

PORTABLE ELECTRIC INFRARED HEATERS

HEAVY DUTY FLAT PANEL EMITTER - FSP SERIES



Fostoria's new heavy duty electric portable heater series utilizes a single flat panel emitter infrared heating element. Our portable FSP Series meets NEC codes and safety standards for portable heating applications. They will provide a blanket of heat coverage for areas ranging from 25 to 375 square feet. Choose from: 1.45, 3.15, 4.3, or 9.5kW units.

FEATURES

- Designed for indoor & semi-protected outdoor applications.
- Heating elements included (single flat panel emitter).
- Medium wave emitter, operates at 78.5% radiant efficiency.
- Gold anodized aluminum housing, providing a 60° symmetrical heat pattern.
- Stand models include heavy duty steel (12ga.) 12" x 12" base for the 1.45 & 3.15kW units
- Cart models include steel two-wheel cart (powder coated black) and 6" diameter wheels on the 4.3 & 9.5kW units.
- Electrical enclosure included for direct wire installation.
- Single or three-phase wiring configurations.
- Zinc plated heavy-gauge safety screens included for all models.

BENEFITS

- Heats people and objects to a desired comfort level.
- Elements have a life expectancy of 25,000 hours and operate at radiant efficiency of 78.5% for delivered heat!
- Shipped fully assembled.

APPLICATION SOLUTIONS

- Indoor and semi-protected outdoor spot heating for workstations, dock areas, material handling environments and maintenance areas.
- Ideal spot heating system for high-bay industrial and commercial buildings.

Great for High Bay Spot Heating Applications!



120-480 Volt Application

TIP-OVER SWITCH TO-SK-1

(See page 14)



- Designed to provide a safe way to quickly shut off power to the FSP-43/95 cart model heaters if they are accidentally tipped over.
- 208-600 VAC Rated, single & three phase.
- Positive "Off" & built-in On/Off rocker switch lights red during operation
- NEMA 1, 18 ga. aluminized steel enclosure with heater mounting bracket
- Enclosure can mount directly to the terminal box on the back of the heater assembly
- Use with FSP-43/95 models only!

SIZING CHART - PORTABLE FSP SERIES					
Heater Type (kW Size)	NON-PROTECTED AREA		SEMI-PROTECTED AREA		Required Clearance (*)
	Below 35° F	Above 35° F	Below 35° F	Above 35° F	
TOTAL SQUARE FOOTAGE HEATED					
1.4 KW	25	36	40	50	2-feet
3.1 KW	64	75	90	125	3-feet
4.3 KW	85	100	120	150	4-feet
9.5 KW	192	225	270	375	7-feet

(*) Warning: Required minimum spacing from front of heater to combustible materials.

STAND MODELS



Portable Electric Infrared Heaters										Optional 25' Cable Kits		
GRAINGER MODEL #	MFG MODEL #	kW	VOLTS	BTUs	PH	AMPS	DIM. (in.)		Wt. (lbs.)	GRAINGER MODEL #	CABLE TYPE	NEMA PLUG TYPE
							H	W				
45EM35	FSP-1412-1C	1.45	120	4,947	1	12.1	25	12	17	(*)	14/3 SO	5-15P
45EM36	FSP-3124-1	3.15	240	10,749	1	13.1	46	12	23	3LY33	12/3 SO	6-20P
45EM37	FSP-3148-1	3.15	480	10,749	1	6.6	46	12	23	3LY34	14/3 SO	L8-20P
45EM38	FSP-4324-3	4.30	240	14,972	3	10.4	37	20	32	3LY35	14/4 SO	11-15P
					1	17.9				---	10/3 SO	L6-30P
45EM39	FSP-4348-3	4.30	480	14,972	3	5.2	37	20	32	3LY35	14/4 SO	L16-20P
					1	9.0				3LY34	14/3 SO	L8-20P
45EM40	FSP-9524-3	9.50	240	32,414	3	22.9	53	20	46	3LY31	8/4 SO	11-50P
45EM41	FSP-9548-3	9.50	480	32,414	3	11.4	53	20	46	3LY32	12/4 SO	L16-20P

(*) Factory pre-wired models with 15' cord & grounded plug
Note: Optional cable kits do not include a plug.

