGTH = 28"	300-400	261R04962-004
HONEYWELL SV(9500/9600) GAS VALVE, SINGLE STAGE	NATURAL GAS	100-150	J28R05042-001
		175-300	J28R05043-003**
	PROPANE (LP) GAS	100-150	J28R05042-002***
		175-300	J28R05043-002**
		350, 400	J28R05043-004
HONEYWELL SV(9540/9640) GAS VALVE, SINGLE STAGE	NATURAL GAS	100-150	J28R04979-001
		175-400	J28R04980-003
	PROPANE (LP) GAS	100-150	J28R04979-002
		175-300	J28R04980-002
		175-400	J28R04980-004
WHITE-RODGERS GAS VALVE, SINGLE STAGE*	NATURAL GAS	350, 400	J28R00742
IGNITOR, NATURAL GAS		350, 400	J28R02722
FAN TIME DELAY SWITCH		100-400	J11R00366
DRAFTOR RELAY†		100-400	J10R03410
WIRE HARNESS FOR SV9540 OR SV9640 VALVE "C1"		100-400	260R05002
WIRE HARNESS FOR SV9540 OR SV9640 VALVE "C3"		100-400	260R05361
WIRE HARNESS FOR SV9500 OR SV9600 VALVE "CONTROL"		100-300	260R04629-001

*For units manufactured prior to June 13, 2001 (sizes 350 and 400 only).

**Replacement Valve is SV9601 Series.

***Replacement Valve is SV9501 Series.

†A draftor relay is not required when unit is equipped with a Honeywell SV9540 or SV9640 Gas Valve (the relay function is built into the control).

TERMS

ALL SHIPMENTS ARE F.O.B. FARMVILLE, N.C.
FREIGHT ROUTING SHALL BE AT THE DISCRETION OF THE SHIPPER

PRICES: Published trade prices in effect at time of receipt of order at our office are firm provided the complete order is released for fabrication and shipment within 6 months from date of receipt of written order at the factory. Releases for shipment after 6 months will be billed on the basis of trade prices in effect at time of release.

No obligation is assumed by this Corporation to sell, to anyone holding this book, any of the items listed herein at the prices stated.

TERMS: Net 30 Days.

Prepaid freight or cartage charges paid by us and added to invoice are not subject to cash discount.

TAXES: The prices listed herein exclude Federal, State, or Municipal Tax applicable to the transaction. Such taxes, where applicable to the transaction should be paid directly to the governing authority by the Purchaser.

CLAIMS: As all goods are shipped at buyer's risk they should be examined carefully before signing transportation delivery receipts. If transportation company tenders delivery of goods in bad order, buyer should insist on transportation agent making notation of conditions on delivery receipt and request an inspection within 48 hours, thus enabling buyer to secure prompt payment of transportation claims filed by him for value of damaged material.

The responsibility of this company ceases upon delivery of goods in order to transportation companies. All orders are accepted subject to delays on account of government requirements, strikes, accidents or other causes beyond our control.

RETURNED GOODS: Goods must not be returned except by written permission from the factory, and when so returned will be accepted only as stated in the following conditions:

1. Special material is not subject to return.
2. All transportation charges for returned goods must be prepaid by shipper.
3. Standard catalogued products may be returned upon written permission. After inspection at the factory, if they are found to be in good condition they will be accepted for credit, subject to a 25% handling charge.
4. No goods will be accepted for return more than 90 days after shipment.

CHANGES TO A RELEASED ORDER – Work commences on release of an order, therefore, an order that is changed will be subject to additional charges for any extra time and material expended.

LIMITED WARRANTY

The product described in this catalog are warranted by Sterling, A Mestek Co. to be free from defects in material and workmanship for a period of one (1) year from the date of shipment from Sterling's plant.

Sterling will repair or replace, at its option, any components which, upon inspection, it finds to be defective, provided that the unit has been operated within its listed capacity, has been installed in accordance with the furnished instructions, has not been misused or subject to negligence and has received reasonable and necessary maintenance. This warranty does not cover labor costs or other cost incurred in repairing, removing, installing, servicing or handling of parts or complete products.


Sterling will in no event be liable for incidental or consequential damages of any kind whatsoever.

The buyer must request written permission from Sterling to return defective components and then must send them with all transportation charges prepaid to the plant designated in the written permission.

This warranty is extended only to the original purchaser from Sterling.



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