



Indoor/Outdoor Suspended Infrared Radiant Electric Ceiling Heaters

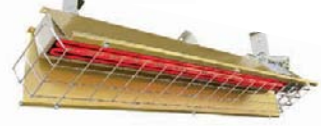
Quietly heat areas like entrances, patios, and bus shelters. Heaters withstand rain and provide snow and ice control. Can be ceiling- or wall-mounted with either an included or optional bracket. Units may be used with a variable beam heat controller.

Wattage Output	Voltage	Phase	Beam Pattern	Housing Color	Overall Length	Overall Width	Overall Depth	Mfr. Model	Item No.
Flat Panel Emitters, Aluminum Housing Material									
3150W	208V AC	1	60°	Silver	47 1/8 in	5 3/4 in	9 in	FSA-3120-1	411G63 *
	240V AC	1	60°	Silver	47 1/8 in	5 3/4 in	9 in	FSA-3124-1	411G64 *
	480V AC	1	60°	Silver	47 1/8 in	5 3/4 in	9 in	FSA-3148-1	411G65 *
4300W	208V AC	1 or 3	60°	Silver	25 1/8 in	14 3/4 in	9 1/4 in	FSA-4320-3	411G66 *
	240V AC	1 or 3	60°	Silver	25 1/8 in	14 3/4 in	9 1/4 in	FSA-4324-3	411G67 *
	480V AC	1 or 3	60°	Silver	25 1/8 in	14 3/4 in	9 1/4 in	FSA-4348-3	411G68 *
9500W	208V AC	1 or 3	60°	Silver	47 1/8 in	14 3/4 in	9 1/4 in	FSA-9520-3	411G69 *
	240V AC	1 or 3	60°	Silver	47 1/8 in	14 3/4 in	9 1/4 in	FSA-9524-3	411G70 *
	480V AC	1 or 3	60°	Silver	47 1/8 in	14 3/4 in	9 1/4 in	FSA-9548-3	411G71 *
3150 W	208 V	1	60°	Gold	46 in	9 in	8 1/2 in	F31-FSS-1	786LK9
4300 W	208 V	1, 3	60°	Gold	29 in	20 in	9 1/2 in	F43-FSS-3	786LL2
Quartz Lamp, Aluminum Housing Material									
3200W	208V AC	1	30°	Silver	24 in	15 in	11 in	222-30-THA-208V	56FD25
	240V AC	1	30°	Silver	24 in	15 in	11 in	222-30-THA-240V	56FD26
	277V AC	1	30°	Silver	24 in	15 in	11 in	222-30-THA-277V	56FD27
	480V AC	1	30°	Silver	24 in	15 in	11 in	222-30-THA-480V	56FD28
	208V AC	1	60°	Silver	24 in	15 in	11 in	222-60-THA-208V	56FD29
	240V AC	1	60°	Silver	24 in	15 in	11 in	222-60-THA-240V	56FD30
	277V AC	1	60°	Silver	24 in	15 in	11 in	222-60-THA-277V	56FD31
	480V AC	1	60°	Silver	24 in	15 in	11 in	222-60-THA-480V	56FD32
5000W	208V AC	1	30°	Silver	33 in	15 in	11 in	342-30-THA-208V	56FD33
	240V AC	1	30°	Silver	33 in	15 in	11 in	342-30-THA-240V	56FD34
	480V AC	1	30°	Silver	33 in	15 in	11 in	342-30-THA-480V	56FD35
	208V AC	1	60°	Silver	33 in	15 in	11 in	342-60-THA-208V	56FD36
7300W	240V AC	1	60°	Silver	33 in	15 in	11 in	342-60-THA-240V	56FD37
	480V AC	1	60°	Silver	33 in	15 in	11 in	342-60-THA-480V	56FD38
	480V AC	1	30°	Silver	46 in	15 in	11 in	462-30-THA-480V	56FD39
	480V AC	1	60°	Silver	46 in	15 in	11 in	462-60-THA-480V	56FD40
	208V AC	1 or 3	30°	Silver	24 in	21 1/2 in	11 in	223-30-THA-208V	56FD41
