

Table of Contents

PRODUCT GROUP	PAGE #
All Models	
Tools	A-77
Clamps	A-77
RAA/RAB/RCC/RCU/RDU/RDX	
Mounting Hardware	A-77
Accessories	A-77
Powerstar 192/19X	
Gauges/Probes	A-78
Tools/Kits	A-78
Wall Box Rough-ins	A-79
Mounting Brackets	A-79
Competitive Mounting Kits	A-80
Tubing/Tubing Loops	A-81
Restrictors	A-81
Mounting Adapters	A-82
Covers/Finish Plates	A-83
Electrical Finish Plates	A-84
Thermometer Kits	A-85
Replacement Parts	A-86
Service Kits	A-86
832D/DN	
Tools/Kits	A-87
Wall Box Rough-ins	A-87
Covers/Finish Plates	A-87
Replacement Parts	A-88
Service Kits	A-88

(Continued on next page)

Table of Contents *(Continued)*

PRODUCT GROUP	PAGE #
---------------	--------

186

Wall Box Rough-ins	A-89
Brackets/Clips	A-89
Tubing/Tubing Loops	A-89
Service Kits	A-90

184/188

Restricters	A-90
Mounting Kits	A-90
Service Kits	A-90

141

Brackets/Clips	A-91
Service Kits	A-91
Wells	A-91

134

Brackets/Clips	A-91
Covers/Finish Plates	A-91







356/357

Tools	A-92
Brackets/Clips	A-92
Mounting Kits	A-92
Wells	A-93
Service Kits	A-93
Enclosure	A-93

A-76

Thermostats

Accessories & Service Kits






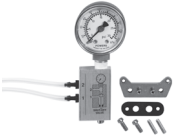

		Description	Product Group	Quantity	Part No.
All Models		Calibration Gauge. <ul style="list-style-type: none"> • 0 to 30 psi (0 to 207 kPa) • Dual scale in psi/kPa • 1% accuracy (ANSI grade 1A) • 2-1/2" (64 mm) dial face • 1/8" NPT bottom connection 	All models	1	142-0455
		Calibration Thermometer. 40 to 140°F (4 to 60°C), 1% accuracy with pocket case and clip.	All models	1	141-0573
		Pneumatic Spring Clamp.	All models	1	531-833
RAA-RDX		Mounting Plate.	All models	1	ARG70
		Changeover/Remote Sensor.	RCC, RCU, RDU, and RDX	1	QAH11.1
		Lockable Thermostat Guard	All models	1	141-570

A-77

Thermostats

Accessories & Service Kits

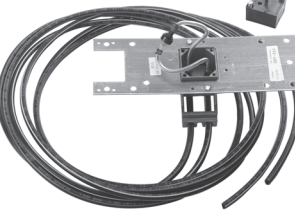
Powerstar 192/19X

	Description	Product Group	Quantity	Part No.
	Pressure Gauge. 1-1/2" diameter 0 to 200 kPa back connected 1/8" NPT male.	19X	1	142-0344
	Pressure Gauge. Dual English/Metric scale 0 to 30 psig (0 to 200 kPa) compound gauge back connected 1/8" NPT male.	19X	1	142-0373
	Pressure Gauge. 0 to 30 psig compound gauge, bottom connected 1/8" NPT male. Replacement or for use with 192-633.	19X	1	142-0426
	Needle Probe. 1-1/2" (38 mm) diameter gauge 0 to 30 psig/ 0 to 200 kPa and calibration cover wrench.	19X	1	192-633
	Needle Probe. (no gauge)	19X	Package of 5	192-759
	Pneumatic Thermostat Calibration Kit. Contains thermometer, gauge squeeze bulb, and fittings for testing room and duct thermostats, pneumatic valve and damper actuators. Includes convenient carrying case. Includes 832-178.	19X	1	832-177
	Calibration Tools. Special tools for calibrating 180, 182, 192 and 832 thermostats. Packed in polyethylene box that fits into carrying case of kit, 832-177.	192	1	832-178
	Test Head Kit. Used for testing 1-pipe transmitters, thermostat air lines for leakage. Packed in polyethylene box that fits into carrying case of kit, 832-177.	192	1	832-179
	Calibration and Cover Screw Wrench with pocket clip.	19X	Package of 5	192-632

