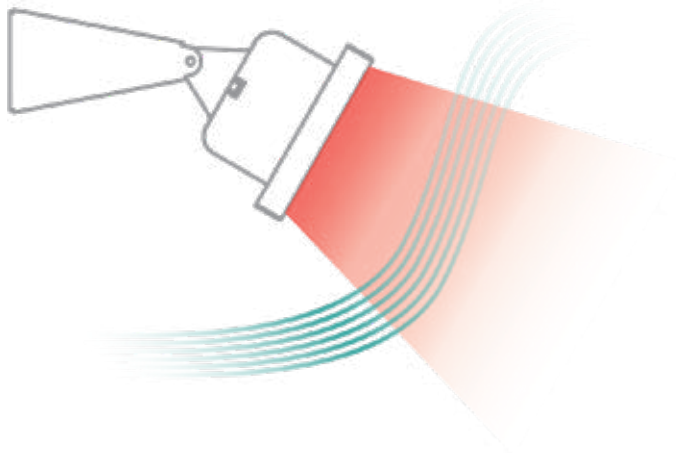




## INFRATECH OUTDOOR HEATING ELECTRIC

REV: 05/24/24



### Infrared Fact:

Infratech electric heaters are specifically designed so heat doesn't blow away in windy or drafty fall air.

## TABLE OF CONTENTS

### INFRATECH

C Series Garage Heater .....	5
Heating 240v.....	7
Motif Collection .....	14
Value Controls.....	16
Universal Controls.....	20
Home Management System .....	21
Solid State Relay & Controls.....	22
208, 277, 480 Volts .....	24
240 Volts Replacement Elements .....	27

### LITERATURE

Item #	Description
WS19	Infratech Full Line Catalog
INFBROCHURE	Infratech Control Options
INFMOTIF	Infratech Motif Collection
INFMARINE	Infratech Marine Upgrade
INFDROP	Infratech Drop Pole

# WHY INFRARED HEAT?

A heated quartz element emits a safe, clean wavelength of light that is only absorbed by solid objects, transferring heat directly to a person, table or floor rather than heating the air.

For this reason, infrared heat can be distributed very evenly, and will not simply "blow away" in windy or drafty conditions. Infratech medium wave quartz element heaters are 93% efficient and emit a barely discernible, pleasing glow that will not affect the ambience of your gathering – unlike competitive short-wave or halogen electric heaters that produce a very harsh glare or bright-colored light.



## COST OF OPERATION & MAINTENANCE

### OPERATION

It's simple to determine the cost of operating an Infratech heater—multiply the rate charged by your local utility company by the wattage of your heater.

$$\text{Your Utility Rate} \times \text{Wattage of Your Heater} = \text{Cost of Operation}$$

EXAMPLE: Your utility charges \$0.15\* / kilowatt hour (kW) X 3 (for a 3000 watt heater) = \$0.45 / hour

\*This is the National Average. Utility charges will vary.

### MAINTENANCE

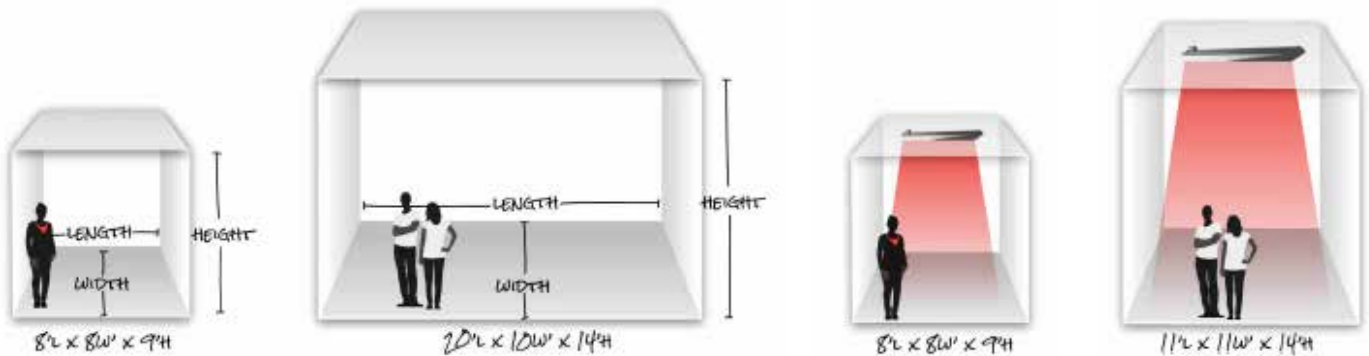
Unlike traditional gas heaters, Infratech electric heaters are virtually maintenance free. For long lasting use, we recommend once a year to spray the heater with a hose and wipe down. Our elements are rated to last 5,000 hours, plus they are simple and inexpensive to replace.

