

HEATER SUBMITTAL SHEET

FA SERIES UNIT HEATERS

GAS-FIRED, INDUCED DRAFT, HOT AIR UNIT HEATERS & ACCESSORIES

Submitted By: _____ Date: _____

Local Representative: _____ Name: _____

Phone: _____ Email: _____

Notes: _____

Engineer: _____ Contractor: _____

Project Title: _____ Phone: _____

Address: _____ Address: _____

City: _____ City: _____

State: _____ Zip: _____ State: _____ Zip: _____

QTY.	MODEL NO.	TAG	INDICATE GAS TYPE	BTU/h		APPROX. HEAT THROW	AVERAGE AIR TEMP. RISE	VENT LENGTH ¹		TYP. OR RCMD. MOUNTING HEIGHTS ¹	SHIP WEIGHT
				INPUT	OUTPUT			MIN.	MAX.		
	FA-100		Nat. or Prop.	100,000	80,000	43 ft.	50°F	3 ft.	40 ft.	12 to 14 ft.	143 lbs.
	FA-125		Nat. or Prop.	125,000	100,000	47 ft.	50°F	3 ft.	40 ft.	14 to 16 ft.	143 lbs.
	FA-150		Nat. or Prop.	150,000	120,000	50 ft.	50°F	3 ft.	40 ft.	14 to 16 ft.	195 lbs.
	FA-175		Nat. or Prop.	175,000	140,000	52 ft.	50°F	3 ft.	40 ft.	15 to 17 ft.	195 lbs.
	FA-200		Nat. or Prop.	200,000	160,000	55 ft.	50°F	3 ft.	40 ft.	15 to 17 ft.	195 lbs.
	FA-225		Nat. or Prop.	225,000	180,000	59 ft.	50°F	3 ft.	40 ft.	16 to 18 ft.	212 lbs.
	FA-250		Nat. or Prop.	250,000	200,000	63 ft.	50°F	3 ft.	40 ft.	16 to 18 ft.	212 lbs.
	FA-300		Nat. or Prop.	300,000	246,000	67 ft.	70°F	3 ft.	40 ft.	18 to 20 ft.	296 lbs.
	FA-400		Nat. or Prop.	400,000	328,000	71 ft.	70°F	3 ft.	40 ft.	20 to 22 ft.	351 lbs.

¹Deduct 5 ft. (on 4 in. vent) or 7 ft. (on 6 in. vent) for each elbow added to venting.



Detroit Radiant Products | Phone: (586) 756-0950
 21400 Hoover Rd. | Email: sales@drp-co.com
 Warren, MI 48089 | www.reverberray.com

FA SERIES FEATURED SPECIFICATIONS

APPROVALS

- ETL Listed
- Commercial/Industrial Approval
- Indoor Use Only

VOLTAGE

- 120 VAC/60 Hz (primary)
- 24 VAC (thermostatic)
- Single phase

MANIFOLD PRESSURE (Inches W.C.)

- Natural Gas: 3.5
- Propane: 10.0

INLET PRESSURE (Inches W.C.)

- Natural Gas: 5.0 to 14.0
- Propane: 11.0 to 14.0

GAS CONNECTION

- FA-100–200: ½" NPT
- FA-225–400: ¾" NPT
- Field connect to valve

VENT & INLET CONNECTION

- Category I or III venting
- Rear, horizontal discharge/inlet

MOUNTING

- Non-reversible horizontal mounting
- Mounting with ⅜"–16 threaded inserts (qty. 4)

OTHER

- Finger-proof fan guards standard
- External indicator lights
- External thermostatic connection
- Approved for 0–2,000 ft. elevations without modifications
- Supplied standard as separated combustion

LIMITED WARRANTY

- 1 year–Components
- 5 years–Heat exchangers
- 10 years–Burners

MODEL	FLA AMPS	MOTOR TYPE	MOTOR HP	FAN DIAMETER	AXIAL FAN ROTATION	GAS CONNECTION	INLET & VENT CONNECTION
FA-100	5.2	PSC	1/8	18 in.	CCW	1/2" NPT	4" O.D.
FA-125	5.0	PSC	1/6	18 in.	CCW	1/2" NPT	4" O.D.
FA-150	10.7	PSC	1/3	22 in.	CCW	1/2" NPT	6" O.D.
FA-175	10.7	PSC	1/3	22 in.	CCW	1/2" NPT	6" O.D.
FA-200	10.7	PSC	1/3	22 in.	CCW	1/2" NPT	6" O.D.
FA-225	10.7	PSC	1/3	22 in.	CCW	3/4" NPT	6" O.D.
FA-250	10.7	PSC	1/3	22 in.	CCW	3/4" NPT	6" O.D.
FA-300	11.9	PSC	3/4	26 in.	CCW	3/4" NPT	6" O.D.
FA-400	14.3	PSC	1	30 in.	CCW	3/4" NPT	6" O.D.

FIELD CONVERSION REFERENCE CHART

SUPPLIED AS	CONVERSION TO	AVAILABILITY	PART REFERENCE ²
Separated Combustion	Power Vented, Room Air	Standard	See IOPM
Natural Gas	Propane Gas	Optional	HKP
0–2,000 MSL	2,001–4,500 MSL	Optional	HKN or HKP
0–2,000 MSL	4,501–7,000 MSL	Optional	HKN or HKP
0–2,000 MSL	7,001–9,500 MSL	Optional	HKN or HKP

²Consult heater Installation, Operation, Parts, and Maintenance Manual for conversion kit reference and instructions.

OPTIONAL ACCESSORIES

- CVK-4** 4" Concentric Vent Kit for use when venting and combustion air is desired through a single wall or roof penetration. For use with FA-100 and FA-125 models. No vent pipe or B-vent material is included.
- CVK-6** 6" Concentric Vent Kit for use when venting and combustion air is desired through a single wall or roof penetration. For use with FA-150 through FA-400 models. No vent pipe or B-vent is included.
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- _____
- _____



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