A-78

Thermostats

Accessories & Service Kits

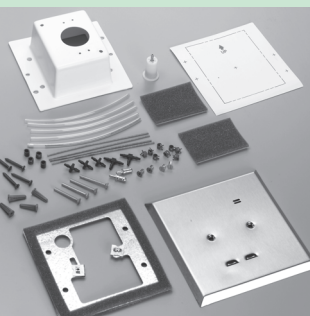
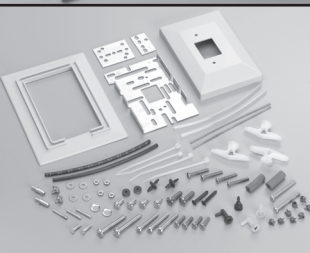
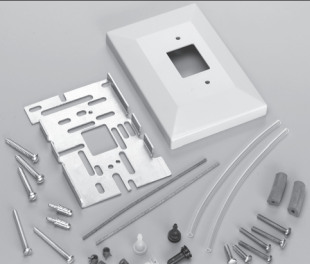
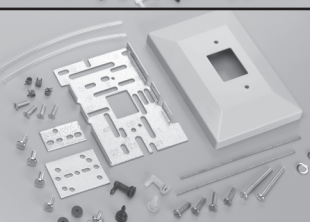

Powerstar 192/19X		Description	Product Group	Quantity	Part No.
		<p>Aspirator Box. Required for wall box installation in concrete walls.</p> <ul style="list-style-type: none"> • 1- or 2-pipe • 3-pipe 	19X	1	
	<p>Wall Box Rough-In. For 2-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long, belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance.</p>	19X	1	192-478	
	<p>3-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long, belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance.</p>	19X	1	192-498	
	<p>Wall Box Rough-In. For 1- or 2-pipe dual 1/4" (6 mm) OD polyethylene with plaster plate. 10' (2 m) long. With thermostat chassis plug-in adapters for easy maintenance.</p>	19X	1	192-480	
	<p>3-pipe dual 1/4" (6 mm) OD polyethylene with plaster plate. 8' (2.4 m) long. With thermostat chassis plug-in adapters for easy maintenance.</p>	19X	1	192-499	
	<p>Stud Mounting Bracket. 6' (2 m) L. Cut to required length.</p>	192	1	141-098	
	<p>Stud Mounting Bracket and Dual Copper Tubing, belled to 3/16" (5 mm) OD with plug-in adapters for easy maintenance.</p>	19X	1	192-482	
	<p>Metal/Wood Stud Bracket. Drywall rough-in.</p>	19X	Package of 5	182-683	

A-79

Thermostats

Accessories & Service Kits



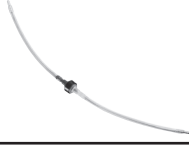





Powerstar 192/19X

	Description	Product Group	Quantity	Part No.
	<p>Aspirator Rough-In and Finish Plate Kit. Installed on new or existing walls to conceal controlling instrument.</p>	192	1	192-070
	<p>Universal Kit. Retrofit thermostats including Honeywell, Johnson Controls, and others. Desert Beige (standard). For White, add W to part number.</p>	19X	1	192-300
	<p>Honeywell Kit. Fits Honeywell and others. Desert Beige (standard). For White, add W to part number.</p>	19X	1	192-483
	<p>Johnson Kit. Retrofit to 19X thermostat. Fits Johnson Controls and others. Desert Beige (standard). For White, add W to part number.</p>	19X	1	192-484
	<p>Aspirator Conversion Kit. For 2-pipe thermostat chassis only. Converts existing 18XAP installed aspirator wall box for use with chassis. Kit includes plate, gasket, hardware, and instruction sheet. Order 19X chassis separately.</p>	18XAP to 19X	1	192-648

