

Comfort Cove[®]

THE EFFICIENT RADIANT HEATING SOLUTION

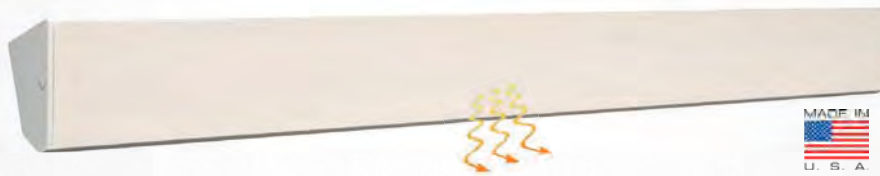
Experience the Difference!

 **Radiant**
Systems Inc.



Comfort Cove®

THE ENERGY EFFICIENT HEATING SOLUTION



WHAT IS RADIANT HEAT?

Our Sun is more than 92 million miles from the earth and it heats our entire planet not with hot air, but rather with Radiant Heat. We are not blowing hot air 92 million miles back and forth from the sun to the earth in order to heat the earth; this would be extremely inefficient. Radiant Heat travels at the speed of light and gets here very quickly, but does not impart its heat until striking an object, in this case the Earth. In the case of the Radiant Heat produced by Comfort Cove®, our Radiant Heat of course also travels at the speed of light and also heats everything in its path. The difference is Comfort Cove® heaters have been specifically designed to produce a long mild wave length that has absolutely no harmful effects and is not even visible to the eye. Other than feeling the radiant warmth an infrared camera is the only means in which to detect the Comfort Cove® Radiant Heat output. Comfort Cove® Radiant Heat is un-matched in safety, design, and consistent comfort.

WHAT IS COMFORT COVE®?

Proudly made in America for the past 30 years, the Comfort Cove® electric radiant heater offers lower operation costs when compared to many other systems. Comfort Cove® is an individual room problem solver or perfect for the entire home. Comfort Cove® heaters are comfortable, safe, space saving solution to almost any heating application. This while saving you money through radiant heat technology, feeling warmer at lower money saving temperatures. According to United States Department of Energy, every single degree reduction in temperature saves 3%. Savings of 15-20% are realized and additional savings in energy through Comfort Cove® individual room control feature.

PEOPLE DON'T LIVE ON CEILINGS



Comfort Cove® Heating

Comfort Cove® Radiant Heat travels at the speed of light, heating everything in its path, floors, furniture and people and the entire room below to one comfortable and even money saving temperature. Comfort Cove® is radiant comfort without compromise.

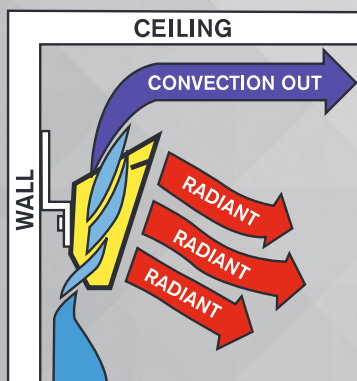
VS

HOT AIR RISES



Baseboard Heating

Old fashioned hot air baseboards and furnaces are “just a lot of hot air”. Hot air as we know rises directly to the ceiling, where it heats the ceiling to money wasting levels, while unfortunately your toes remain cold, no fun when you are paying the bill.



Warm Your Floor & More™

Thermal Mass

Our heaters create a heat bank, or thermal mass much like in-floor heat, except Comfort Cove® warms everything in its path, not just the floor. Many users report guests expressing how comfortable the house is yet they can't describe where the heat is coming from!

Consistent Comfort

Since hot air rises, warming objects with Comfort Cove® Radiant Heat is more consistent and efficient heating. Our heating system provides more evenly heated spaces and offers you the experience of more comfort by eliminating wasteful hot and cold swings.

COMFORT COVE® HAS MANY BENEFITS!

