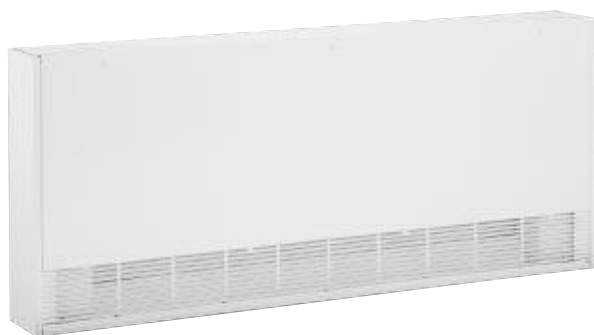


Architectural Convector Architectural Sloped Top Convector



CAI



CASI

The CAI/CASI convectors are designed to heat large commercial spaces. They provide large amounts of heat without the fan noise associated with unit heaters.

- **Installation Options:** Units may be mounted to the wall, flush on the floor or on pedestals. CAI units can be fully recessed when the front warm air outlet option is used.
- **Added Safety:** The sloped-top cabinet on the CASI prevents objects from being set on top of the heater, which can restrict airflow and cause overheating.
- **Wall-to-Wall Installation:** A finished back mounting plate is available so that the unit can be mounted against glass walls to prevent cold downdrafts.

Applications

- Classrooms
- Conference Rooms
- Hallways
- Lobbies

Standard Construction Features

Heating Elements – Carbon steel elements with aluminum fins float on high temperature nylon bushings for quiet operation. Stainless steel elements with aluminum fins on elements rated 1,500 watts and above. Average watt density is 1,000 W/ft (3,280 W/m). Low watt density elements of 750 W/ft (2,460 W/m) are also available.

Housing – Cabinet is constructed of 20-gauge steel with a 16-gauge steel front cover. The unit has an epoxy-polyester powder paint finish in white or almond. Mounting holes are provided along the back of the cabinet for wall installation.

Inlet/Outlet Grilles – The fresh air inlet grille is located on the front of the unit. An extruded aluminum outlet grille discourages tampering with the heating elements.

Built-in Controls – Linear limit, automatic reset thermal cutout.

Architectural Convactor Architectural Sloped Top Convactor

Factory Built-in Options

Code	Description
D1	Disconnect Switch, Three-pole, 600V, 40 Amp
F	Front Air Outlet (CAI Only)
R1	24V Relay, 240V, 22 Amp; 277V, 19 Amp
R2	24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp
R3	24V Double-pole Relay, 240V, 22 Amp; 277V, 19 Amp
R4	240V Relay, Single-pole, 240V, 22 Amp
R5	240V Double-pole Relay, 240V, 22 Amp
R6	Pneumatic Relay, 480V, 25 Amp
S	Smooth Finish on Heater Back
T1	Tamperproof Thermostat, Single-pole, 240V, 30 Amp
T2	Tamperproof Thermostat, Double-pole, 480V, 15 Amp (2)
X1	240V Transformer – 50 VA
X2	24V Transformer – 50 VA

(2) Use with three-phase heaters.

Remote Room Thermostat – See page 96

Field-Installed Options

(shipped loose for field installation into heater)