A-80

Thermostats

Accessories & Service Kits

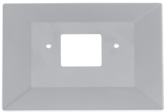


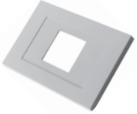
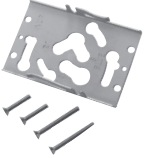
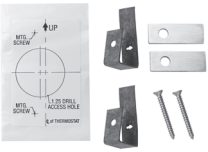
Powerstar 192/19X			Description	Product Group	Quantity	Part No.
				3-pipe Copper Tubing. For concrete mason block or hollow walls (stud).	19X	1
			1- or 2-pipe; split for 3-pipe. Dual 1/4" (6 mm) OD polyethylene with plug-in adapters. 10' (2 m) long.	19X	1	192-600
			1- or 2-pipe. Dual 1/4" (6 mm) OD polyethylene with plug-in adapters. 40' (12 m) long.	19X	1	192-755
			1- or 2-pipe. Dual 5/32" (4 mm) OD polyethylene with plug-in adapters. 40' (12 m) long.	19X	1	192-750
			Preassembled Plastic Tubing Loop. 8" (203 mm) long, with anti-kink spring, plug-in thermostat adapter. Mates to 1/4" (6.4 mm) OD polyethylene tube barbed fitting.	19X	Package of 10	192-481
			Preassembled Plastic Tubing Loop. 8" (203 mm) long, with anti-kink spring, thermostat plug-in adapter. Mates to 5/32" (4 mm) OD polyethylene tubing.	19X	Package of 10	192-505
			Preassembled Plastic Tubing Loop. 8" (203 mm) long, with anti-kink spring. Cut and attach directly to thermostat chassis. Attach compression rings to prevent air leakage. Mates to 1/4" (6 mm) OD polyethylene tubing.	19X	Package of 10	180-896
			20 scim (5 ml/sec) Restrictors. For 1-pipe systems. 1/4" (6 mm) OD polyethylene barb unless noted. Brass coupling, 1/8" NPT.	192 (1-pipe)	1	184-040
			20 scim (5 ml/s) In-line Restrictors.	192	Package of 5	184-116
			20 scim (5 ml/s) Restrictor Tee.	192	Package of 5	184-113
			External Restrictor Installation Kit. For dual 1-pipe systems. Supply, thermostat and two-controlled devices.	19X	1	184-130

A-81

Thermostats

Accessories & Service Kits




Powerstar 192/19X

	Description	Product Group	Quantity	Part No.
	Adapter Base. 3.38" W x 5.69" H (86 mm W x 18 mm H). • Desert Beige (standard)	19X	1	192-307
	• White		1	192-307W
	Adapter Frame. 4.38" W x 5.31" H x 0.09" D (111 mm W x 151 mm H x 2 mm D). • Desert Beige (standard)	19X	1	192-308
	• White		1	192-308W
	Multi-Slotted Plate. Use with adapter bases. Not for use with thin profile adapter base.	19X	1	192-301
	Thin Profile Adapter Base. Measures 3.38" x 4.97" H (86 mm x 126 mm). • Desert Beige (standard)	19X	Package of 5	192-507
	• White		Package of 5	192-507H
	Extra Wall Plate and Mounting Screws. Order only if required for repair or advance mounting prior to factory delivery of chassis (chassis P/N includes wall plate and screws).	19X	1	192-644
	Mounting Clips, Spacer and Template for finished drywall.	19X	Package of 10	182-685

A-82

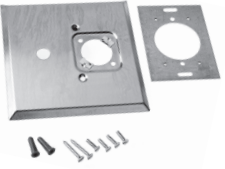
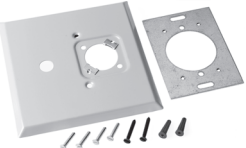
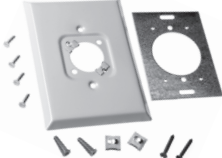
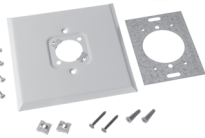
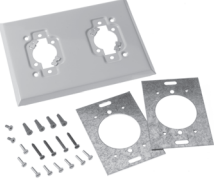
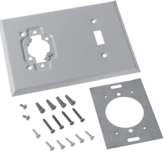
Thermostats

