



## Smart Heating Solutions



# SUBMITTAL SHEET

**Job Name:** \_\_\_\_\_

**Submitted By:**

Date:

**Location:** \_\_\_\_\_

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Architect: \_\_\_\_\_

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Engineer: \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Contractor: \_\_\_\_\_

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**Submitted By:** \_\_\_\_\_

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King Contact: \_\_\_\_\_

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Quotes@king-electric.com

Date: \_\_\_\_\_

## Accessories

| Tag   | Qty   | Item Number |
|-------|-------|-------------|
| _____ | _____ | _____       |
| _____ | _____ | _____       |

# Cove Heater alCove KCV Series


**Model Code:**

|            |           |           |
|------------|-----------|-----------|
| <b>KCV</b> | <b>12</b> | <b>10</b> |
| <b>A</b>   | <b>B</b>  | <b>C</b>  |

A: Series  
 B: 12 - 120V 20 - 208V  
 24 - 240V  
 C: Watts (210 - 1800)



With U.S. & Global Materials



- Radiant & Convection Heat
- Long Life Elements
- Silent Running
- Left/Right Junction Box: Feed power to either end.
- Extruded aluminum front panel
- Easy surface-mount installation
- Ribbed front for maximum surface radiation
- Open-back design for maximum convection
- 1/2" diameter knockouts for 1/2" conduit
- Standard color: white (almond optional)
- 2-year limited warranty

## The alCove KCV Series Cove Heater

The **alCove KCV cove heater** is a radiant heater that 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. The cove heater is mounted near the ceiling, eliminating furniture placement problems. With no moving parts this heater is quiet and maintenance free. Typical uses are day care centers, assisted living housing, housing developments, laundry rooms, bathrooms, bedrooms.

### Ordering Information \* Add suffix -W for White or -A for Almond

| MODEL       | VOLTS   | WATTS    | AMPS      | LENGTH  | SHIP WEIGHT lbs |
|-------------|---------|----------|-----------|---------|-----------------|
| KCV1202     | 120     | 210      | 1.8       | 24"     | 5.5             |
| KCV1204     | 120     | 420      | 3.5       | 34"     | 6.7             |
| KCV1206     | 120     | 560      | 4.7       | 47"     | 9.3             |
| <b>120V</b> | KCV1207 | 120      | 700       | 5.8     | 59"             |
|             | KCV1209 | 120      | 840       | 7.0     | 71"             |
|             | KCV1210 | 120      | 935       | 7.8     | 83"             |
|             | KCV1212 | 120      | 1125      | 9.4     | 94"             |
|             | KCV1215 | 120      | 1400      | 11.7    | 118"            |
|             | KCV2004 | 208      | 420       | 2.0     | 34"             |
|             | KCV2006 | 208      | 560       | 2.7     | 47"             |
|             | KCV2007 | 208      | 700       | 3.4     | 59"             |
|             | KCV2009 | 208      | 840       | 4.0     | 71"             |
|             | KCV2010 | 208      | 935       | 4.5     | 83"             |
| <b>208V</b> | KCV2012 | 208      | 1125      | 5.4     | 94"             |
|             | KCV2015 | 208      | 1400      | 6.7     | 118"            |
|             | KCV2018 | 208      | 1800      | 8.7     | 118"            |
|             | KCV2404 | 240/208* | 420/315   | 1.8/1.5 | 34"             |
|             | KCV2406 | 240/208* | 560/420   | 2.3/2.0 | 47"             |
|             | KCV2407 | 240/208* | 700/525   | 2.9/2.5 | 59"             |
|             | KCV2409 | 240/208* | 840/630   | 3.5/3.0 | 71"             |
|             | KCV2410 | 240/208* | 935/701   | 3.9/3.4 | 83"             |
|             | KCV2412 | 240/208* | 1125/844  | 4.7/4.0 | 94"             |
|             | KCV2415 | 240/208* | 1400/1050 | 5.8/5.0 | 118"            |
|             | KCV2418 | 240/208* | 1800/1350 | 7.5/6.5 | 118"            |

\*Dual rated heaters will draw 13% less amps and 25% less wattage when operated at 208V.

# Cove Heater alCove KCV Series

## Accessories/Options

| MODEL     | DESCRIPTION                                                        | SHIP WEIGHT lbs |
|-----------|--------------------------------------------------------------------|-----------------|
| KCVT-1L-A | Single Pole Built-In Thermostat Kit w/ Left Side Wiring in Almond  | 0.25            |
| KCVT-1L-W | Single Pole Built-In Thermostat Kit w/ Left Side Wiring in White   | 0.25            |
| KCVT-1R-A | Single Pole Built-In Thermostat Kit w/ Right Side Wiring in Almond | 0.25            |
| KCVT-1R-W | Single Pole Built-In Thermostat Kit w/ Right Side Wiring in White  | 0.25            |
| KCVT-2L-A | Double Pole Built-In Thermostat Kit w/ Left Side Wiring in Almond  | 0.25            |
| KCVT-2L-W | Double Pole Built-In Thermostat Kit w/ Left Side Wiring in White   | 0.25            |
| KCVT-2R-A | Double Pole Built-In Thermostat Kit w/ Right Side Wiring in Almond | 0.25            |
| KCVT-2R-W | Double Pole Built-In Thermostat Kit w/ Right Side Wiring in White  | 0.25            |