- Whole home heat source or supplemental
- Lower installation costs
- Individual Room Zone Control
- Saving floor space
- Safe, clean energy
- Superior thermal comfort
- No moving parts or filters
- Completely silent
- Programmable & WiFi control available
- 10-year limited warranty
- Does not effect humidity
- Thin, sleek, modern design
- Use in bathrooms
- Baseboard conversion solution
- Warmer floors
- Out of reach
- Economical
- Energy efficient
- Mounted near the ceiling
- Multiple color options
- No maintenance
- Most importantly ...

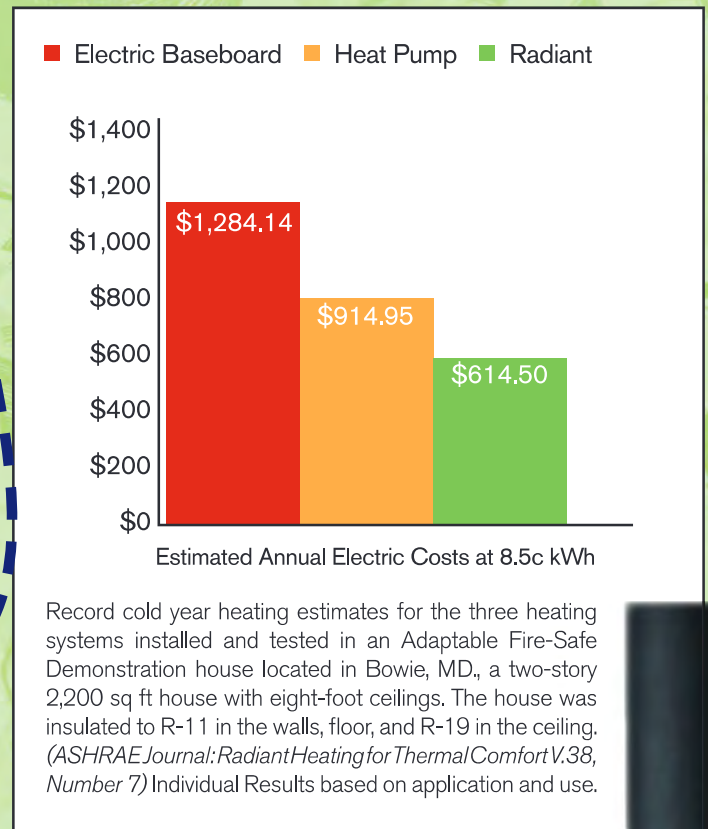
SAVES YOU MONEY



LOWER OPERATING COSTS

This is no magic trick, people simply feel warmer standing in the sun than they do in the shade and this is how we are able to lower your operating costs. Comfort Cove® Radiant Heat gently warms from above much like the sun, but without any of the harmful effects. Old fashioned hot air baseboards and hot air furnaces produce hot air which rises to the ceiling and provides no radiant money saving benefit.

CASE STUDY:



COMFORT COVE® IS SAFE

▶ **SAFE & SAVE SPACE**
Comfort Cove® provides a safer living environment for you and your family. Our system is mounted high on the wall near the ceiling, freeing up your floor space and out of reach.

▶ **HEALTHY HEATING**
Radiant heat will not dry the air. Many forced hot air-heating systems operate by combustion to create hot air, this in turn lowers humidity levels. Comfort Cove® Radiant Heat prevents condensation and maintains stable humidity levels to help keep your family happy and healthy.

