

45EM35

## Portable Infrared Radiant Electric Jobsite & Garage Heaters

Efficiently and quietly warm people and objects without having to bring up the ambient air temperature. Provide spot heating to enclosed and semiprotected areas. Also used to cure a variety of finishes with a lower chance of blistering or overheating than other types of heaters.

Note: Not for use in hazardous or chemical-laden atmospheres, or unprotected wet locations. Heaters should be used outdoors temporarily only.

Multiple heaters may be required to achieve required watts for desired coverage.

	Non-Pr Heated Ar	ea (sq. ft.)	Semi-Protected Heated Area (sq. ft.)			
Watts	Below 35°F	Above 35°F	Below 35°F	Above 35°F		
1450	25	36	40	50		
3150	64	75	90	125		
4300	85	100	120	150		
9500	192	225	270	375		



786DY0

No.		U	132	223	210		7.5			
1450W   120V AC	Output			Config.						
Wheeled, Flat Panel Emitter, Includes Steel Cart   S150 W 240V AC	Stationa	ry, Flat Pa	nel Emi	tter						
3150 W   240V AC							11 ½ in	_	FSP-1412-10	45EM35
4300W   240V AC   1 or 3   Hardwired   60 °   17 in   19 ½ in   6 ½ in   H95-F8P-3   786DYO	Wheeled	, Flat Pan	el Emitt	er, Includes	Steel Car	t				
9550 W   240V AC   1, 3   Hardwired   60 °   53 ¾ in   19 ¾ in   16 ¼ in   H95-FSP-3   786DYO	3150 W	240V AC	1	Hardwired	60°	45 1/4 in	11 ½ in	12 ¾ in	H31-FSP-1	786DX6
Wheeled, Quartz Lamp, Includes Casters and Hinged Panel's to Direct Infrared Heat   4800W   240V AC   1 or 3   Hardwired   30 in   66 % in   HP-6-0T   3HML2     11,200W   240V AC   1 or 3   Hardwired   30 in   66 % in   HP-6-0T   3HML2     11,200W   240V AC   1 or 3   Hardwired   30 in   66 % in   HP-6-0T   3HML2     11,200W   240V AC   1 or 3   Hardwired   30 in   66 % in   HP-11-0T   3HML3     12,200W   240V AC   1   5-15P   60 ° 72 in   53 in   HP-11-0T   3HML3     150W   120V AC   1   Hardwired   60 ° 45 ½ in   11 ½ in   12 ½ in   P31-FSP-1   786DX7     1350W   480V AC   1   Hardwired   60 ° 36 ½ in   19 ¼ in   15 in   P31-FSP-1   786DX7     2550W   480V AC   1   Hardwired   60 ° 53 ¼ in   19 ¼ in   16 ¼ in   P34-FSP-3   786DX9     2550W   480V AC   1   Hardwired   60 ° 53 ¼ in   19 ¼ in   16 ¼ in   P34-FSP-3   786DX9     2560W	4300W	240V AC	1 or 3	Hardwired		17 in	19 % in	_	FSP-4324-3	45EM38
A800W   240V AC   1 or 3   Hardwired   —   30 in   44 % in   —   HP-5-OT   3HML1	9550 W	240V AC	1, 3	Hardwired	60°	53 ¾ in	19 ¾ in	16 1/4 in	H95-FSP-3	786DY0
Cart	Wheeled	, Quartz La	amp, Inc	cludes Caste	rs and Hi	iged Pane	ls to Dire	ct Infrare	d Heat	