*When you consider our low cost and minimal maintenance, Infratech heaters are easily the first choice when heating outdoor space.*

# 3 STEPS TO CHOOSING YOUR INFRATECH SYSTEM

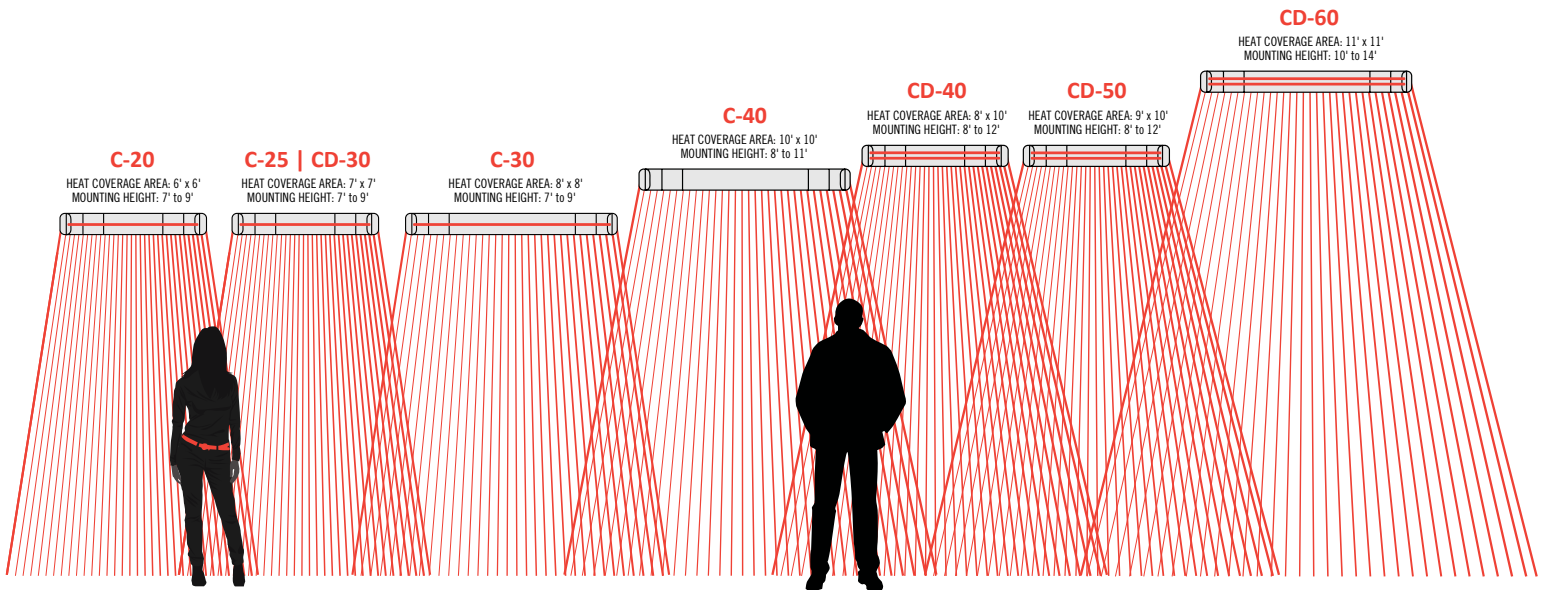
## STEP 1: MEASURE THE AREA

Determine the approximate measurements and mounting heights of the area you want to heat (Include: length, width, and height). Also consider where people will gather and spend time, like dining or lounge areas.



## STEP 2: SELECT THE HEATERS

Select the heater(s) that will work both functionally and aesthetically for your space. Consider factors such as size, voltage, number of heaters, colors, and mounting options.



**NOTE:** Indoor or well-protected environments will generally exceed average coverage. Heaters may provide less than average coverage in extremely cold or windy conditions.

# 3 STEPS TO CHOOSING YOUR INFRATECH SYSTEM

## STEP 3: CHOOSE THE CONTROLS

Choose a control option that works best for your application and budget. Options include value controls, solid-state relay control package, home management integration panel and the new universal control panel.

### VALUE CONTROLS



Simple On/Off Switch    Duplex/Stack Switch    Infinite Control Regulator



Single Contactor Panel    Dual Contactor Panel

### SOLID STATE RELAY CONTROL PACKAGE



Solid State Relay Panel  
Zone Analog Controller w/ Digital Timer

### HOME MANAGEMENT INTEGRATION PANEL



### UNIVERSAL CONTROL PANEL



See pages 15-23 for Control Pricing and Options

# C-SERIES, GARAGE HEATER

## 120 VOLTS (PLUG-IN)



### 1500 WATT HEATER (PLUG-IN)

Item #	Model	Color	Volts	Amps	Length	Retail
21-3004-BLK	21-3004	Black	120	12.5	33"	\$399



- Infratech's best-selling black Contemporary Series (C-Series) 33-inch, 1,500 watt (120 volt/12.5 amps) heater is constructed from cold roll steel with black end covers, and offers clean, efficient performance with modern styling.
- It provides effective spot heating to create a range of indoor bonus spaces, and can be installed to heat a workbench, exercise equipment, desk, gaming area, crafting table, and more.
- Odorless infrared heat is emitted from a quartz element, for year-round comfort with zero emissions.
- It can be mounted to a wall or ceiling using the mounting brackets provided or suspended with chains. **At the suggested mounting height of 6'-7', the coverage area is 5' x 5', for more targeted warmth.**
- It can be controlled remotely via a smartphone or smart home assistant when installed with a heavy duty smart plug.
- Comes with a 6' cord for easy DIY installation.