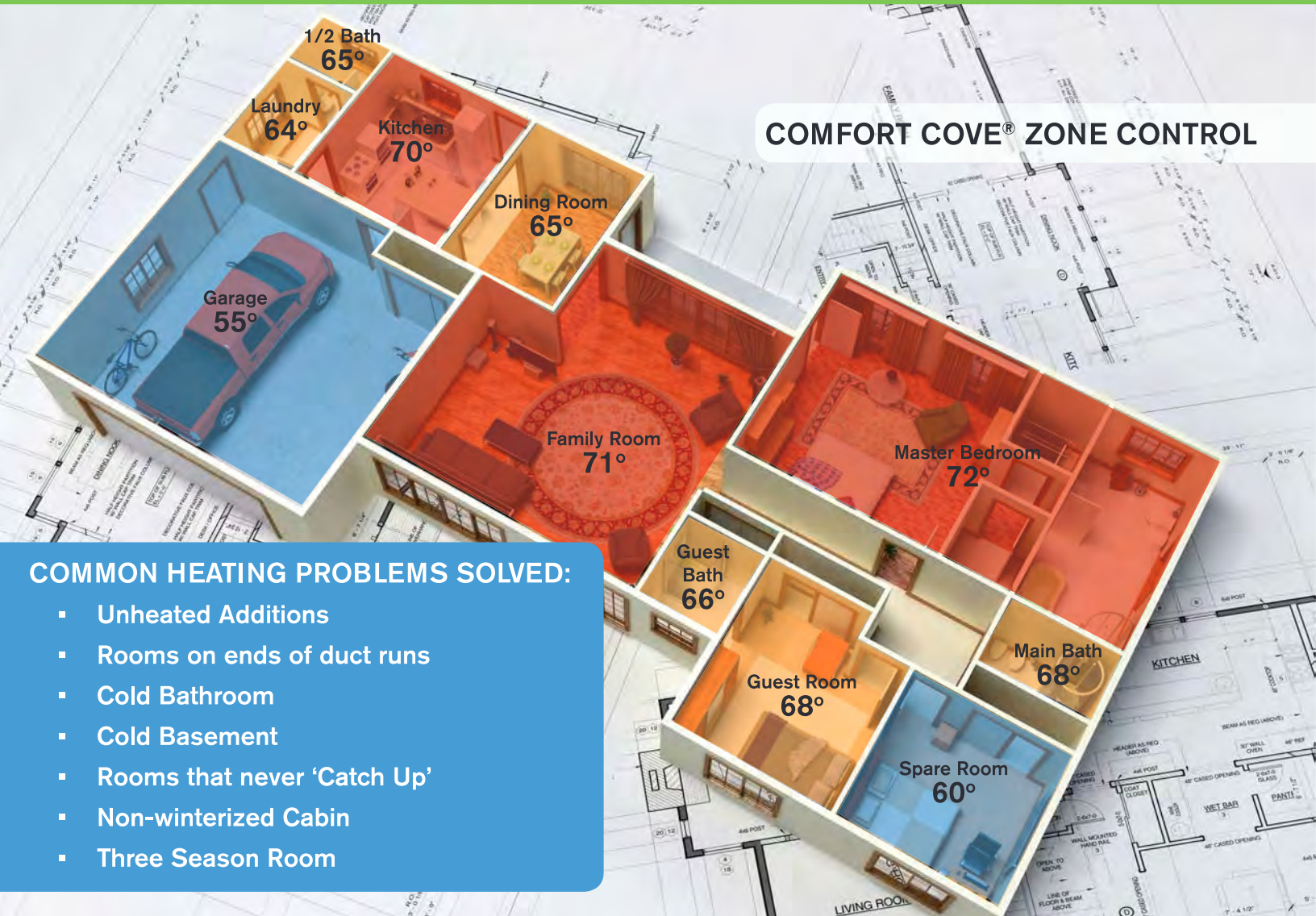
▶ **NO HARMFUL RAYS**
Comfort Cove® safely radiates heat throughout a room without any harmful rays, much like radiant heat radiated from a wood burning stove.



SAVING ENERGY WITH ZONE CONTROL

A HEATER FOR ANY LIFESTYLE

Comfort Cove® *Zone Control* allows your heating system to be flexible and give you the control to accommodate any lifestyle in any room at any time. Increase your comfort while using less energy, this results in reducing heating costs and impact on the environment. Typical whole-home heating systems do not allow you to increase comfort according to the use of individual rooms. Comfort Cove® heaters offer you the peace of mind of never being stuck under a blanket again, no matter what room you're in.



