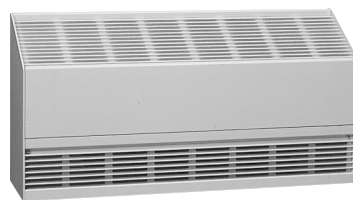


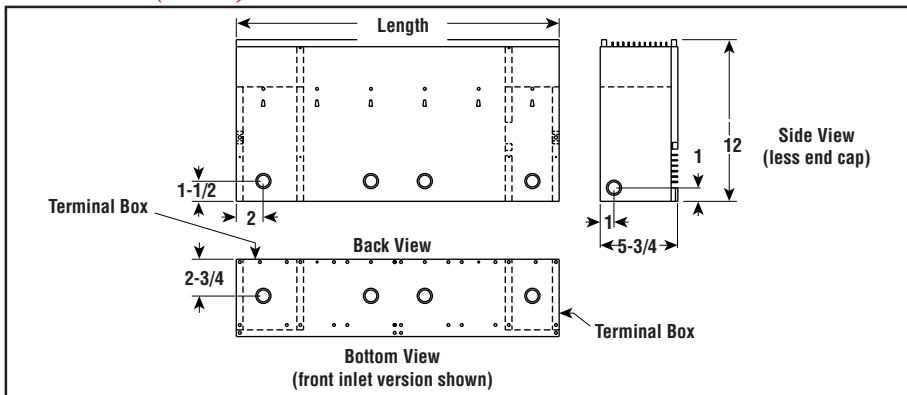
CCAS-12

Architectural Slope Top Convection Heater



- 1,125 - 6,000 Watts
- 5,118 - 15,354 Btuh
- 208, 240, 277 and 480 Volt
- 1 & 3 Phase
- 24.3 - 96.3" Lengths
- 562 or 750 W/Ft.

Dimensions (Inches)



Applications

Ideally suited for heavily traveled areas such as:

- Factory Offices
- Assembly Areas
- Schools
- Laboratories
- Corridors
- Public Areas (hotels, etc.)
- Stairwell Landings

Construction

Standard Finishes — White or Almond painted finish is hybrid polyester epoxy powder coat. Clear and Bronze 40 are anodized aluminum finishes.

Front and Slope Surface is constructed of 14 gauge extruded aluminum 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.

Stainless Steel Sheath encloses a nickel chromium element compacted in a mineral insulation. Aluminum fins are positively staked to the surface and provide superior heat transfer.

Choice of Cold Air Intake, front or bottom.

Custom — Contact your Local Chromalox Sales office.

Features

Full Length Thermal Protection.

Floating Element Suspension Minimizes Expansion Noise.

Built-in Wireway for Continuous Installation.

Optional Built-in Tamperproof Thermostat Controls may be mounted in either the left or right hand terminal box. Built-in low voltage relays or contactors, if specified, are located in the right hand terminal box. Power connection can be made at either end of the heater.

Advantages

- Advanced Architectural Styling
- Sloped Top Prevents Storage Shelf Usage
- Easy Mounting and Wiring
- Low Noise
- Safer Operation Under Most Conditions