Accessories & Service Kits

Powerstar 192/19X		Description	Product Group	Quantity	Part No.
		<p>Terminal Wall Box Cover Kit. Covers abandoned thermostat locations with blank plate. Dimensions 3.13" x 3.25" (54 mm x 84 mm).</p> <ul style="list-style-type: none"> • Desert Beige (standard) 	19X	1	192-320
		<p>Retrostat Plastic Thermostat Cover Kit. With dial plates that expose or conceal the set point indicator and/or thermometer. Thumb wheel covers to conceal setpoint adjustment. Snap-out tab for Day/Night lever.</p> <ul style="list-style-type: none"> • Desert Beige (standard) • White 	19X 19X	1 1	192-868 192-868W
	<p>Gym Guards.</p> <ul style="list-style-type: none"> • Desert Beige 	19X DN or DNV	1	182-624	

Accessories & Service Kits

Powerstar 192/19X

	Description	Product Group	Quantity	Part No.
	Finish Plate. Mounts on 4" x 4" (102 mm x 102 mm) electrical box. Pneumatic thermostat mounts to finish plate. 1/2" (13 mm) diameter hole provided for electrical switch. Stainless steel finish.	19X	1	192-729
	Finish Plate. Mounts on 4" x 4" electrical box. Pneumatic thermostat mounts to finish plate. 1/2" (13 mm) diameter hole provided for electrical switch. Plastic finish in Desert Beige.	19X	1	192-730
	Finish Plate. 1 gang ¹ , 1 room thermostat. ⁴ <ul style="list-style-type: none"> • Brushed Finish • Desert Beige 	19X	1	192-860
			1	192-861
	Finish Plate. 2 gang ² , 1 room thermostat. ⁴ <ul style="list-style-type: none"> • Brushed Finish • Desert Beige 	19X	1	192-731
			1	192-732
	Finish Plate. 3 gang ³ , 1 room thermostat ⁴ or 3 gang ³ , pneumatic switches ⁴ or 3 gang ³ , 1 room thermostat, 1 pneumatic switch ⁴ . <ul style="list-style-type: none"> • Brushed Finish • Desert Beige 	19X	1	192-733
			1	192-734
	Finish Plate. 3 gang ³ , 1 pneumatic switch and 1 electric light switch ⁴ or 3 gang ³ , 1 room thermostat, 1 electric light switch ⁴ . <ul style="list-style-type: none"> • Brushed Finish • Desert Beige 	19X	1	192-735
			1	192-736

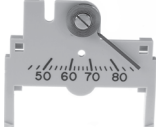
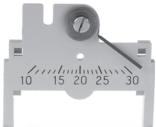
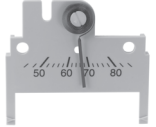



Ordering Notes

- 1 gang: 3.75" (95 mm) W x 5" (127 mm) H.
- 2 gang: 5" (127 mm) W x 5" (127 mm) H.
- 3 gang: 7" (178 mm) W x 5" (127 mm) H.
- For use with pneumatic or automation room sensors and pneumatic or commercial light switches; comes in brushed, stainless steel finish.

A-84

Thermostats

Accessories & Service Kits






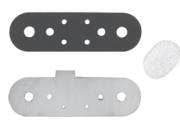
Powerstar 192/19X		Description	Product Group	Quantity	Part No.	
Model 1 and 2		Thermostat Thermometer Kits. <ul style="list-style-type: none"> Scale Range: 45 to 85°F Use with Model 1 and 2 	19X	Package of 5	192-775	
		<ul style="list-style-type: none"> Scale Range: 10 to 30°C Use with Model 1 and 2 	19X	Package of 5	192-776	
Model 3 and greater		Thermostat Thermometer Kits. <ul style="list-style-type: none"> Scale Range: 45 to 85°F Use with Model 3 and greater 	19X	Package of 5	192-786	
		<ul style="list-style-type: none"> Scale Range: 10 to 30°C Use with Model 3 and greater 	19X	Package of 5	192-785	
 	Right Side	Setpoint Dials.				
		• Fahrenheit of D.A.	19X	Package of 10	192-779	
		• Fahrenheit of R.A.	19X	Package of 10	192-780	
		• Celsius of D.A.	19X	Package of 10	192-783	
		• Celsius of R.A.	19X	Package of 10	192-784	
		Left Side	• Fahrenheit of D.A.	19X	Package of 10	192-777
			• Fahrenheit of R.A.	19X	Package of 10	192-778
			• Celsius of D.A.	19X	Package of 10	192-781
• Celsius of R.A.	19X		Package of 10	192-782		