COMFORT COVE® ZONE CONTROL

COMMON HEATING PROBLEMS SOLVED:

- Unheated Additions
- Rooms on ends of duct runs
- Cold Bathroom
- Cold Basement
- Rooms that never 'Catch Up'
- Non-winterized Cabin
- Three Season Room

NO MAINTENANCE

Comfort Cove® heaters are made with no moving parts and are maintenance free, allowing you to start every winter without worries of changing any filters or motors. Compared to forced air systems, Comfort Cove® also does not contain fans or blowers. This reduces the distributions of allergens within the air.





DESIGN ADVANTAGES

1. RUGGED

All metal design for long lasting dependable service in any application

5. ELECTRICAL INTEGRITY

Prewired above industry standard with 12 gauge 125°C rated wire

7. HIGH PERFORMANCE

Maximum radiant heat output with our exclusive single piece wrap around galvanized steel reflector

2. SIMPLE INSTALLATION

Exclusive Tilt-N-Lock mounting bracket design to streamline every installation

3. VERSATILE WIRING

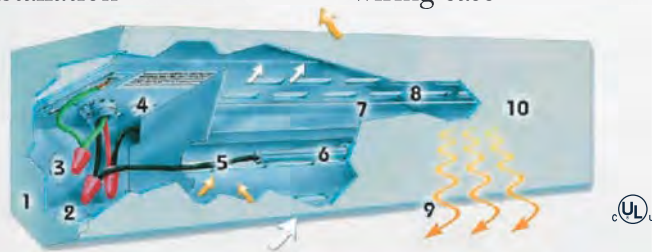
Two built-in junction boxes, one on each end complete with multiple electrical knockouts for wiring ease

4. ULTRA SAFE

Lower operating temperatures, UL safety testing shows “High-Limit” or “Overheat-Switch” unnecessary

6. HEATING ELEMENT

Long life, 10-year warranty heating element designed to last the life of your home



8. MAXIMUM HEAT

Ventilation throughout reflector for maximum heating power

9. TOUGH ALUMINUM

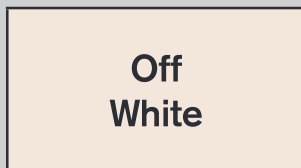
Heavy-gauge aluminum front panel for maximum radiant heat output

10. DURABLE FINISH

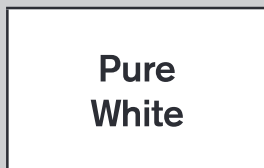
Exclusive ultra-effective radiant output coating with five durable finish options

MULTIPLE COLORS AVAILABLE

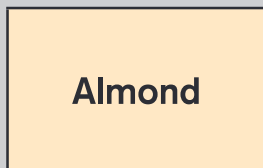
Comfort Cove® features exclusive state of the art industrial coating designed for maximum radiant output



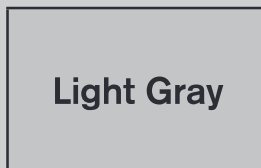
Off White



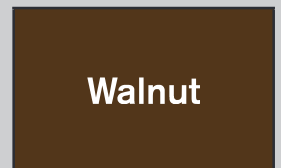
Pure White



Almond



Light Gray



Walnut

10-YEAR LIMITED WARRANTY

Proudly made in the USA, the Comfort Cove® heater has been constantly optimized since 1985 for maximum effective radiant heat output, saving you money while improving your thermal comfort.

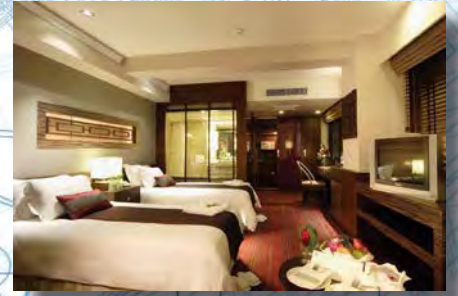
Featuring an all metal construction with no moving parts. Comfort Cove® is designed and built to outlast the life of your home. Radiant Systems Inc., will **replace any heating element found to be defective for a period of 10 years** from the date of purchase!