11,200W 240V AC 1 or 3   Hardwired   30 in   66 % in   HP-11-QT   3HML3	4800W	240V AC	1 or 3	Hardwired	_	30 in	44 % in	_	HP-5-QT	3HML1
Name	6400W	240V AC	1 or 3	Hardwired	_	30 in	66 % in		HP-6-QT	3HML2
1500W   120V AC   1   5-15P   60 ° 72 in   53 in   — PCH-48C   5JNK7	11,200W	240V AC	1 or 3	Hardwired	_	30 in	66 % in	_	HP-11-QT	3HML3
3150 W	Wheeled	, Quartz Ti	ube, Inc	ludes Adjust	able Stan	d				
A350 W   480V AC   1, 3   Hardwired   60 ° 36 ¾ in 19 ¾ in 15 in   P43-FSP-3   786DX9	1500W	120V AC	1	5-15P		72 in		_	PCH-48C	5JNK7
955 0 W 48 0 V AC 1 Hardwired 60 ° 53 ¾ in 19 ¾ in 16 ¼ in P95-FSP-3 786DY1    Description	3150 W	480V AC	1	Hardwired		45 1/4 in	11 ½ in	12 ¾ in	P31-FSP-1	786DX7
Description   Mir.   Item   No.	4350 W	480V AC	1, 3	Hardwired	60°	36 ¾ in	19 ¾ in	15 in	P43-FSP-3	786DX9
Description	9550 W	480V AC	1	Hardwired	60°	53 ¾ in	19 ¾ in	16 1/4 in	P95-FSP-3	786DY1
Cart         For Use With Mfr. No. FSP-43 and FSP-95 Infrared Portable Heaters         FHK.1         4E527           Field Installed Cable Kits - 25 ft, 600V AC Rated, Include Cable Grip, Wire Sleeves         8/4 SQ, For Use With Mfr. No. FSP-9520-3         SQ 8/4         3LY31           1/4/3 SQ, For Use With Mfr. No. FSP-95120-1, FSP-9124-1, FSP-9527-3         SQ 14/3         3LY34           1/4/5 SQ, For Use With Mfr. No. FSP-9557-3         SQ 14/3         3LY34           1/4/4 SQ, For Use With Mfr. No. FSP-4320-3, FSP-9324-3, FSP-9348-3, FSP-9357-3-3         SQ 14/4         3LY35           FSP-4348-3, FSP-4357-3, FSP-9548-3, FSP-9557-3-3         SQ 14/4         Mfr. Model           Safety Switches for Flat Panel Emitter Heaters         Voltage         Mfr. Model           Disconnect Switch, For Use With MI FSA/FSS & FSP Models         GOV AC         DC-SK-1         2KDC8									Mfr.	Item
Frield Installed Cable Kits - 25 ft, 600V AC Rated, Include Cable Grip, Wire Sleeves 8/4 SO, For Use With Mfr. No. FSP-3520-3 14/3 SO, For Use With Mfr. No. FSP-3520-3 14/3 SO, For Use With Mfr. No. FSP-3120-1, FSP-3124- 14/4 SO, For Use With Mfr. No. FSP-3120-1, FSP-3124- 14/4 SO, For Use With Mfr. No. FSP-3420-3, FSP-4324-3, FSP-4324-3, FSP-4327-3, FSP-9587-3  14/4 SO, For Use With Mfr. No. FSP-4320-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-4324-3, FSP-438-3, FSP-9587-3-3  Description  Description Voltage  Mfr. Model No.  Safety Switches for Flat Panel Emitter Heaters Disconnect Switch, For Use With All FSA/FSS & FSP Models  600V AC  DC-SK-1  ZKDC8				Descr	iption				Model	No.
