

TYPE RCC COVE HEATERS

• RCC Series Cove Heaters can fulfill the requirements of virtually any type residential or commercial heating situation. Individual room control, ease of installation and out-of-the-way mounting make it equally desirable for total or supplemental comfort heating.

• "INFRARED" TYPE HEAT - Radiant heat provides heating comfort in much the same manner as the sun. Heat energy, in a form similar to light rays, travels in a straight line from the heater to the nearest object, where the energy is absorbed and the object becomes warm. Some rays are reflected and strike other objects, warming them also. As objects become warm, the surrounding air picks up heat by conduction and the entire room becomes warm, much like the sun warms the earth.

• DUAL FUNCTION HEATING - In addition to radiant heat, the RCC Series uses part of its energy to heat air passing behind and over the heater by convection flow, thus helping to "mix" the air in the room and achieving balanced heating throughout.

• INDIVIDUAL ROOM CONTROL - The finite control available with electric heat permits individual room or zone control for greater economy, why heat the entire house when you are using only one or two rooms? This applies equally well for whole house heating or supplemental heating.

• COMFORT AT LOWER TEMPERATURES - In non-radiant types of heating systems, it is necessary to warm and circulate air in order to keep the temperature in a room at a comfortable level. The warmer air, in turn, warms the furniture and people in the room. With radiant heating, furniture and people are heated directly. The surrounding air eventually becomes warm, but the comfort level is not dependent upon the air temperature. Room temperature can be lowered 3 to 5 degrees while still maintaining the same comfort level. Furniture, walls, floors, etc. absorb some of the energy and act as a heat bank, releasing some of the warmth into the room during the "off" period of the normal "on-off" cycle of the cove heaters.

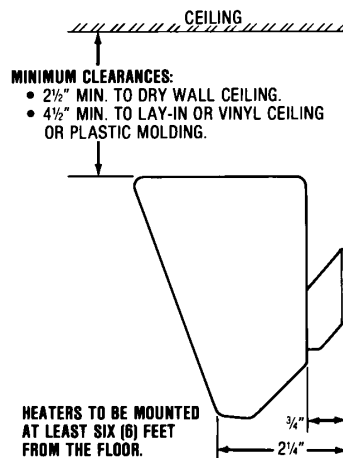
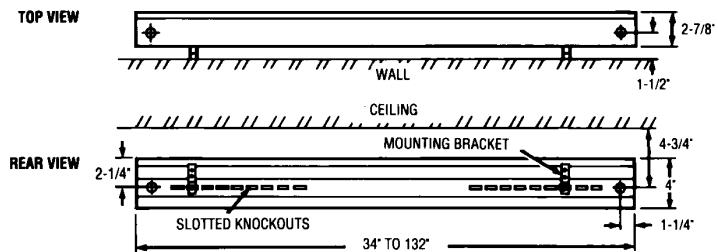
• HIGH EFFICIENCY RADIATION SURFACE - The extruded aluminum front panel is coated with a lifetime vitreous enamel which has one of the highest levels for radiating heat energy of any known substance, radiating a majority of its heat energy from the front surface. The remaining energy is "wiped off" the element and back frame by a convection flow behind and over the top of the heater which circulates warm air into the room, under furniture, etc.

• COLOR COORDINATED - Heaters are an off-white color to complement any interior wall design. (Desert Tan and Dove Grey Optional.)

• CONVENIENT WALL MOUNTING - NEAR CEILING - The RCC cove heater mounts on any wall surface, near the ceiling where its dual function heating can be fully utilized. Radiant heat energy is directed downward, warming people and objects near the floor, as well as the floor itself. Room air gains heat from these objects and rises toward the ceiling. The back side of the cove heater acts as a convector heater, pulling the cooler air from the floor area, behind and over the heater, thus helping to circulate and mix the air in the room until it reaches an equilibrium temperature. The out-of-the-way mounting also permits complete freedom of furniture placement in a room, because the heaters will not be subjected to blockage, which reduces the efficiency of floor or low-wall-mounted heaters.



DIMENSIONS



SELECTION CHART

CATALOG NUMBER	VOLTS	WATTS	BTU/HR	AMPS	LENGTH (IN.)
RCC-4512	120	450	1536	3.7	34
RCC-4508	208			2.2	
RCC-4524	240			1.9	
RCC-6012	120	600	2048	5.0	47
RCC-6008	208			2.9	
RCC-6024	240			2.5	
RCC-6027	277			2.2	
RCC-7512	120	750	2560	6.2	59
RCC-7508	208			3.6	
RCC-7524	240			3.1	
RCC-7527	277			2.7	
RCC-9012	120	900	3072	7.5	71
RCC-9008	208			4.3	
RCC-9024	240			3.7	
RCC-9027	277			3.2	
RCC-10512	120	1050	3584	8.8	83
RCC-10508	208			5.0	
RCC-10524	240			4.4	
RCC-10527	277			3.8	
RCC-12012	120	1200	4096	10.0	94
RCC-12008	208			5.8	
RCC-12024	240			5.0	
RCC-12027	277			4.3	
RCC-15008	208	1500	5120	7.2	118 1/4
RCC-15024	240			6.2	
RCC-15027	277			5.4	
RCC-18008	208	1800	6143	8.7	132
RCC-18024	240			7.5	
RCC-18027	277			6.5	

ACCESSORIES

CATALOG NO.	DESCRIPTION
RCC-T	Thermostat Kit SPST, 22 Amp.
RCC-SP	Splice Plate Kit

ARCHITECT'S & ENGINEER'S SPECIFICATIONS *

Furnish and install where indicated on plans, electric cove heaters as manufactured by QMark, A Marley Engineered Products Brand, Bennettsville, SC. Heaters shall be UL listed.

FRONT PANEL - The front panel which is the radiating surface, shall be of extruded aluminum, coated with vitreous enamel to achieve a high radiating efficiency. The back side of the front panel shall have a formed section to hold the heating element.

BACK SHIELD - The back shield shall be formed of heavy gauge galvanized steel and have openings to permit the convection flow of air.

ELEMENT - The heating element wire shall consist of high resistance nickel-chrome alloy wire, embedded in high purity magnesium oxide and encased in an aluminum sheath to assure long and trouble-free life and complete elimination of AC hum.

INSTALLATION - Mounting brackets shall be included with the heaters for mounting on any wall surface. Heaters shall be completely assembled and pre-wired for either single or multiple-heater installations. Heater construction shall permit supply wiring to be brought in and connected at either end of the heater.

* *QMark reserves the right to change specifications without prior notice.*



470 Beauty Spot Rd. E, Bennettsville, SC 29512

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