COMFORT COVE®



SHOWCASE



COMFORT COVE® HEAT CONTROL OPT

HONEYWELL® NON-PROGRAMMABLE DIGITAL THERMOSTAT

P-7000 / P-7001

With this contemporary thermostat, the occupant can experience peace of mind with stable temperature control or increase the temperature setting when entering a room. Save money and energy with accuracy, reliability and consistent comfort control.

Key Features:

- Accuracy of $\pm 1^{\circ}\text{F}$ saves up to 10%*
- Automatic 15 Minute Heating Cycles with Gradual Heat Control
- Heat Indicator
- Soundproofed for Quiet Operation
- No Batteries Required
- Ease of Operation
- 5-Year Limited Warranty (P-7000)/3-Year Limited Warranty (P-7001)



HONEYWELL® 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT

P-8000/P-8001

Save maximum energy without sacrificing comfort. Maintain the built-in factory preset schedule for up to 15%* energy savings, or modify the schedule to fit your lifestyle. The user can adjust the programmable thermostat to turn on and off during the time of day to match any schedule. Imagine every morning having a nice prewarmed bathroom for your early morning shower and automatically turning off or down after the scheduled time is over to save energy. This provides maximum money and energy savings potential with ultimate comfort.

Key Features:

- 7-Day programmable feature saves energy up to 15%*
- Accuracy of $\pm 1^{\circ}\text{F}$
- Automatic 15 Minute Heating Cycles with Gradual Heat Control
- Heat Indicator
- Program Override for Manual Operation
- Soundproofed for Quiet Operation
- No Batteries Required
- 5-Year Limited Warranty (P-8000)/3-Year Limited Warranty (P-8001)



CLOSED



OPEN





HONEYWELL® WIRELESS 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT

WTL-9000

New wireless thermostat technology allows you to save money and time. This thermostat is the perfect solution for those looking to control their thermostat even when they're not home. The wireless feature also provides a solution to solid walls such as log cabins or hard to access wiring applications. Honeywell's RedLINK Enabled wireless technology allows you to control your thermostats through the internet or free smartphone app from anywhere, anytime. *(RedLINK Router sold separately)*

Key Features:

- 7 Day/5-2 Day programmable feature saves energy up to 15%*
- Accuracy of $\pm 1^{\circ}\text{F}$
- Automatic 15 Minute Heating Cycles with Gradual Heat Control
- Program Override for Manual Operation
- 3-Year Limited Warranty



Plus

Optional Remote Control Available



HONEYWELL® ECONOMY DIAL THERMOSTAT

T-401 Series

Economy and value comes together with this easy to use dial type thermostat. This reliable thermostat features a long lasting MicroSwitch™ mechanism for accurate repeatability. Comes factory calibrated and is supported by a 1-year warranty.

Key Features:

- Economical
- Accuracy of $\pm 3^{\circ}\text{F}$
- Factory Calibrated
- Long-lasting Micro Switch™ Mechanism
- 1-Year Warranty

