

# CABINET HEATER

**KCC**  
SERIES

CONVECTION - 2000 WATTS TO 5000 WATTS



## FEATURES:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>□ Convection Heat</li> <li>□ Ceramic Element</li> <li>□ Quiet Running</li> </ul>  | <ul style="list-style-type: none"> <li>• resets when the normal temperature returns.</li> <li>• Optional 1-Pole or 2-Pole unit mount thermostat 45°-90°</li> <li>• Optional Tamper Proof Thermostat</li> <li>• Optional Floor Base</li> <li>• Optional Terminal Block</li> <li>• Optional Contactor</li> <li>• Optional Heat/Fan/Off Switch</li> <li>• Optional Power Disconnect</li> </ul> |
| <ul style="list-style-type: none"> <li>• 18 Gauge Cabinet</li> <li>• Aluminum Fin Element</li> <li>• 1 or 3 Phase</li> <li>• Powder Coated</li> <li>• Standard Color - Almond</li> <li>• Capillary tube limit turns the element off when an over temperature condition occurs and automatically</li> </ul> |   |

## ENGINEERING SPECIFICATIONS:

Contractor shall supply and install, KCC-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.

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.

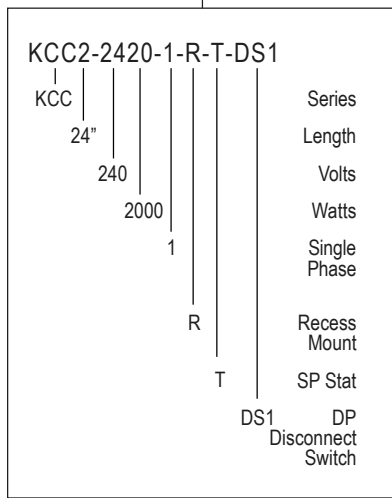
An optional built-in thermostat to permit easy and inexpensive installation of the heater package is also available.

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 of 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.

### MODEL CODE:



Standard Color: Almond



### KCC SELECTION/DATA:

WATTAGE	240V		PHASE	BTUH (000)	RECESS OR SURFACE MOUNT	*AMPS		CABINET SIZE	WEIGHT (lbs)
	MODEL					1-PHASE	3-PHASE		
	2000	KCC2-2420-1				1	6.8		
KCC2-2420-3		3		4.8					
3000	KCC3-2430-1	1	10.2	R - Recess Mount	12.5		36"	40	
	KCC3-2430-3	3				7.2			
4000	KCC4-2440-1	1	13.6	OR	16.7		48"	50	
	KCC4-2440-3	3				9.6			
5000	KCC4-2450-1	1	17	S - Surface Mount	20.8		48"	50	
	KCC4-2450-3	3				12			

### KCC SELECTION (MADE TO ORDER):

WATTAGE	VOLT	MODEL	PHASE	BTUH (000)	RECESS OR SURFACE MOUNT	*AMPS		CABINET SIZE	WEIGHT (lbs)
						1-PHASE	3-PHASE		
2000	208	KCC2-2020-	Add Suffix:	6.8	Add Suffix:	9.6	5.6	24"	30
	240	KCC2-2420-				8.3	4.8		
	277	KCC2-2720-				7.2			
	480	KCC2-4820-				4.2	2.4		
3000	208	KCC3-2030-	1 - for Single Phase	10.2	R - Recess Mount	14.4	8.3	36"	40
	240	KCC3-2430-				12.5	7.2		
	277	KCC3-2730-				10.3			
	480	KCC3-4830-				6.5	3.6		
4000	208	KCC4-2040-	OR 3 - for Three Phase	13.6	OR S - Surface Mount	19.2	11.1	48"	50
	240	KCC4-2440-				16.7	9.6		
	277	KCC4-2740-				14.4			
	480	KCC4-4840-				8.3	4.8		
5000	208	KCC4-2050-		17		24.0	13.9	48"	50
	240	KCC4-2450-				20.8	12.0		
	277	KCC4-2750-				18.0			
	480	KCC4-4850-				10.4	6.0		

### DIMENSIONS

