

Architectural Convection Heater

Heavy duty architectural design and high heat output are perfect for large commercial spaces where quiet natural convection performance is required.

Features

- Advanced architectural styling
- Profile measures 20"H x 5-3/4"W for an unobtrusive appearance
- Full length thermal protection
- Floating element suspension eliminates expansion noise
- Non-corrosive, stainless steel tubular element with aluminum fins
- Front air intake, front air exhaust
- May be partially or fully recessed

Applications

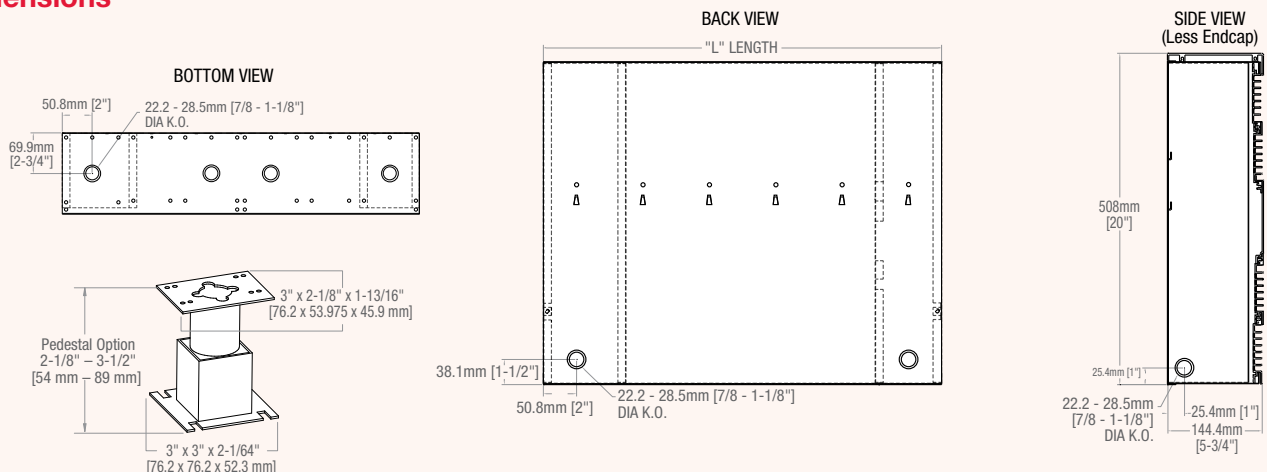
Commercial | Institutional | Meeting Rooms | Schools | Churches | Auditoriums | Hospitals



Specifications

Voltage	- 208V, 240V, 277V, 347V, 480V, 600V - 1 and 3 phase
Wattage	- Sizes ranging from 1200W to 6000W
Color	- Standard: White, Almond or Black - Optional: Bronze, Silver, Charcoal, Metallic Charcoal or Metallic Silver
Finish	- Painted finish is hybrid polyester epoxy powder coat process - Silver and Bronze are anodized aluminum finishes
Construction	- Front and top are constructed of extruded aluminum equivalent in strength to 14 gauge steel, with punched air intake and exhaust vents - Cabinet back and bottom are fabricated from satin coat steel with multiple knockouts for convenient power connection - Endcaps are field removable for continuous heater installation - Full length wire way for convenient wiring
Heating Element	- Stainless steel sheath encloses a nickel chromium element compacted in a mineral insulation - Aluminum fins are brazed to the surface and provide superior heat transfer
Watt Density	- 1000W, 750W, 600W
Controls & Installation	- Built-in tamperproof thermostat, or adjustable thermostat controls may be mounted in either the left or right hand terminal box - Built-in low voltage controls, if specified, are located in the right hand terminal box - Built-in disconnect switches, if specified, are located in the right hand terminal box - Power connection can be made at either end of the heater
Warranty	- 10-year element warranty - 1-year warranty on complete unit

Dimensions



Product Order Logic:

Order logic example →

Catalog Number			Options		
AF20	2	20	21	02	A9
Series	Length (ft)	Watts	Voltage Selection	Finish Selection	Control Options

Ordering Guide

Cat. No.	Watts	BTU	Available Voltages		Length (mm/in.)	Weight (kg/lbs.)
			1 Phase	3 Phase		
Standard Average Watt Density – 1000W/ft						
AF20220	2000	6824	208, 240, 277, 347, 600	208, 480	617 / 24-1/3	17.7 / 39
AF20330	3000	10236	208, 240, 277, 347, 600	208, 480, 600	922 / 36-5/16	24.0 / 53
AF20440	4000	13648	208, 240, 277, 347, 600	208, 480, 600	1227 / 48-5/16	29.3 / 64.5
AF20550	5000	17060	208, 240, 277, 347, 600	208, 480, 600	1532 / 60-5/16	35.0 / 77.3
AF20660	6000	20472	208, 240, 277, 347, 600	208, 480, 600	1836 / 72-5/16	41.0 / 90

Average Watt Density – 750W/ft

AF20215	1500	5118	208, 240, 347, 600	208, 600	617 / 24-1/3	17.7 / 39
AF20430	3000	10236	208, 240, 277, 347, 600	208, 480, 600	1227 / 48-5/16	29.3 / 64.5
AF20645	4500	15354	208, 240, 277, 347, 600	208, 480, 600	1836 / 72-5/16	41.0 / 90

Low Average Density – 600W/ft

AF20212	1200	4094	208, 240, 277, 347, 480, 600	208, 480, 600	617 / 24-1/3	17.7 / 39
AF20318	1800	6142	208, 240, 277, 347, 480, 600	208, 480, 600	922 / 36-5/16	24.0 / 53
AF20424	2400	8189	208, 240, 277, 347, 480, 600	208, 480, 600	1227 / 48-5/16	29.3 / 64.5
AF20530	3000	10236	208, 240, 277, 347, 480, 600	208, 480, 600	1532 / 60-5/16	35.0 / 77.3
AF20636	3600	12283	208, 240, 277, 347, 480, 600	208, 480, 600	1836 / 72-5/16	41.0 / 90

1. Specify desired voltage, finish and control option from tables
2. Endcaps are included with heaters

3. Consult factory for custom finish requirements

Voltage Selection

Code	Voltage	Phase
21	208	1
23	208	3
31	240	1
41	277	1
51	347	1
71	480	1
73	480	3
81	600	1
83	600	3

Control Options (factory installed)

Cat. No	Description
A3	Built-in SP tamperproof hydraulic thermostat for 3 phase 208 - 600V
A4	Built-in 24V low voltage relay for 1 phase 208 - 600V
A5	Built-in 24V low voltage relay and transformer for 1 phase 208 - 600V
A6	Built-in 24V contactor less transformer for 3 phase 208 - 600V
A7	Built-in 24V contactor and transformer for 3 phase 208 - 600V
A8	Built-in disconnect switch, rated 600V/50A
A9	Built-in DP tamperproof hydraulic thermostat 208 - 600V
B3	Built-in SP tamperproof thermostat and disconnect
B9	Built-in DP tamperproof thermostat and disconnect
G1	TRIAC Relay, 347V Max
G2	TRIAC Relay, 600V Max
G3	TRIAC Relay with transformer, 15A, 240-347V
G4	TRIAC Relay with transformer, 15A, 208-240V

Finish Selection

Code		Color	Finish
02		White	Painted
68		Almond	Painted
03		Black	Painted
Optional colors			
07		Bronze	Painted - Steel Anodized - Aluminum
10		Silver	Painted - Steel Anodized - Aluminum
Z1		Charcoal	Painted
Z2		Metallic Charcoal	Painted
Z3		Metallic Silver	Painted

Accessories* (field installed)

Cat. No.	Description
ALTB	Trim Bar for recess mounting

* Note: Must add length required.

Example - ALTB 2 0 2 = 2 foot long, white finish

Length in feet Finish Selection (Color)