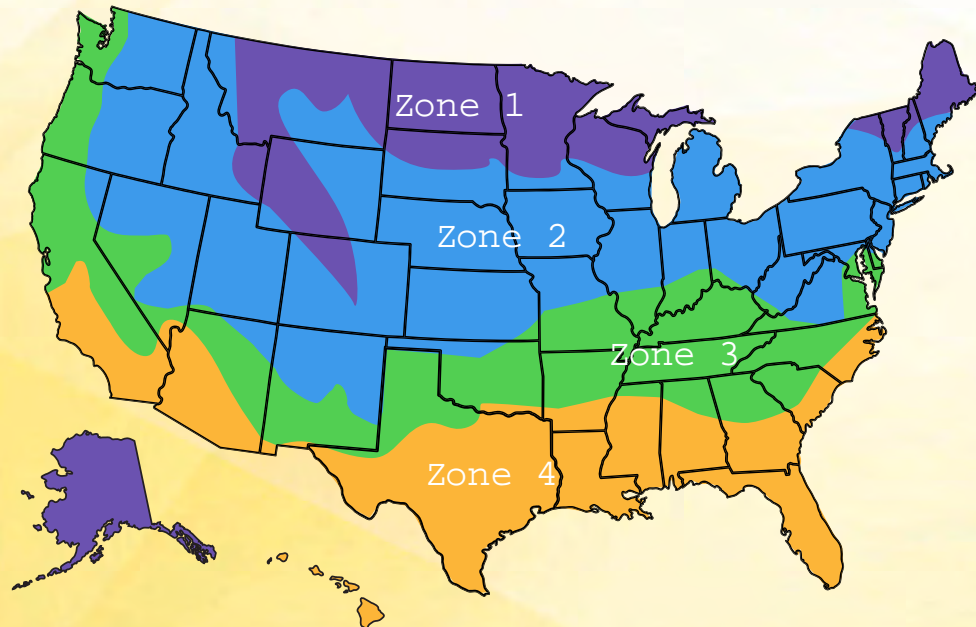


APPROXIMATE SIZING FOR COMFORT COVE®

Approximate Stand-Alone Heat in Watts per Square Foot

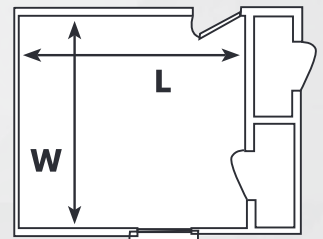
Proper heater sizing is an important step for comfort and energy savings. Comfort Cove® Radiant Heaters can be used as supplemental heat or as a stand-alone heat source. Use the 4 easy steps below to figure approximate Comfort Cove® heater sizing in watts per square foot.

Sizing



1. Find your approximate location, this determines your general heating zone.

2. Determine the square footage of the space you would like to heat by taking Length x Width.



3. Select an insulation column that best describes your application.

4. Use your total square feet, multiply by your ~ Watts per Square Foot based on your heating zone and estimated insulation factor.



COMFORT COVE® SIZING GUIDE

FOR FACTORY SUPPORT
CALL 1-800-314-9303

My Heating Zone #: _____

8 AM-5 PM CST

My Approximate Watts per Square Foot: _____

ROOMS*	LENGTH	x	WIDTH	=	SQUARE FEET	x	WATTS PER SQUARE FOOT	=	APPROXIMATE WATTS NEEDED
Master Bedroom		x		=		x		=	
Master Bathroom		x		=		x		=	
Bedroom 1		x		=		x		=	
Bedroom 2		x		=		x		=	
Bedroom 3		x		=		x		=	
Main Bathroom		x		=		x		=	
Dining Room		x		=		x		=	
Living Room		x		=		x		=	
Kitchen		x		=		x		=	
Basement		x		=		x		=	
Basement Bathroom		x		=		x		=	
Basement Bedroom		x		=		x		=	

* Comfort Cove® heaters are versatile heaters, if you do not see your room type please contact the factory for sizing assistance.

APPLICATION INSULATION FACTOR*			
R-Value	Above Standard Insulation	FHA Standard Insulation	Minimum Insulation
Ceiling	R-24+	R-19	R-11
Walls	R-13+	R-11	R-7
Floor	R-24+	R-11	—
Zone	Watts per Square Foot	Watts per Square Foot	Watts per Square Foot
1	10.0	11.0	15.0
2	8.0	10.0	15.0
3	5.0	6.0	8.0
4	4.0	5.0	6.0

* "R" Values are industry standards for insulation effectiveness.