4800W	240V AC	1 or 3	30°	Silver	24 in	21 1/2 in	11 in	223-30-THA-240V	56FD42
	277V AC	1 or 3	30°	Silver	24 in	21 1/2 in	11 in	223-30-THA-277V	56FD43
	480V AC	1 or 3	30°	Silver	24 in	21 1/2 in	11 in	223-30-THA-480V	56FD44
	208V AC	1 or 3	60°	Silver	24 in	21 1/2 in	11 in	223-60-THA-208V	56FD45
	240V AC	1 or 3	60°	Silver	24 in	21 1/2 in	11 in	223-60-THA-240V	56FD46
	277V AC	1 or 3	60°	Silver	24 in	21 1/2 in	11 in	223-60-THA-277V	56FD47
	480V AC	1 or 3	60°	Silver	24 in	21 1/2 in	11 in	223-60-THA-480V	56FD48
	208V AC	1 or 3	30°	Silver	33 in	21 1/2 in	11 in	343-30-THA-208V	56FD49
7500W	240V AC	1 or 3	30°	Silver	33 in	21 1/2 in	11 in	343-30-THA-240V	56FD50
	480V AC	1 or 3	30°	Silver	33 in	21 1/2 in	11 in	343-30-THA-480V	56FD51
	208V AC	1 or 3	60°	Silver	33 in	21 1/2 in	11 in	343-60-THA-208V	56FD52
	240V AC	1 or 3	60°	Silver	33 in	21 1/2 in	11 in	343-60-THA-240V	56FD53
10,950W	480V AC	1 or 3	30°	Silver	46 in	21 1/2 in	11 in	463-30-THA-480V	56FD54
	480V AC	1 or 3	60°	Silver	46 in	21 1/2 in	11 in	463-60-THA-480V	56FD55
Quartz Lamp, Galvanized Steel Housing Material									
3200 W	208 V	1	30°	Bronze	24 in	15 in	11 in	F-30-222-TH	786LC9
	240 V	1	30°	Bronze	24 in	15 in	11 in	H-30-222-TH	786LD0
	240 V	1	60°	Bronze	24 in	15 in	11 in	H-60-222-TH	786LD8
	240 V	1	90°	Bronze	24 in	15 in	11 in	H-90-222-TH	786LE6
	277 V	1	90°	Bronze	24 in	15 in	11 in	G-90-222-TH	786LE7
	480 V	1	90°	Bronze	24 in	15 in	11 in	P-90-222-TH	786LE8
5000 W	480 V	1	90°	Bronze	33 in	15 in	11 in	P-90-342-TH	786LH7
	Quartz Lamp, Stainless Steel Housing Material								
3200 W	240 V	1	30°	Silver	24 in	15 in	11 in	H-30-222-THSS	786LD4
	277 V	1	30°	Silver	24 in	15 in	11 in	G-30-222-THSS	786LD5
	208 V	1	60°	Silver	24 in	15 in	11 in	F-60-222-THSS	786LE1
	240 V	1	60°	Silver	24 in	15 in	11 in	H-60-222-THSS	786LE2
	277 V	1	60°	Silver	24 in	15 in	11 in	G-60-222-THSS	786LE3
	480 V	1	60°	Silver	24 in	15 in	11 in	P-60-222-THSS	786LE4
	208 V	1	90°	Silver	24 in	15 in	11 in	F-90-222-THSS	786LE9
	240 V	1	90°	Silver	24 in	15 in	11 in	H-90-222-THSS	786LF0
	277 V	1	90°	Silver	24 in	15 in	11 in	G-90-222-THSS	786LF1
	480 V	1	90°	Silver	24 in	15 in	11 in	P-90-222-THSS	786LF2
	208 V	1, 3	30°	Silver	24 in	21 1/2 in	11 in	F-30-223-THSS	786LF3
4800 W	480 V	1, 3	30°	Silver	24 in	21 1/2 in	11 in	P-30-223-THSS	786LF6
	208 V	1, 3	90°	Silver	24 in	21 1/2 in	11 in	F-90-223-THSS	786LG1
	240 V	1, 3	90°	Silver	24 in	21 1/2 in	11 in	H-90-223-THSS	786LG2
	480 V	1, 3	90°	Silver	24 in	21 1/2 in	11 in	P-90-223-THSS	786LG4
5000 W	480 V	1, 3	30°	Silver	33 in	15 in	11 in	P-30-342-THSS	786LH0
