

# Architectural Draft Barrier Heater

Architecturally pleasing, maintenance free solution to reducing window drafts in commercial buildings.



## Features

- Advanced architectural, low profile styling measures 6"H x 2-1/2"W for an unobtrusive appearance
- Full length thermal protection
- Floating element suspension eliminates expansion noise
- Non-corrosive, stainless steel tubular element with aluminum fins
- Built-in wireway for continuous installation
- Choice of air intake on front or bottom

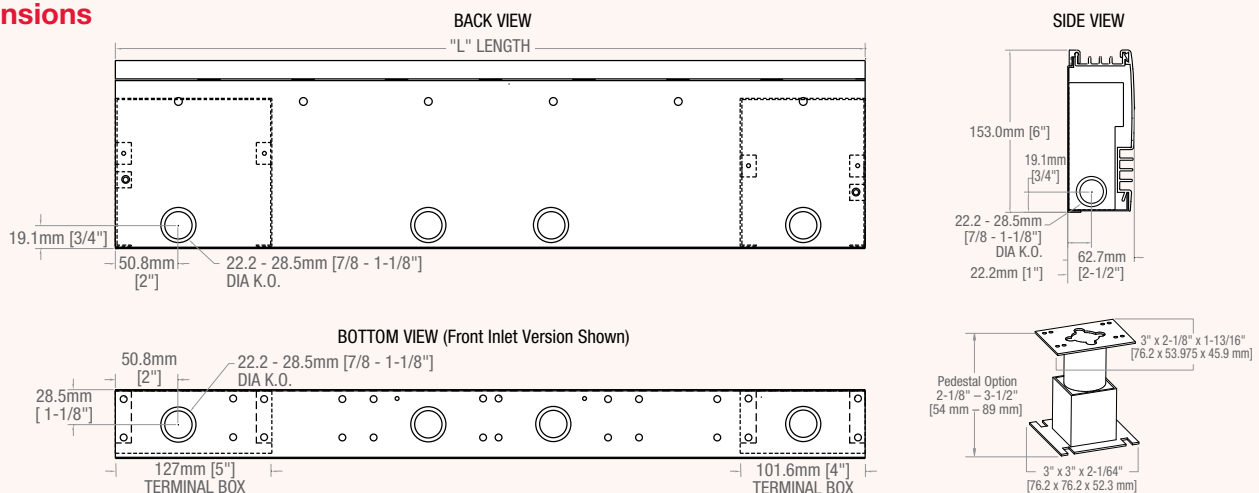
## Applications

Commercial, Institutional, Residential Offices  
| Lobbies | Meeting Rooms | Hallways

## Specifications

<b>Voltage</b>	- 120V, 208V, 240V, 277V, 347V, 480V, 600V - 1 phase
<b>Wattage</b>	- Sizes ranging from 300W to 2500W
<b>Color</b>	- Standard: White, Almond or Black - Optional: Bronze, Silver, Charcoal, Metallic Charcoal or Metallic Silver
<b>Finish</b>	- Painted finish is hybrid polyester epoxy powder coat process - Silver and Bronze are anodized aluminum finishes
<b>Construction</b>	- 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
<b>Heating Element</b>	- 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
<b>Watt Density</b>	- 250W, 200W, 150W
<b>Controls &amp; Installation</b>	- 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
<b>Warranty</b>	- 10-year element warranty - 1-year warranty on complete unit

## Dimensions



## Product Order Logic:

Order logic example →

Catalog Number				Options			
<b>AF6</b>	<b>F</b>	<b>2</b>	<b>05</b>	<b>11</b>	<b>02</b>	<b>A1</b>	<b>S</b>
Series	Inlet F=Front B=Bottom	Length (ft)	Watts	Voltage Selection	Finish Selection	Control Options	Cabinet Features

## Ordering Guide

Cat. No.	Watts	BTU	Available Voltages	Phase	Length (mm/in.)	Weight (kg/lbs.)
<b>Standard Average Watt Density – 250W/ft</b>						
AF6F205	500	1706	120, 208, 240, 347	1	616 / 24-5/16	3.9 / 8.5
AF6F307	750	2559	120, 208, 240, 277, 347, 480, 600	1	921 / 36-5/16	5.2 / 11.5
AF6F410	1000	3412	120, 208, 240, 277, 347, 480, 600	1	1223 / 48-5/16	6.6 / 14.6
AF6F512	1250	4265	120, 208, 240, 277, 347, 480, 600	1	1530 / 60-5/16	8.3 / 18.2
AF6F615	1500	5118	120, 208, 240, 277, 347, 480, 600	1	1835 / 72-5/16	10 / 22
AF6F717	1750	5971	208, 240, 277, 347, 480, 600	1	2140 / 84-5/16	11.9 / 26
AF6F820	2000	6824	208, 240, 277, 347, 480, 600	1	2445 / 96-5/16	13.8 / 30.5
AF6F922	2250	7677	208, 240, 277, 347, 480, 600	1	2750 / 108-5/16	16 / 35
AF6F025	2500	8530	208, 240, 277, 347, 480, 600	1	3054 / 120-5/16	18.3 / 40

