

# 3470 Series Commercial Fan Forced Surface Mounted Ceiling Heater

## Product Specifications

**CONSTRUCTION:** Made in U.S.A.

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 600 CFM at 1,000 F.P.M. with a maximum temperature rise of 44°F and 63.9 DB RE 10<sup>12</sup> Watt.

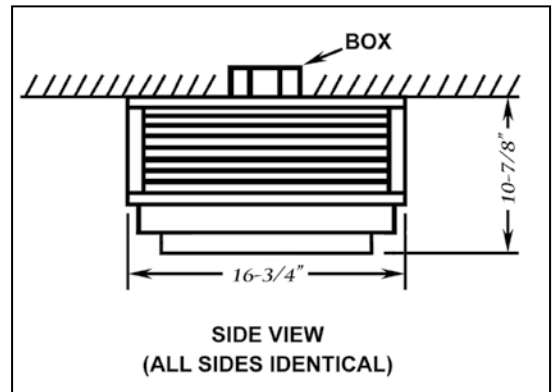
**ELEMENT:** Element assemblies shall consist of two or three corrosion resistant steel sheathed type elements mechanically bonded to common corrosion resistant steel fins. Each sheathed element shall consist of helically coiled Nickel Chromium alloy resistant wire completely embedded in and surrounded 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.

**COMMERCIAL AND INSTITUTIONAL APPLICATIONS:** Use in - vestibules, entrance ways, lobbies, rest rooms and small office and guard building applications.



## Product Dimensions



## Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	TEMP RISE	
03982602	F3472A1	2	6826	208	1	9.6	15 °F	
03982702	H3472A1			240		8.3		
03982802	G3472A1			277		7.2		
03243302	P3472A1			480		4.2		
03983702	J3472A1	2	6826	208	3	5.6		
03983802	K3472A1			240		4.8		
04702202	Y3472A1			480		2.4		
03810602	F3473A1			208		14.4		
03982902	H3473A1	3	10200	240	1	12.5	22 °F	
03983002	G3473A1			277		10.8		
03243402	P3473A1			480		6.3		
03983902	J3473A1			208		8.3		
03984002	K3473A1	3	10200	240	3	7.2		
04702302	Y3473A1			480		3.6		
03983102	F3474A1			208		19.2		
03983202	H3474A1			240		16.8		
03983302	G3474A1	4	13600	277	1	14.4	30 °F	
03243502	P3474A1			480		8.3		
03984102	J3474A1			208		11.1		
03984202	K3474A1			240		9.7		
03243602	Y3474A1	5	17000	480	3	4.8		
03983402	F3475A1			208		24.1		
03983502	H3475A1			240		20.8		
03983602	G3475A1			277		18.1		
03243702	P3475A1	5	17000	480	1	10.4	37 °F	
03984302	J3475A1			208		13.9		
03984402	K3475A1			240		12.1		
03243802	Y3475A1			480		6.1		
International Models								
04709102	M3472T2i	2	6826	220	1	9.1	15 °F	
04709202	N3472T2i			240		8.3		
04709302	M3473T2i	3	10200	220	1	13.6	22 °F	
04709402	N3473T2i			240		12.5		
04709502	M3474T2i	4	13600	220	1	18.2	30 °F	
04709602	N3474T2i			240		16.7		

## Notes

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

Degree F air rise is measured at 1,000 F.P.M. and 600 CFM. Throw designed for 8 to 12 foot ceilings. db RE 10<sup>-12</sup> Watt=63.9

Unit weight: 32 lbs.

Recommended Remote Thermostats:  
Low Voltage: UT1001

Maximum mounting is 12'

## Factory Installed Control Sections

SUFFIX	DESCRIPTION	
S	Disconnect Switch	
T	Single Pole (480V only)	
RELAYS FOR FIELD SUPPLIED NIGHTLY SETBACK		
R	Relay Control Voltage Same as Heater (control voltage field supplied)	
R1	Relay 24V Control Voltage (control voltage field supplied)	
R2	Relay 120V Control Voltage (control voltage field supplied)	

\*Optional Adjustable Louver Diffuser

Note: When relay for the field is supplied, night setback is built into the heater. The A1 option is replaced by this relay to be controlled by building supplied voltage to the relay.