COMFORT COVE® SPECIFICATIONS

MODEL NUMBER	WATTAGE	VOLTAGE	AMPERES	WEIGHT (LBS)	LENGTH (INCHES)
C-4512 C-4508 C-4524	450	120 208 240	3.7 2.2 1.9	6	34"
C-6012 C-6008 C-6024	600	120 208 240	5.0 2.9 2.5	8	47"
C-7512 C-7508 C-7524	750	120 208 240	6.2 3.6 3.1	10	59"
C-9012 C-9008 C-9024	900	120 208 240	7.5 4.3 3.7	12	71"
C-10512 C-10508 C-10524	1050	120 208 240	8.8 5.0 4.4	13	83"
C-12012 C-12008 C-12024	1200	120 208 240	10.0 5.8 5.0	14	88"
C-15012 C-15008 C-15024	1500	120 208 240	12.5 7.2 6.2	15	94"
C-18008 C-18024	1800	208 240	8.7 7.5	18	106 1/4"
C-20008 C-20024	2000	208 240	9.6 8.3	20	118 1/4"

SHIPS FedEx








STANDARD FINISHES

FINISH	SUFFIX	AVAILABILITY	COST
Off-White	OW	In Stock	No Charge
Walnut	WL	In Stock	No Charge
Light Gray	LG	In Stock	No Charge
Almond	AL	In Stock	No Charge
Pure White	PW	In Stock	No Charge

10-YEAR LIMITED WARRANTY

Radiant Systems, Inc., will replace any heating element found to be defective for a period of ten years from date of purchase. All other components are warranted for a period of one year from date of purchase. Warranty does not apply to damage from accidents, misuse, or alteration, nor where connected to voltage above the nameplate voltage, nor to equipment improperly installed or wired or maintained in violation of the instruction manual. This warranty is only valid in the fifty states of the United States. All warranty items FOB: Radiant Systems, Inc. Radiant Systems, Inc., will not be responsible for any incurred labor charges.

APPROVED THERMOSTATS

MODEL	DESCRIPTION
P-7000 	Honeywell Standard Digital <ul style="list-style-type: none"> • Non-Programmable • Precision ±1°F Accuracy; 40°-86° • 5-Year Warranty • 15 Amp; DPST; 208V/240V
P-8000 	Honeywell Programmable Digital <ul style="list-style-type: none"> • 7-Day Programmable • Precision ±1°F Accuracy; 40°-86° • 5-Year Warranty • 15 Amp; DPST; 208V/240V
WiFi Package 	Wireless Starter Package Includes: <ul style="list-style-type: none"> 1 - Cove Connect Wireless Kit 1 - Cove Connect Gateway Router Digital Programmable • Precision ±1°F Accuracy; 41-86°F • 12.5 Amp; SPST; 120/240V
Cove Connect 	Cove Connect Wireless Kit Honeywell Wireless System <ul style="list-style-type: none"> • 7 Day / 5-2 Day Programmable • Precision ±1°F Accuracy; 41-86°F • Includes one Thermostat, Cove Connect Relay & Antenna • 12.5 Amp; SPST; 120/240V
Relay 	Cove Connect Relay Honeywell Relay for Cove-Connect <ul style="list-style-type: none"> • Includes one Cove Connect Relay & Antenna • 12.5 Amp; SPST; 120/240V
Gateway 	Cove Connect Gateway <ul style="list-style-type: none"> • RedLINK Internet Gateway • Thermostat access through PC, Smart Phone or Tablet • No Monthly fee, free app download
T-401B 	Honeywell Economy Dial <ul style="list-style-type: none"> • ±3°F Accuracy • w/ Positive Off Selection • 40°- 80°F Range • 22 Amp; DPST; 120 / 208 / 240
T-401A 	Honeywell Economy Dial <ul style="list-style-type: none"> • ±3°F Accuracy • 40°- 80°F Range; no 'off' selection • 22 Amp; SPST; 120 / 208 / 240

120V THERMOSTATS

P-7001 	Honeywell Standard Digital <ul style="list-style-type: none"> • ±1°F Accuracy 40°-86° range • 3-Year Warranty • 16.7 Amp; SPST; 120V
P-8001 	Honeywell Programmable Digital <ul style="list-style-type: none"> • 7-Day Programmable • ±1°F Accuracy with 40°-86° Setting • 3-Year Warranty • 16.7 Amp; SPST; 120V



Radiant Systems Inc.

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1-800-314-9303

