Product Specifications

Contractor shall supply and install heavy duty ceiling mounted forced air electric heater(s) of the wattage, voltage and phase as indicated on the plans. The heater shall so be designed to provide an even distribution of heated air to the space to be heated by drawing return air in the periphery of the heater, across and through the element and be discharged from the center section of the heater by mean of an electric motor and axial flow fan blade.

Motor: Motor shall be permanent lubricated, unit bearing, totally enclosed shaded pole type with impedance protection. Motors shall operate at no more than 1300 RPM and shall be same voltage as the heater.

Performance: Heaters shall have a rating of 425 CFM at 710 F.P.M. with a maximum temperature rise of 44°F and 63.9 DB RE 10^{12} Watt.

Element: Element assemblies shall consist of two or three corrosion resistant steel sheathed type elements mechanically bonded to common corrosion resistant steel fins. Each sheathed element shall consist of helically coiled Nickel Chromium alloy resistant wire completely embedded in and surrounded by Magnesium Oxide, enclosed and wedged into corrosion resistant steel sheaths. Elements shall have 2" cold conductor pins extending into sheath and shall have a density of no more than 60 watts per inch.

Thermal Overload: Heaters shall be equipped with a "manual reset" thermal overload which disconnects elements and motor in the event normal operating temperatures are exceeded. For safety, if opened due to abnormal temperature, thermal overload shall remain open until manually reset. Automatic reset thermal overloads which allow the element to continue to cycle under abnormal conditions will not be accepted.

Approval: Heaters shall be ETL listed.

Commercial and Institutional Applications: Use in - vestibules, entrance ways, lobbies, rest rooms and small office and guard building applications.

Standard Models

UPC# 686334	MODEL	KW	BTU'S	VOLTS	PH	AMPS	TEMP RISE	LIST
367516	F3472	2	6826	208	1	9.6	15 °F	1334
367530	H3472			240		8.3		
367523	G3472			277		7.2		
324335	P3472A1			480		4.2		1460
470155	J3472	2	6826	208	3	5.6		1431
470162	K3472			240		4.8		
470223	Y3472A1			480		2.4		1557
367547	F3473	3	10200	208	1	14.4	22 °F	1366
367561	H3473			240		12.5		
367554	G3473			277		10.8		
324342	P3473A1			480		6.3		1490
323864	J3473	3	10200	208	3	8.3		1463
470179	K3473			240		7.2		
470230	Y3473A1			480		3.6		1587
367578	F3474	4	13600	208	1	19.2	30 °F	1366
367592	H3474			240		16.8		
367585	G3474			277		14.4		
324359	P3474A1			480		8.3		1490
367608	J3474			208	3	11.1		1475
367837	K3474			240		9.7		
324366	Y3474A1			480		4.8		1601
367615	F3475	5	17000	208	1	24.1	37 °F	1532
367639	H3475			240		20.8		
367622	G3475			277		18.1		
324373	P3475A1			480		10.4		1665
367646	J3475			208	3	13.9		1626
367844	K3475			240		12.1		
324380	Y3475A1			480		6.1		1755
International Models								
470919	M3472T2i	2	6826	220	1	9.1	15 °F	1334
470926	N3472T2i			240		8.3		
470933	M3473T2i	3	10200	220		13.6	22 °F	1366
470940	N3473T2i			240		12.5		
470957	M3474T2i	4	13600	220		18.2	30 °F	1366
470964	N3474T2i			240		16.7		

*Optional Adjustable Louver Diffuser - $91 Adder

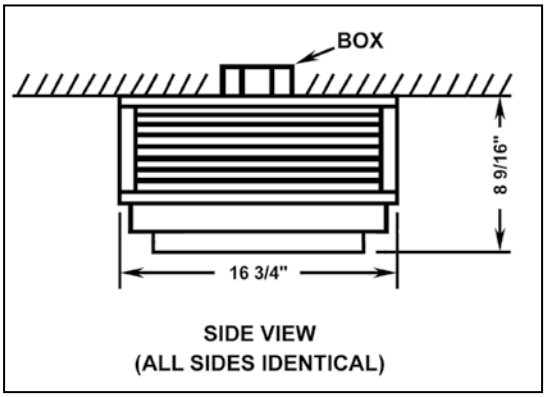
Factory Installed Control Sections

SUFFIX	UNITS	DESCRIPTION	LIST
TS	1-Phase	Single Pole Thermostat - range 40°-110°F and Disconnect Switch	265
TA1S	3-Phase	Single Pole Thermostat - range 40°-110°F & Transformer with 24V Secondary and 24V Relay & Disconnect Switch	277
A1S	1 or 3 Phase	Transformer with 24V Secondary and 24V Relay and Disconnect Switch	283
T	Single Pole (480V only)		95



Manufactured in U.S.A.

Product Dimensions



SIDE VIEW
(ALL SIDES IDENTICAL)

Wall Mounted Control Panels

UPC# 686334	MODEL	VOLTS	CONTACTORS	BOX SIZE	LIST
605700	AF3401-24	208	1 @ 35 AMPS	12" x 12" x 4 1/2"	360
605793	AH3401-24	240			
605854	AG3401-24	277			
605748	AF3402-24	208	2 @ 35 AMPS	15" x 15" x 4 1/2"	450
605786	AH3402-24	240			
605847	AG3402-24	277			
605731	AF3403-24	208	3 @ 35 AMPS	18" x 18" x 4 1/2"	600
605779	AH3403-24	240			
605830	AG3403-24	277			

Notes

Optional controls must be factory installed. Field installation is not acceptable and violates Listing and factory warranty.

Factory installed control sections add 2-5/16" to the height of the unit.

Wall mounted control panels may control multiple units but cannot be used if In-Built controls are selected.

480V units include 24V transformer and relay as standard (A1) - only TS option control section can be added. Depth dimension of all 480V models is 10-7/8"

Degree F air rise is measured at 710 F.P.M. and 425 CFM. Throw designed for 8 to 12 foot ceilings. db RE 10^{-12} Watt=63.9

Unit weight: 32 lbs.

Recommended Remote Thermostats:

Line Voltage:	Single Phase 208-240V	ET5DS
	Single Phase 277V	ET5SS
	Three Phase	TW1512
Low Voltage:		UT1001