## Engineering Specifications

### Construction:

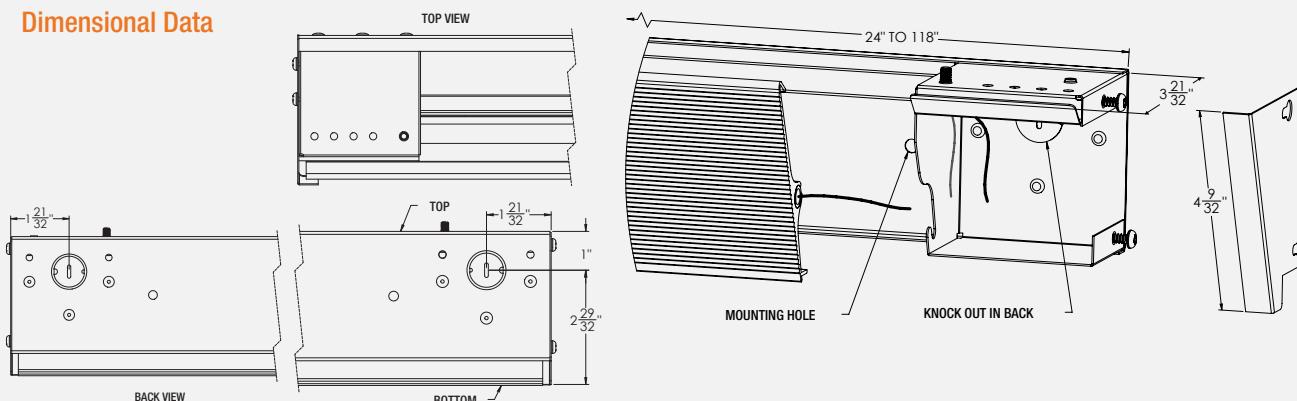
- Constructed of extruded aluminum with a maximum cross section thickness of .962".
- With sawtooth profile to increase radiating surface area.
- Open on top and bottom for maximum convection heating room air.
- With 32 cubic inch junction box at both ends, furnished with 1/2" knockouts on back and top.
- Ni-Chrome wire embedded in Magnesium Oxide powder enclosed and sealed in aluminum sheath.

- Element wattage density of approximately 150 watts per linear foot.
- With full length back case constructed of 22 gauge electrogalvanized steel with baked enamel finish.
- Two year limited warranty.

### Ratings and Approvals:

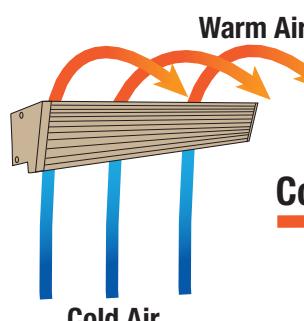
- The heaters shall be available in ratings from 250 - 1800 watts at 120 and 208/240 Volts.
- cULus

### Dimensional Data

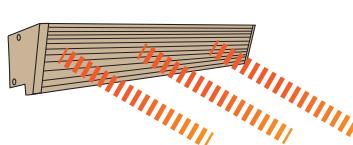


### MINIMUM CLEARANCE

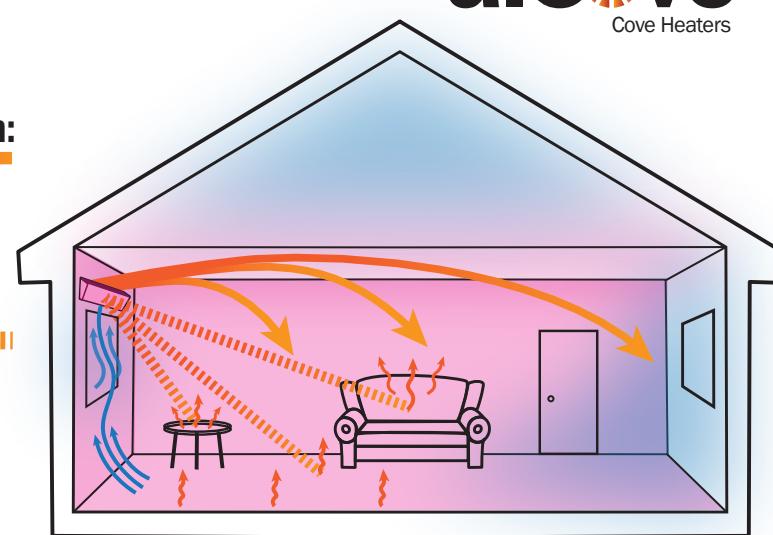
Heaters are not to be mounted closer than 2 1/2" from drywall ceiling or 6" from vinyl or drop ceiling. Heaters to be mounted at least 6 feet from floor.



### Convection:



### Radiant:



**alCove**  
Cove Heaters