Catalog Number	Description	
912-124546(1)	Corner (interior and exterior)	
912-124547	Round Pedestal Kit	3-4" High
912-124548	Sub Base Heater Length In. (mm)	27.2 (690)
912-124549		37.2 (944)
912-124550		47.2 (1198)
912-124551	Recessed Trim Kit Heater Length In. (mm)	57.2 (1452)
912-124552		65.2 (1655)
912-124553		27.2 (690)
912-124554	Filler Section Length In. (mm)	37.2 (944)
912-124555		47.2 (1198)
912-124556		57.2 (1452)
912-124557	Control Box Heater Length In. (mm)	65.2 (1655)
912-124558(1)		12 (305)
912-124559(1)		24 (610)
912-124560(1)		36 (914)
912-124561(1)	24V Relay Kit, Single-pole, 240V, 22 Amp; 277V, 19 Amp	12 (305)
912-124562	24V Relay Kit, Double-pole, 240V, 22 Amp; 277V, 19 Amp	
912-124563	240V Relay Kit, Single-pole, 240V, 22 Amp	
912-124564	240V Relay Kit, Double-pole, 240V, 22 Amp	
912-124565	24V Relay Kit with Transformer, 208V, 22 Amp	
912-124566	24V Relay Kit with Transformer, 240V, 22 Amp	
912-124567	24V Relay Kit with Transformer, 277V, 19 Amp	
912-124568	Transformer Kit -208/24V – 50 VA	
912-124569	Transformer Kit-240/24V – 50 VA	
912-124570	Transformer Kit-277/24V – 50 VA	
912-124571		

(1) Change 912 prefix to 911 for CASI.

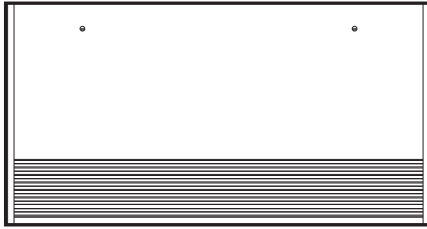
Standard colors - Add W for white finish or A for almond finish to the end of part number.

Special or custom colors - See inside back cover for color codes to be added to end of part number.

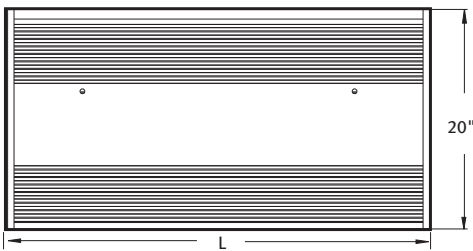
Filler sections can be cut in the field.