Specifications and Ordering Information

| Electrical | | | | | Dimensions (In.) | | | Ordering | | Wt. (Lbs.) |
|------------|-------|-------|------|--------|------------------|--------|-------|-------------|-------|------------|
| Volts | Phase | Watts | Amps | Btuh | Height | Length | Depth | Model | Stock | |
| 208 | 1 | 1,125 | 5.4 | 3,838 | 12 | 24.3 | 5.75 | CCAS-12F211 | NS | 19 |
| 208 | 3 | 1,125 | 3.1 | 3,838 | 12 | 24.3 | 5.75 | CCAS-12F211 | NS | 19 |
| 240 | 1 | 1,125 | 4.7 | 3,838 | 12 | 24.3 | 5.75 | CCAS-12F211 | NS | 19 |
| 277 | 1 | 1,125 | 4.1 | 3,838 | 12 | 24.3 | 5.75 | CCAS-12F211 | NS | 19 |
| 208 | 1 | 1,500 | 7.2 | 5,118 | 12 | 24.3 | 5.75 | CCAS-12F215 | NS | 19 |
| 208 | 3 | 1,500 | 4.2 | 5,118 | 12 | 24.3 | 5.75 | CCAS-12F215 | NS | 19 |
| 240 | 1 | 1,500 | 6.3 | 5,118 | 12 | 24.3 | 5.75 | CCAS-12F215 | NS | 19 |
| 277 | 1 | 1,500 | 5.4 | 5,118 | 12 | 24.3 | 5.75 | CCAS-12F215 | NS | 19 |
| 480 | 3 | 1,500 | 1.8 | 5,118 | 12 | 24.3 | 5.75 | CCAS-12F215 | NS | 19 |
| 208 | 1 | 1,687 | 8.1 | 5,756 | 12 | 36.3 | 5.75 | CCAS-12F316 | NS | 24 |
| 208 | 3 | 1,687 | 4.7 | 5,756 | 12 | 36.3 | 5.75 | CCAS-12F316 | NS | 24 |
| 240 | 1 | 1,687 | 7 | 5,756 | 12 | 36.3 | 5.75 | CCAS-12F316 | NS | 24 |
| 277 | 1 | 1,687 | 6.1 | 5,756 | 12 | 36.3 | 5.75 | CCAS-12F316 | NS | 24 |
| 480 | 3 | 1,687 | 2 | 5,756 | 12 | 36.3 | 5.75 | CCAS-12F316 | NS | 24 |
| 208 | 1 | 2,250 | 10.8 | 7,677 | 12 | 48.3 | 5.75 | CCAS-12F422 | NS | 29 |
| 208 | 3 | 2,250 | 6.3 | 7,677 | 12 | 48.3 | 5.75 | CCAS-12F422 | NS | 29 |
| 240 | 1 | 2,250 | 9.3 | 7,677 | 12 | 48.3 | 5.75 | CCAS-12F422 | NS | 29 |
| 277 | 1 | 2,250 | 8.1 | 7,677 | 12 | 48.3 | 5.75 | CCAS-12F422 | NS | 29 |
| 480 | 3 | 2,250 | 2.7 | 7,677 | 12 | 48.3 | 5.75 | CCAS-12F422 | NS | 29 |
| 208 | 1 | 3,000 | 14.4 | 10,236 | 12 | 48.3 | 5.75 | CCAS-12F430 | NS | 29 |
| 208 | 3 | 3,000 | 8.3 | 10,236 | 12 | 48.3 | 5.75 | CCAS-12F430 | NS | 29 |
| 240 | 1 | 3,000 | 12.5 | 10,236 | 12 | 48.3 | 5.75 | CCAS-12F430 | NS | 29 |
| 277 | 1 | 3,000 | 10.8 | 10,236 | 12 | 48.3 | 5.75 | CCAS-12F430 | NS | 29 |
| 480 | 3 | 3,000 | 3.6 | 10,236 | 12 | 48.3 | 5.75 | CCAS-12F430 | NS | 29 |
| 208 | 1 | 3,375 | 16.2 | 11,515 | 12 | 72.3 | 5.75 | CCAS-12F633 | NS | 39 |
| 208 | 3 | 3,375 | 9.4 | 11,515 | 12 | 72.3 | 5.75 | CCAS-12F633 | NS | 39 |
| 240 | 1 | 3,375 | 14.1 | 11,515 | 12 | 72.3 | 5.75 | CCAS-12F633 | NS | 39 |
| 277 | 1 | 3,375 | 12.2 | 11,515 | 12 | 72.3 | 5.75 | CCAS-12F633 | NS | 39 |
| 480 | 3 | 3,375 | 4.1 | 11,515 | 12 | 72.3 | 5.75 | CCAS-12F633 | NS | 39 |
| 208 | 1 | 4,500 | 21.6 | 15,354 | 12 | 72.3 | 5.75 | CCAS-12F645 | NS | 39 |
| 208 | 3 | 4,500 | 12.5 | 15,354 | 12 | 72.3 | 5.75 | CCAS-12F645 | NS | 39 |
| 240 | 1 | 4,500 | 18.8 | 15,354 | 12 | 72.3 | 5.75 | CCAS-12F645 | NS | 39 |
| 277 | 1 | 4,500 | 16.2 | 15,354 | 12 | 72.3 | 5.75 | CCAS-12F645 | NS | 39 |
| 480 | 3 | 4,500 | 5.4 | 15,354 | 12 | 72.3 | 5.75 | CCAS-12F645 | NS | 39 |

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Architectural Slope Top Convection Heater

(cont'd.)