A-85

Thermostats

Accessories & Service Kits

Powerstar 192/19X




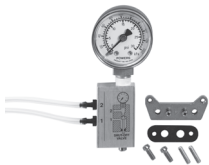
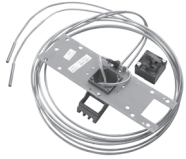



	Description	Product Group	Quantity	Part No.
	Replacement Chassis Tube Connector and mounting screws. Also provides access to filters and restrictor plate (10 thermostats).	19X	Material for 10 thermostats	192-525
	Plug-in Adapters for quick thermostat removal. Fits on 5/32" (4 mm) OD polyethylene tubing. Use with compression rings, listed below.			
	<ul style="list-style-type: none"> • Straight, blue 	19X	Package of 20	192-485
	<ul style="list-style-type: none"> • Straight, white 	19X	Package of 20	192-486
	Plug-in Adapters (Elbow).	19X	Package of 20	192-487
	<ul style="list-style-type: none"> • Blue (provides quick thermostat removal). 			
	<ul style="list-style-type: none"> • White (provides quick thermostat removal). 	19X	Package of 20	192-488
	Air Link. Connects adapters for pressure tests.	19X	Package of 20	192-501
	Replacement Cover Screws.	19X	Package of 20	192-536
	Restrictor Plate Replacement Kit. Contains replacement filters, restrictor plates, and gaskets.	19X	Material for 10 thermostats	192-321

A-86

Thermostats

Accessories & Service Kits


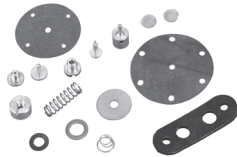
832 D/DN

	Description	Product Group	Quantity	Part No.
	Adjustment Key. Opens Powers cover and changes setpoint.	832 D, 832 DN	1	856-055
	Pneumatic Thermostat Calibration Kit. Contains thermometer, gauge squeeze bulb, and fittings for testing room and duct thermostats, pneumatic valve and damper actuators. Includes convenient carrying case. Includes 832-178.	832	1	832-177
	Calibration Tools. Special tools for calibrating 180, 182, 192 and 832 thermostats. Packed in polyethylene box that fits into carrying case of kit, 832-177.	832	1	832-178
	Test Head Kit. Used for testing 1-pipe transmitters, thermostat air lines for leakage. Packed in polyethylene box that fits into carrying case of kit, 832-177.	832	1	832-179
	Wall Box Rough-In. For 2-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long, belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance.	832	1	192-478
	"D" Base Kit. for mounting "D" thermostat with exposed tubing. Black base with cutout on top.	832 D, DN	1	832-034
	Gym Guard. No. 1 Silver	832	1	814-018
	"D" Thermostat Friction Knob.	832	1	833-033

A-87

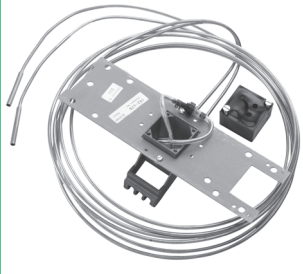
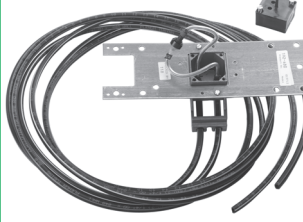





Thermostats

Accessories & Service Kits





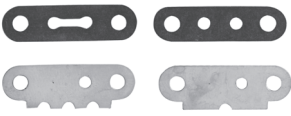
832 D/DN		Description	Product Group	Quantity	Part No.
		<p>“D” Thermostat Replacement Unit. Contains chassis only.</p>	832 D	1	832-040
		<p>Exhaust and Supply Valve Repair Kit. Contains parts for replacement of supply and exhaust valves in one thermostat.</p>	832	1	832-164