Field Installed Cable Kits - 25 ft, 500V AC Rated, Include Cable Grip, Wire Sleeves									E1117	
8/4 SO, For Use With Mfr. No. FSP-9520-3 14/3 SO, For Use With Mfr. No. FSP-9520-1, FSP-3124- 1, FSP-4324-3, FSP-4327-1, FSP-9557-3 14/4 SO, For Use With Mfr. No. FSP-4320-3, FSP-4324-3, FSP-4348-3, FSP-4357-3, FSP-9558-3 14/4 SO, For Use With Mfr. No. FSP-4320-3, FSP-4324-3, FSP-4348-3, FSP-4357-3, FSP-9558-3-3  Mfr.  Description  Description  Voltage  Mfr.  Model No.  Safety Switches for Flat Panel Emitter Heaters Disconnect Switch, For Use With All FSA/FSS & FSP Models  OC VOLTAGE  OC VOLTA								W. 01		4E527
14/3 SO, For Use With Mfr. No. FSP-3120-1, FSP-3124-       SO 14/3       3LY34         1, FSP-4324-3, FSP-4327-1, FSP-9557-3       SO 14/4       3LY35         14/4 SO, For Use With Mfr. No. FSP-4320-3, FSP-4324-3, FSP-957-3-3       SO 14/4       3LY35         FSP-4348-3, FSP-4357-3, FSP-9548-3, FSP-9557-3-3       Mfr. Model       Mr.         Description       Voltage       Mfr. Model       No.         Safety Switches for Flat Panel Emitter Heaters       GOOV AC       DC-SK-1       2KDC8						, include	Cable Gri	o, wire Si		21 V24
1, FSP-4324-3, FSP-4327-1, FSP-9557-3       S0 14/3       3L134         14/4 SO, For Use With Mir. No. FSP-4320-3, FSP-4324-3, FSP-4357-3, FSP-9557-3-3       S0 14/4       3LY35         FSP-4348-3, FSP-4357-3, FSP-9557-3-3       Woltage       Mfr. Model       No.         Safety Switches for Flat Panel Emitter Heaters         Disconnect Switch, For Use With All FSA/FSS & FSP Models       600 V AC       DC-SK-1       2KDC8						-212/-				
FSP-4348-3, FSP-4357-3, FSP-9548-3, FSP-9557-3-3	1. FSP-4	324-3. FS	P-4327-	1. FSP-9557	-3				SO 14/3	3LY34
Description   Voltage   Mfr.   Model   No.	14/4 S0 FSP-434	, For Use V 8-3. FSP-4	Vith Mfr 4357-3.	. No. FSP-43 FSP-9548-3.	20-3, FSP FSP-9557	-4324-3, '-3-3			SO 14/4	3LY35
Safety Switches for Flat Panel Emitter Heaters Disconnect Switch, For Use With All FSA/FSS & FSP Models 600V AC DC-SK-1 2KDC8				,						
Disconnect Switch, For Use With All FSA/FSS & FSP Models 600V AC DC-SK-1 2KDC8	Cofoty C	uitahaa fa	De:	scription	Hootoro		Volta	ige	woael	NO.
Tin Over Switch, For Use With FSP 43/95kW Models — TO-SK-1 2KDC9	Dieconn	oct Switch	For He	allei Elliitter a With All ES	A/ESS & E	SD Models	600	۸۲	DC-SK-1	SKUCS
	Tin Over	Switch F	nr IIse V	Vith FSP 43/9	75kW Mod	els	J 000 V			