Specifications and Ordering Information

| Electrical | | | | | Dimensions (In.) | | | Ordering | | Wt. (Lbs.) |
|------------|-------|-------|------|--------|------------------|--------|-------|-------------|-------|------------|
| Volts | Phase | Watts | Amps | Btuh | Height | Length | Depth | Model | Stock | |
| 208 | 1 | 4,500 | 21.6 | 15,354 | 12 | 96.3 | 5.75 | CCAS-12F845 | NS | 49 |
| 208 | 3 | 4,500 | 12.5 | 15,354 | 12 | 96.3 | 5.75 | CCAS-12F845 | NS | 49 |
| 240 | 1 | 4,500 | 18.8 | 15,354 | 12 | 96.3 | 5.75 | CCAS-12F845 | NS | 49 |
| 277 | 1 | 4,500 | 16.2 | 15,354 | 12 | 96.3 | 5.75 | CCAS-12F845 | NS | 49 |
| 480 | 3 | 4,500 | 5.4 | 15,354 | 12 | 96.3 | 5.75 | CCAS-12F845 | NS | 49 |
| 208 | 1 | 6,000 | 28.8 | 20,472 | 12 | 96.3 | 5.75 | CCAS-12F860 | NS | 49 |
| 208 | 3 | 6,000 | 16.7 | 20,472 | 12 | 96.3 | 5.75 | CCAS-12F860 | NS | 49 |
| 240 | 1 | 6,000 | 25 | 20,472 | 12 | 96.3 | 5.75 | CCAS-12F860 | NS | 49 |
| 277 | 1 | 6,000 | 21.7 | 20,472 | 12 | 96.3 | 5.75 | CCAS-12F860 | NS | 49 |
| 480 | 3 | 6,000 | 7.2 | 20,472 | 12 | 96.3 | 5.75 | CCAS-12F860 | NS | 49 |

Stock Status: S = stock AS = assembly stock NS = non-stock
To Order—Specify model, watts, volts, phase and quantity.

Ordering Information

To Order —
 Complete the Model Number using the Matrix provided.

Model Architectural Slope Top Convection Heater

CCAS-12

Code Inlet

F Front
B Bottom

Code Length (Ft.)

2 = 2
3 = 3
4 = 4
6 = 6
8 = 8

Code Wattage (see table)

Code Voltage/Phase

21 208/1 **33** 240/3
23 208/3 **41** 277/1
31 240/1 **73** 480/3

Code Finish

| Painted | | Anodized | |
|------------------|--|------------------|--|
| 68 Almond | | 07 Bronze | |
| 02 White | | 10 Clear | |

Code Control Options (factory installed)

A9 Built-in DP tamperproof hydraulic thermostat 208 - 277V
A3 Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208 - 480V
A4 Built-in 24V low voltage relay for 1P voltages 208 - 277V
A5 Built-in 24V low voltage relay and transformer for 1P voltages 208 - 277V
A6 Built-in 24V contactor for 3P voltages 208 - 480V
A7 Built-in 24V contactor and transformer for 3P voltages 208 - 480V
A8 Built-in disconnect switch, rated 277V @ 20A
B9 Built-in DP tamperproof thermostat and disconnect
B3 Built-in 3P tamperproof thermostat and disconnect

CCAS-12 B 2 15 21 68 A9 Typical Model Number

Accessories (Field Installed)

ALPKM2 — Pedestal kit for units up to 4 feet in length (2 pedestals included)

ALPKM3 — Pedestal kit for units above 4 feet in length (3 pedestals included)

ALS12IC90 — Inside 90 degree corner

ALS12OC90 — Outside 90 degree corner

Filler Sections — Contact your Local Chromalox Sales office for available sizes.