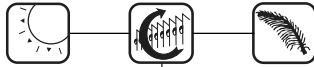


COVE HEATER

KCV
SERIES

CONVECTION - RADIANT



FEATURES:

- Radiant Heat
- Convection Heat
- Quiet Running
- Standard Color - Almond
- Thick Extruded Aluminum Front Panel with a Powder Coated High Temperature Textured Finish
- Ribbed Front for Maximum Surface Radiation
- Junction Box at Each End
- All Knockouts are 7/8" in diameter for 1/2" conduit
- Open Back Design for Maximum Convection Air Flow
- No Moving Parts to Wear Out
- Long Life Elements
- Easy Surface Mount Installation
- Optional 1-Pole or 2-Pole Thermostat mounts in Junction Box

The cove heater is primarily a radiant heater but also produces convection heat by heating the air similar to a baseboard. By combining the quick comfort of radiant heat along with the sustained warmth of convection heat, warm air is uniformly dispersed throughout the room.

this heater is quiet and maintenance free.

Typical uses are day care centers, housing developments, laundry rooms, bathrooms, bedrooms, living rooms, shops or anyplace a heater is needed and placement too low on the wall is inappropriate or soft heat is the preferred choice.

The cove heater is mounted a minimum of 4 inches from the ceiling, keeping it out of the way and eliminating any furniture placement problems. It is much lower in surface temperature than a baseboard or fan heater, making it a very pleasant form of heat similar to older ceiling cable heating systems. With no moving parts,



ENGINEERING SPECIFICATIONS:

Contractor shall supply and install, KCV-series electric cove heaters, manufactured by King Electrical Mfg. Company, of the wattage and voltage as indicated on the plans. The heater shall be designed to provide radiant and convection heat to the space to be heated.

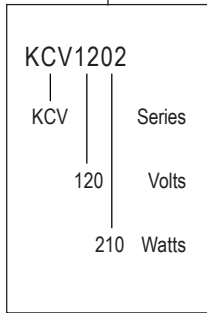
Construction:

- The heaters shall be constructed of extruded aluminum, with a maximum cross section thickness of .962".
- The heater surface shall have a saw-tooth profile to increase radiating surface area.
- The heater shall be open on top and bottom for maximum convection heating of room air.
- The heater shall have a 32 cubic inch junction box at both ends, furnish with 7/8" knockouts on back and top to facilitate 1/2" conduit.
- The heater shall be powder coated with high temperature resistant paint.

- Heater elements shall be of nichrome wire, embedded in magnesium oxide powder, enclosed and sealed in aluminum metal tubing.
- Heater elements shall have wattage density of approximately 150 watts per lineal foot.
- Heaters shall have full length wall can, constructed of 22 gauge electro-galvanized steel, with baked enamel finish.
- Heaters shall be supplied with a one year limited warranty.

Rating and Approval:

- The heaters shall be available in ratings from 250 through 1500 watts at 120 and 208/240 volts.
- Heaters shall be listed and approved by Underwriters' Laboratories.

MODEL CODE:


Standard Color: Almond

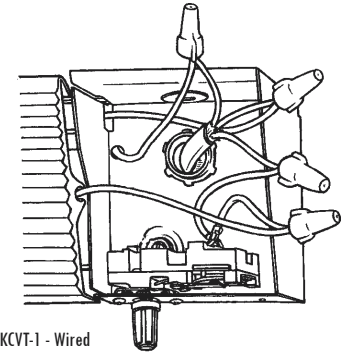
SELECTION:

WATTAGE	120V		240V		LENGTH	WEIGHT (lbs)
	MODEL	UPC #093319 PART NO.	MODEL	UPC #093319 PART NO.		
210	KCV1202	11801			24"	3
420	KCV1204	11800	KCV2404	11824	34"	5
560	KCV1206	11803	KCV2406	11827	47"	7
700	KCV1207	11806	KCV2407	11830	59"	8
840			KCV2409	11833	71"	9
935	KCV1210	11812	KCV2410	11836	83"	11
1125			KCV2412	11839	94"	13
1400			KCV2415	11842	118"	15

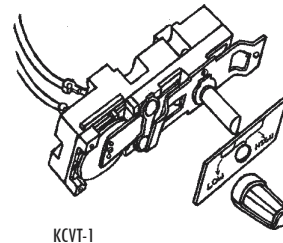
ACCESSORIES:

MODEL	DESCRIPTION	UPC #093319 PART NO.	WEIGHT
KCVT-1	SP STAT KIT	11845	.25
KCVT-2	DP STAT KIT	11848	.25

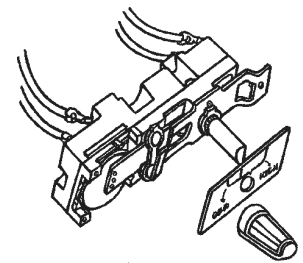
*Remote Wall Mounted Thermostats are recommended for best control



KCVT-1 - Wired

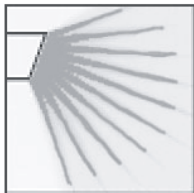


KCVT-1

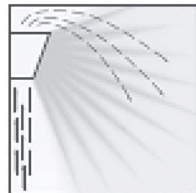


KCVT-2

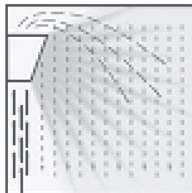
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Radiant

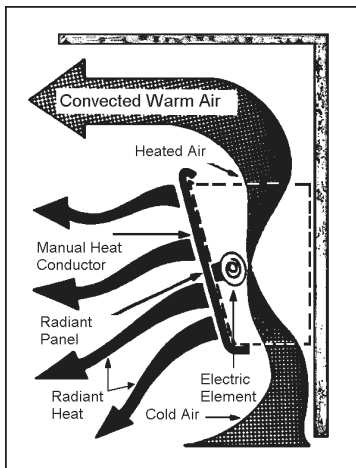
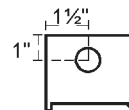
A large portion of the heat produced is emitted as radiant infrared invisible rays.


Convection

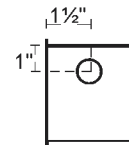
A portion of the heat produced is transmitted by natural convection from the top of the heater.


Re-Radiation

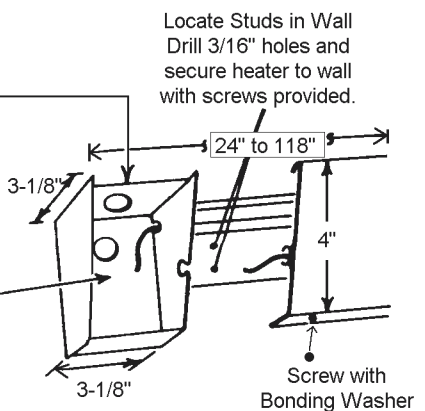
The air heated by convection travels horizontally across the ceiling. It also becomes a source of radiant heat and re-radiates heat throughout the entire room.

DIMENSIONS

TOP VIEW


7/8" K.O. for 1/2" Conduit

BACK VIEW


7/8" K.O. for 1/2" Conduit



Heaters are not to be mounted closer than 2 1/2" minimum (4" recommended) from ceiling. Heaters to be mounted at least 6' (six feet) from floor. If heaters are installed below vinyl or drop ceilings mount unit an additional 2" from ceiling.