## **Under-Floor Electric Heating Systems**

Provide concentrated warmth at ground level. Systems consist of mats with built-in heating coils that are positioned between the subfloor and finished floor. Easy to install and used in renovations or new construction. Compatible with most subfloors. Remote-mounted thermostat required (sold separately).

**For Carpet, Ceramic Tile, Marble, Porcelain, Stone, Vinyl Tile—**Can be installed under carpet, vinyl, laminate, and glued-down floors with self-leveling cement. Include factory-attached 10-ft. lead wire.

For Laminate, Wood—Suitable for floating and glue-down laminate, wood, and engineered wood floors: no cement required. Include 20-ft. lead wire.

and engineer	ed wood floor	's; no cement i	required. Inclu	de 20-ft. lead	wire.
Overall	Overall	Heating		Mfr.	Item
Length	Width	Area	Voltage	Model	No.
		le, Porcelain, Sto			
5 ft	18 in	7.5 sq ft	120V AC	WW5-120	14C436
7 ft	18 in	10.5 sq ft	120V AC	WW7-120	14C437
10 ft	18 in	15 sq ft	120V AC	WW10-120	14C438
10 ft	18 in	15 sq ft	240V AC	WW10-240	14C446
14 ft	18 in	21 sq ft	240V AC	WW14-240	14C447
15 ft	18 in	22.5 sq ft	120V AC	WW15-120	14C439
20 ft	18 in	30 sq ft	120V AC	WW20-120	14C440
20 ft	18 in	30 sq ft	240V AC	WW20-240	14C448
30 ft	18 in	45 sq ft	120V AC	WW30-120	14C441
30 ft	18 in	45 sq ft	240V AC	WW30-240	14C449
40 ft	18 in	60 sq ft	120V AC	WW40-120	14C442
40 ft	18 in	60 sq ft	240V AC	WW40-240	14C450
50 ft	18 in	75 sq ft	120V AC	WW50-120	14C443
60 ft	18 in	90 sq ft	120V AC	WW60-120	14C444
60 ft	18 in	90 sq ft	240V AC	WW60-240	14C451
80 ft	18 in	120 sq ft	240V AC	WW80-240	14C452
100 ft	18 in	150 sq ft	240V AC	WW100-240	14C453
120 ft	18 in	180 sq ft	240V AC	WW120-240	14C454
For Laminate, \					
5 ft	18 in	7.5 sq ft	120V AC	1505-120	14C455
5 ft	36 in	15 sq ft	120V AC	3005-120	14C457
5 ft	36 in	15 sq ft	240V AC	3005-240	14C461
10 ft	18 in	15 sq ft	120V AC	1510-120	14C456
10 ft	18 in	15 sq ft	240V AC	1510-240	14C459
10 ft	36 in	30 sq ft	120V AC	3010-120	14C458
10 ft	36 in	30 sq ft	240V AC	3010-240	14C462
20 ft	18 in	30 sq ft	240V AC	1520-240	14C460
20 ft	36 in	60 sq ft	240V AC	3020-240	14C463
				Mfr.	Item
	Des	cription		Model	No.
Accessories					
Electric Floor F	leater Thermosta	t, 120V AC, Includ	les Floor Sensor	MTC-2991	14C467
Electric Floor F	leater Thermosta	t, 240V AC, Includ	ies Floor Sensor	MTC-1991	14C468
InstAlarm Mon	itor, Includes 9V	Battery, Instruction	ns, Screw Driver	INSTALRM	14C470
	all Kit, % in Plasti neter, Ultra Light	ic Trowel, InstAlar Kneepads	m	IK-TAMK	14C471
Plastic Trowel,	3/8 in Square Not	ch		TRWL3838	20UG51
Heavy Duty Pla	stic Trowel, ½ in	X % in Notch		TRWL3812	20UG52
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## **Kickspace Electric Heaters**

■ Black grille color

Recess in under-cabinet spaces and provide supplemental heat where space is limited, such as kitchens, bathrooms, and checkout counters. They wire into an opening at the base of a cabinet. Can be controlled with a required thermostat (Surface Mount 2YV12) or (Wall Mount 800TN3) sold separately, except Heater 800TN2 includes a thermostat kit.

Wattage Output	Voltage (AC)	Rough-In Width	Rough-In Height	Rough-In Depth	Brand	Mfr. Model	Item No.
Heaters							
1350 W, 1800 W, 450 W, 900 W	120/240V	20 1/8 in	3 ½ in	10 ½ in	Cadet	10051	800TN1
1500 W, 750 W	120V	14 1/4 in	3 ½ in	8 % in	Dayton	2YV10	2YV10
Heater with Thermostat							
1350 W, 1800 W, 450 W, 900 W	120/240V	20 1/8 in	3 ½ in	10 ½ in	Cadet	10052	800TN2
Description		For l	Jse With	Brand	Mf Mod		Item No.
Mechanical Thermostats							
120/240V AC, 45° to 85°F, Sir	ngle Pole	2	YV10	Dayton	2YV	12	2YV12
120/240V AC 50° to 90°F Sir	alo Pole	80	NTN1	Cadet	660	51 5	SULLUS



## **Accessories For Electric Floor Heaters**

Description	Mfr. Model	Item No.	
stAlarm Monitor, Includes 9V Battery, structions, Screw Driver	INSTALRM	14C470	
T Deluxe Install Kit, ¾ in Plastic Trowel, InstAlarm Ionitor, Multimeter, Ultra Light Kneepads	IK-TAMK	14C471	_
astic Trowel, % in Square Notch eavy Duty Plastic Trowel, ½ in X % in Notch	TRWL3838 TRWL3812	20UG51 20UG52	=

**Thermo**Soft