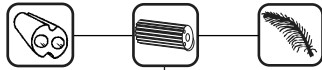


CABINET HEATER

KCF
SERIES

FAN FORCED - 2000 WATTS TO 5000 WATTS



FEATURES:

- Ceramic Element
- Squirrel Cage Blower
- Quiet Running
- 18 Gauge Cabinet
- Aluminum Fin Element
- 1 or 3 Phase
- Powder Coated
- Standard Color - Almond
- Capillary tube limit turns the element off when an over temperature condition occurs and automatically resets when the normal temperature returns.
- Optional 1-Pole or 2-Pole unit mount thermostat 45°-90°
- Optional Tamper Proof Thermostat
- Optional Floor Base
- Optional Terminal Block
- Optional Contactor
- Optional Heat/Fan/Off Switch
- Optional Power Disconnect

ENGINEERING SPECIFICATIONS:

Contractor shall supply and install, KCF-Series cabinet heaters, manufactured by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

Construction: Heaters shall be constructed in 18 gauge galvanized steel with epoxy powder coated manufactures standard finish. A louvered front cover with intake and outlet grill will protect element area and provide ample air flow to disappait heated air.

Element: The element will be constructed with aluminum fins and a 7/8 OD center tube. A fired refractory ceramic core with two large diameter nickel chromium coils attached with high temperature nickel connectors and stranded nickel wire and terminated in a junction box.

Controls: A built-in thermal cut out shall automatically shut off the heater in case of over heating. A built-in thermostat for temperature control will have a range from 40°-95°F and be of the high accuracy capillary tube type. Disconnect switches in junction box will be provided if necessary.

Blower and Motor: A tangential cylindrical blower, delivering 70 CFM, shall be driven by a shaded pole, permanently lubricated, C-frame type motor with impedance protection and sealed bearings. Motors shall be the same voltage as the heater.



The KING versatile cabinet heater has virtually unlimited applications. They make it easy to provide commercial, industrial and institutional buildings with all the advantages of clean electric heat.

They are ideal for use in schools, offices, air terminals, auditoriums, apartments, restaurants, churches, factories, theaters, and other locations where pleasing appearance is an important consideration.

It is available for recessed or surface mounting on the wall and has an optional subbase for floor surface installation.

The compact cabinet, long operating life of the efficient heating elements and the whisper-quiet operation make this unit the ideal choice for your application.

An optional built-in thermostat to permit easy and inexpensive installation of the heater package is also available.

This thermostat can be made tamper proof behind the grill for installations in lobbies, halls, entrance foyers, and in similar applications to avoid temperatures being changed where a high volume of people will be present and have view with the heater.

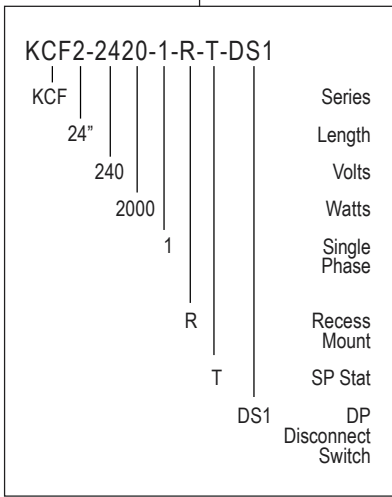
CONTROL OPTIONS:

Optional manual disconnect switch DPST rated 20 amps, 277 Volts, AC; factory installed on 4" x 4" junction box shall provide tamper-resistant means of disconnecting individual heater power circuit for service of temporary shutdown. Optional comfort control SPST thermostat with adjustment range between 55 to 85°F factory installed in cabinet. Tamper Proof adjustment shall be by inserting narrow-blade screwdriver through access hole by removing plug on front cover. The thermostat shall provide a tamper resistant temperature control of cabinet with sufficient accuracy for corridor, stairwell, rest room or smaller entry way applications. Enclosure shall be chemically treated to resist corrosion and finished in neutral powder coat finish. Finish shall be mar and temperature resistant to retain appearance throughout years of usage.

KCF SELECTION/DATA:

IN STOCK	WATTAGE	240V	PHASE	BTUH (000)	RECESS OR SURFACE MOUNT	*AMPS		NO. OF BLOWERS	CFM	CABINET SIZE	WT. (lbs)
		MODEL				1-PHASE	3-PHASE				
	2000	KCF2-2420-1	1	6.8	Add Suffix:	8.3		1	70	24"	35
		KCF2-2420-3	3				4.8				
	3000	KCF3-2430-1	1	10.2	R - Recess Mount	12.5		2	140	36"	45
		KCF3-2430-3	3				7.2				
	4000	KCF4-2440-1	1	13.6	OR	16.7		3	210	48"	55
		KCF4-2440-3	3				9.6				
	5000	KCF4-2450-1	1	17	S - Surface Mount	20.8		3	210	48"	55
		KCF4-2450-3	3				12				

MODEL CODE:



Standard Color: Almond



KCF SELECTION (MADE TO ORDER):

WATTAGE	VOLT	MODEL	PHASE	BTUH (000)	RECESS OR SURFACE MOUNT	*AMPS		NO. OF BLOWERS	CFM	CABINET SIZE	WT. (lbs)
						1-PHASE	3-PHASE				
2000	208	KCF2-2020-	Add Suffix:	6.8	Add Suffix:	9.6	5.6	1	70	24"	35
	240	KCF2-2420-				8.3	4.8				
	277	KCF2-2720-				7.2					
	480	KCF2-4820-				4.2	2.4				
3000	208	KCF3-2030-	1 - for Single Phase	10.2	R - Recess Mount	14.4	8.3	2	140	36"	45
	240	KCF3-2430-				12.5	7.2				
	277	KCF3-2730-				10.3					
	480	KCF3-4830-				6.5	3.6				
4000	208	KCF4-2040-	OR	13.6	OR	19.2	11.1	3	210	48"	55
	240	KCF4-2440-				16.7	9.6				
	277	KCF4-2740-				14.4					
	480	KCF4-4840-				8.3	4.8				
5000	208	KCF4-2050-	3 - for Three Phase	17	S - Surface Mount	24.0	13.9	3	210	48"	55
	240	KCF4-2450-				20.8	12.0				
	277	KCF4-2750-				18.0					

DIMENSIONS