A-88

Thermostats

186		Description	Product Group	Quantity	Part No.
		<p>Wall Box Rough-In. For 2-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long, belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance.</p>	186	1	192-478
		<p>3-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long, belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance.</p>	186	1	192-498
		<p>Wall Box Rough-In. For 1- or 2-pipe dual 1/4" (6 mm) OD polyethylene with plaster plate. 10' (2 m) long. With thermostat chassis plug-in adapters for easy maintenance.</p>	186	1	192-480
		<p>3-pipe dual 1/4" (6 mm) OD polyethylene with plaster plate. 8' (2.4 m) long. With thermostat chassis plug-in adapters for easy maintenance.</p>	186	1	192-499
		<p>Mounting Clips, Spacer and Template for finished drywall.</p>	186	Package of 10	182-685
		<p>Stud Mounting Bracket and Dual Copper Tubing, belled to 3/16" (5 mm) OD with plug-in adapters for easy maintenance.</p>	186	1	192-482
		<p>Metal/Wood Stud Bracket. Drywall rough-in.</p>	186	Package of 5	182-683
		<p>Dual 1/8" (3 mm) OD Copper Tubing with plug-in adapters. For 1- or 2-pipe. Split for 3-pipe.</p>	186	1	192-479
	<p>Plug-in Adapter with Tee 20 scim restrictor for 1-pipe.</p>	186	Package of 10	192-875	











Accessories & Service Kits

184/188		Description	Product Group	Quantity	Part No.
		20 scim (5 ml/sec) Restrictors. For 1-pipe systems. 1/4" (6 mm) OD polyethylene barb unless noted. Brass coupling, 1/8" NPT.	184	1	184-040
		20 scim (5 ml/s) In-line Restrictors.	184	Package of 5	184-116
		20 scim (5 ml/s) Restrictor Tee.	184	Package of 5	184-113
		Remote Bulb Duct Mounting Kit.	188	1	808-517
		Restrictor Plate Replacement Kit. <ul style="list-style-type: none"> Restrictor plates and gaskets for 20 scim (5.4 ml/s) restriction Restrictor plates and gaskets for 40 scim (11 ml/s) restriction 	188	5 sets of each	188-159

A-90

Thermostats

Accessories & Service Kits









		Description	Product Group	Quantity	Part No.
141		Remote Bulb Duct Mounting Kit.	141	1	808-517
		Coil Clip.	141	1	356-115
		Capillary Clip.	141	Box of 100	357-001
		Packing Nut Kit. For remote bulb thermostat.	141	1	141-351
		Well. Copper for 141-0520. 4-15/16" (125 mm)	141	1	141-338
		Well. For 141-0521. 2-3/8" (60 mm)	141	1	141-337
134		Remote Bulb Duct Mounting Kit.	134	1	808-517
		Capillary Clip.	134	Box of 100	357-001
		Electric Thermostat Guard. For electric thermostats no larger than 5 1/4" H x 3/4" W x 2" D. (133 mm H x 19 mm W x 51 mm D). Made of cast aluminum. Allen Key included.	134	1	134-117
		Concealed Adjustment Faceplate.	134	1	134-034

A-91

Thermostats

Accessories & Service Kits






356/357

	Description	Product Group	Quantity	Part No.
	Pressure Gauge. 0 to 30 psig (0 to 200 kPa) compound gauge back connected 1/8" NPT male.	356	1	142-0373
	Pressure Gauge. 0 to 30 psig compound gauge, bottom connected 1/8" NPT male. Replacement or for use with 192-633 .	356	1	142-0426
	Needle Probe. 1-1/2" (38 mm) diameter gauge 0 to 30 psig (0 to 200 kPa) and calibration cover wrench.	356	1	192-633
	Needle Probe. (no gauge)	356	Package of 5	192-759
	Pipe Plug. 1/8"- 27 NPT	356	1	403-007
	Coil Clip.	357	1	356-115
	Capillary Clip.	357	Box of 100	357-001
	Swivel Flange Mounting Kit.	356	1	356-090
	• Flange Mounting Screws.	356	1	034-289K
	Flange Kit.	356	1	808-412

A-92

Thermostats

Accessories & Service Kits

356/357		Description	Product Group	Quantity	Part No.
		Copper Well for Rigid Bulbs. 1/2" NPT, 18-7/8" L.	356	1	358-051
		Copper Well for 357-0003 and 357-0005; Models 1 and 4.	357	1	134-061
		Gauge and Tee (back).	356/357	1	142-0425
		Allen Wrench Kit (pack of 5).			192-623
		Lockable Wall Box.			141-570

A-93

Thermostats