## Average Watt Density – 200W/ft

AF6F204	400	1364	120, 208, 240	1	616 / 24-5/16	3.9 / 8.5
AF6F306	600	2046	120, 208, 240, 347	1	921 / 36-5/16	5.2 / 11.5
AF6F408	800	2728	120, 208, 240, 277, 347, 480, 600	1	1223 / 48-5/16	6.6 / 14.6
AF6F510	1000	3410	120, 208, 240, 277, 347, 480, 600	1	1530 / 60-5/16	8.3 / 18.2
AF6F612	1200	4092	120, 208, 240, 277, 347, 480, 600	1	1835 / 72-5/16	10 / 22
AF6F714	1400	4774	120, 208, 240, 277, 347, 480, 600	1	2140 / 84-5/16	11.9 / 26
AF6F816	1600	5459	208, 240, 277, 347, 480, 600	1	2445 / 96-5/16	13.8 / 30.5
AF6F918	1800	6142	208, 240, 277, 347, 480, 600	1	2750 / 108-5/16	16 / 35
AF6F020	2000	6824	208, 240, 277, 347, 480, 600	1	3054 / 120-5/16	18.3 / 40

## Low Average Watt Density – 150W/ft

AF6F203	300	1023	120, 208	1	616 / 24-5/16	3.9 / 8.5
AF6F304	450	1535	120, 208, 240, 347	1	921 / 36-5/16	5.2 / 11.5
AF6F406	600	2046	120, 208, 240, 277, 347, 480	1	1223 / 48-5/16	6.6 / 14.6
AF6F507	750	2558	120, 208, 240, 277, 347, 600	1	1530 / 60-5/16	8.3 / 18.2
AF6F609	900	3069	120, 208, 240, 277, 347, 480, 600	1	1835 / 72-5/16	10 / 22
AF6F710	1050	3581	120, 208, 240, 277, 347, 480, 600	1	2140 / 84-5/16	11.9 / 26
AF6F812	1200	4092	120, 208, 240, 277, 347, 480, 600	1	2445 / 96-5/16	13.8 / 30.5
AF6F913	1350	4606	120, 208, 240, 277, 347, 480, 600	1	2750 / 108-5/16	16 / 35
AF6F015	1500	5118	120, 208, 240, 277, 347, 480, 600	1	3054 / 120-5/16	18.3 / 40

1. Specify desired voltage, finish and control option from tables
2. For bottom inlet version replace "F" in Cat. No. with "B"
3. Endcaps are included with heaters
4. Consult factory for custom finish requirements

## Control Options (factory installed)

Cat. No.	Description
A1	Built-in SP tamperproof thermostat 120 - 600V
A2	Built-in DP tamperproof thermostat 120 - 600V
A4	Built-in 24V low voltage relay 120 - 600V
A5	Built-in 24V low voltage relay and transformer 120 - 600V
A8	Built-in disconnect switch, rated 277V/20A
B1	Built-in SP tamperproof thermostat and disconnect
B2	Built-in DP tamperproof thermostat and disconnect
D1	Built-in low voltage relay and disconnect
D2	Built-in low voltage relay / transformer and disconnect
F1	Built-in SP adjustable thermostat 120 - 600V (side mounted)
F2	Built-in DP adjustable thermostat 120 - 600V (side mounted)
F3	Built-in SP adjustable thermostat and disconnect
F4	Built-in DP adjustable 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


## Voltage Selection

Code	Voltage	Phase
11	120	1
21	208	1
31	240	1
41	277	1
51	347	1
71	480	1
81	600	1

## 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

## Cabinet Features

Code	Description
W	Pedestal and finished painted back
S	Finished painted back

Note: Add "S" or "W" to the end of the Cat. No.

## Accessories\* (field installed)

Cat. No.	Description
ALF6IC90	Inside 90 degree corner
ALF6OC90	Outside 90 degree corner
Filler Sections	Consult factory for available sizes

\* Note: Specify "Finish Selection" code (see chart above) when ordering accessories.

## Pedestal Options\*

Cat. No.	Description
ALPKS2	Pedestal kit for units up to 4' length (2 pedestals included)
ALPKS3	Pedestal kit for units above 4' length (3 pedestals included)

\* Note: Specify "Finish Selection" code (see chart above) when ordering accessories.