Architectural Convactor Architectural Sloped Top Convactor

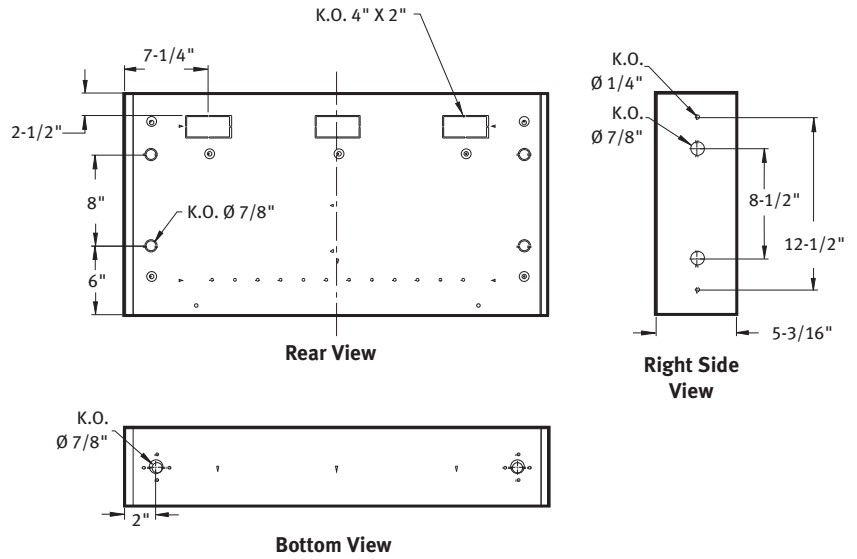
Unit With Grille On Top



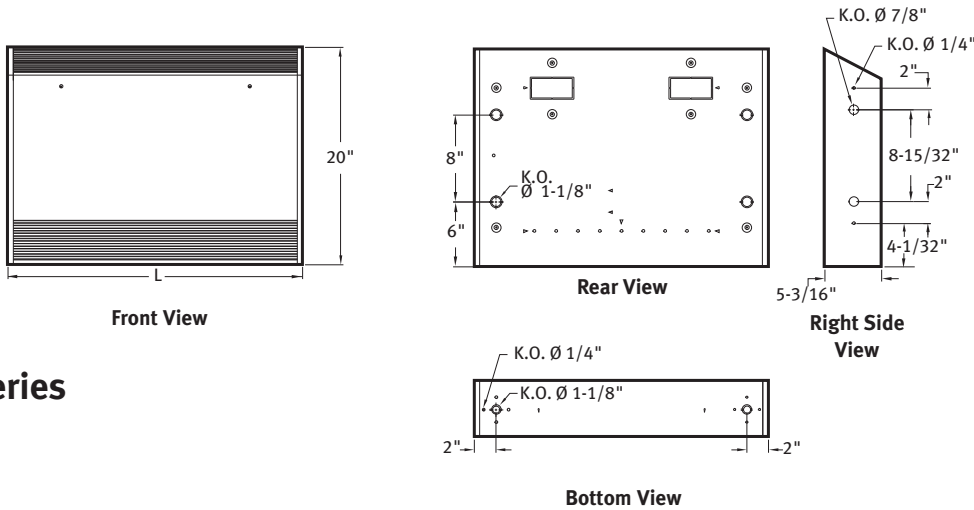
Unit With Grille On Front (Option F)



CAI Series



CASI Series



Architectural Convector Architectural Sloped Top Convector

Architectural Convector/Architectural Sloped Top Convector Heater Listings

Watts	Volts	Phase	Amps	Length In. (mm)	Weight lb (kg)	Catalog Number	
						CAI	CASI
2000	208	1	9.6	27.2 (690)	37 (17)	912U02000C	911U02000C
	240	1	8.3	27.2 (690)	37 (17)	912U02000J	911U02000J
	208	3	5.6	27.2 (690)	37 (17)	912U02000D	911U02000D
	240	3	4.8	27.2 (690)	37 (17)	912U02000K	911U02000K
	277	1	7.2	27.2 (690)	37 (17)	912U02000N	911U02000N
3000	208	1	14.4	37.2 (944)	47 (21)	912U03000C	911U03000C
	208	3	8.3	37.2 (944)	47 (21)	912U03000D	911U03000D
	240	1	12.5	37.2 (944)	47 (21)	912U03000J	911U03000J
	240	3	7.2	37.2 (944)	47 (21)	912U03000K	911U03000K
	277	1	10.8	37.2 (944)	47 (21)	912U03000N	911U03000N
4000	208	1	19.2	47.2 (1198)	57 (26)	912U04000C	911U04000C
	208	3	11.1	47.2 (1198)	57 (26)	912U04000D	911U04000D
	240	1	16.7	47.2 (1198)	57 (26)	912U04000J	911U04000J
	240	3	9.6	47.2 (1198)	57 (26)	912U04000K	911U04000K
	277	1	14.4	47.2 (1198)	57 (26)	912U04000N	911U04000N
5000	208	1	24.0	57.2 (1452)	67 (30)	912U05000C	911U05000C
	208	3	13.9	57.2 (1452)	67 (30)	912U05000D	911U05000D
	240	1	20.8	57.2 (1452)	67 (30)	912U05000J	911U05000J
	240	3	12.0	57.2 (1452)	67 (30)	912U05000K	911U05000K
	277	1	18.1	57.2 (1452)	67 (30)	912U05000N	911U05000N
6000	208	1	28.8	65.2 (1655)	79 (36)	912U06000C	911U06000C
	208	3	16.7	65.2 (1655)	79 (36)	912U06000D	911U06000D
	240	1	25.0	65.2 (1655)	79 (36)	912U06000J	911U06000J
	240	3	14.4	65.2 (1655)	79 (36)	912U06000K	911U06000K
	277	1	21.7	65.2 (1655)	79 (36)	912U06000N	911U06000N

Other voltages available. Consult factory.

Standard colors - Add W for white finish or A for almond finish to the end of catalog number.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number.

For three-phase units a double pole relay or thermostat is required.