	480 V	1	90°	Silver	33 in	15 in	11 in	P-90-342-THSS	786LJ0
	277 V	1, 3	30°	Silver	33 in	21 1/2 in	11 in	H-30-343-THSS	786LJ2
7500 W	480 V	1, 3	30°	Silver	33 in	21 1/2 in	11 in	P-30-343-THSS	786LJ3
	277 V	1, 3	60°	Silver	33 in	21 1/2 in	11 in	H-60-343-THSS	786LJ5
	480 V	1, 3	60°	Silver	33 in	21 1/2 in	11 in	P-60-343-THSS	786LJ6
	277 V	1, 3	90°	Silver	33 in	21 1/2 in	11 in	H-90-343-THSS	786LJ8
7300 W	480 V	1, 3	90°	Silver	33 in	21 1/2 in	11 in	P-90-343-THSS	786LJ9
	480 V	1	30°	Silver	46 in	15 in	11 in	P-30-462-THSS	786LK1
	480 V	1	60°	Silver	46 in	15 in	11 in	P-60-462-THSS	786LK3
10950 W	480 V	1	90°	Silver	46 in	15 in	11 in	P-90-462-THSS	786LK5
	480 V	1, 3	30°	Silver	46 in	21 1/2 in	11 in	P-30-463-THSS	786LK6
Quartz Tube, 304 Stainless Steel Housing Material									
4000W	208V AC	1	60°	Silver	55 in	7 1/2 in	7 in	OCH2-55-208V-SS	55VL67
	240V AC	1	60°	Silver	55 in	7 1/2 in	7 in	OCH2-55-240V-SS	55VL68
	208V AC	1	60°	Silver	66 in	7 1/2 in	7 in	OCH2-66-208V-SS	55VL69
6000W	240V AC	1	60°	Silver	66 in	7 1/2 in	7 in	OCH2-66-240V-SS	55VL70
	277V AC	1	60°	Silver	66 in	7 1/2 in	7 in	OCH2-66-277V-SS	55VL71
	480V AC	1	60°	Silver	66 in	7 1/2 in	7 in	OCH2-66-480V-SS	55VL72
1500W	120V AC	1	60°	Silver	48 in	5 3/8 in	6 1/2 in	OCH-46-120V-SSE	2KDA8
	208V AC	1	60°	Silver	59 in	5 3/8 in	6 1/2 in	OCH-57-208V-SSE	2KDA9
3000W	240V AC	1	60°	Silver	59 in	5 3/8 in	6 1/2 in	OCH-57-240V-SSE	2KDC1
	Quartz Tube, Frosted, Galvanized Steel Housing Material								
3000W	208V AC	1	60°	Bronze	58 in	5 3/8 in	6 1/2 in	OCH57-208VE	61HK46
	240V AC	1	60°	Bronze	58 in	5 3/8 in	6 1/2 in	OCH57-240VE	61HK47

* Semi-protected outdoor areas only; units must be covered.



411G63



786LK9



56FD25



786LC9



786LD4

Electric Infrared Heater Selection Guide

DESIRED TEMP. RISE =

Desired comfort temp. - average ambient temp.

WATTS REQUIRED =

For Indoor Spot Heating: Sq. ft. to heat x desired temp. rise

For Indoor Total Area/Building Heating: Sq. ft. to heat x desired temp. rise x 0.5

For Outdoor Spot Heating: Sq. ft. to heat x desired temp. rise x 2.0

For Outdoor Snow and Ice Control Heating Systems: Sq. ft. to heat x (avg. 85 to 110 watts/sq. ft.)

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

HEATING ELEMENTS

Flat Panel Emitters:

No glass materials. For indoor spot heating.

Quartz Lamp: For snow and ice control, indoor/outdoor spot heating, and indoor total area heating.

Quartz Tube: For indoor/outdoor spot heating and indoor total area heating.