# SL-SLIMLINE SERIES

## SINGLE ELEMENT HEATERS



Logo Plate designed to rotate if required

T-Slot on back allows the mounting bracket to slide for flexible mounting options.

- Infratech's SL-Series is designed with a low profile that is suitable for both indoor and outdoor surface mount applications.
- Fixtures are available in lengths of 29 ½", 42 ½", and 63 ½".
- Features include narrow profile and a T-slot for flexible mounting options.
- The SL-Series housing body and mounting brackets come with a stainless hue anodized aluminum finish. Also available in All Black Slimline Shadow™.
- Available in 208V (pg 24), 240V (pg 7) and 277V (pg 25). Single Phase or 3 Phase.



Note: Heat blooms will vary depending on air temperature.

# SLIMLINE SERIES, SINGLE ELEMENT

## 240 VOLTS



Select a heater and control system (page 15-23) to make a complete unit.

### 3000 WATT HEATERS

Item #	Model	Color	Volts	Amps	Length	Retail
21-5040-SLV	SL-3024	Silver	240	12.5	63 ½"	\$952
21-5040-BLK	SL-3024	Black	240	12.5	63 ½"	\$952

### 4000 WATT HEATERS

Item #	Model	Color	Volts	Amps	Length	Retail
21-5080-SLV	SL-4024	Silver	240	16.7	63 ½"	\$968
21-5080-BLK	SL-4024	Black	240	16.7	63 ½"	\$968

- **Slimline Series Includes:** Standard Mounting Brackets that can be used for both wall and ceiling installation.
- **Additional Voltages Available:** The Slimline Series, Single Element heaters are also available in 208V and 277V. See pages 24-26.



Silver



All Black  
Slimline Shadow™

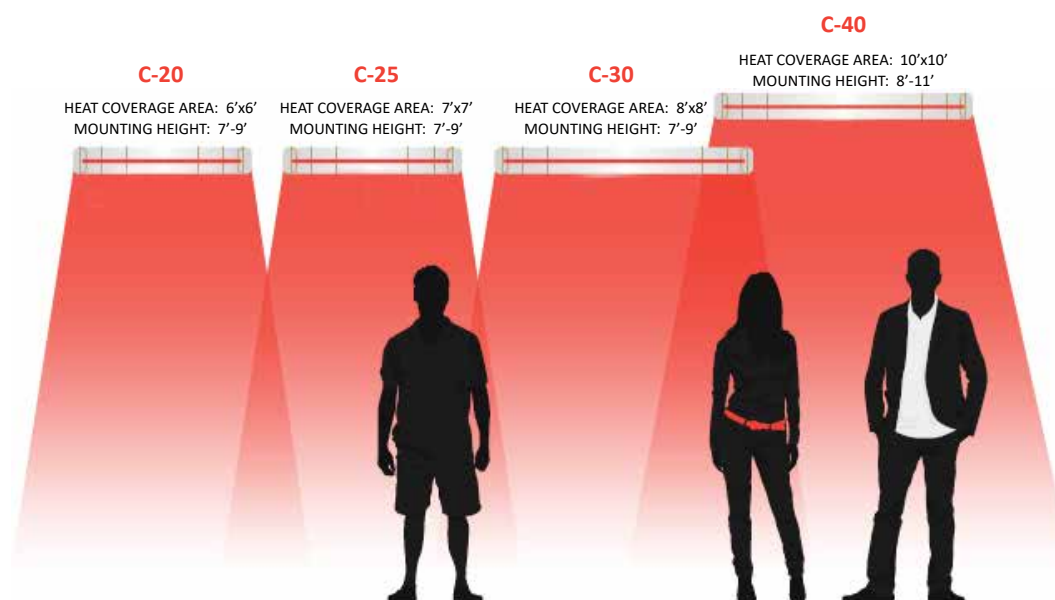
# C-SERIES SINGLE ELEMENT

304 Stainless Steel



White Almond Beige Biscuit Black Bronze Copper Grey

- Single element heaters provide the coverage and intensity of heat necessary for optimum comfort.
- Fixtures are available in lengths of 33", 39" and 61 ¼".
- The **C-Series** fixtures are developed for use in high visual impact locations where their sleek design blends seamlessly.
- Compatible with all of Infratech's Custom Controls for residential or commercial use.
- May also be installed with simple On/Off controls or INF controls (INF only up to 3000W).
- Choose from Brushed 304 Stainless Steel, Black, Bronze, White, Almond, Beige, Biscuit, Copper and Grey. See page 9 for stocking colors.
- Features Include: Minimal Clearance Requirements, Recessed Mounting Options, Short Standoffs, and Mounting Heights between 7'-11'.
- Includes: Standard Mounting Brackets that can be used for both wall and ceiling installation.
- Available in 208V (pg 24), 240V (pg 9), 277V (pg 25), and 480V (pg 26). Single Phase or 3 Phase.



*Note: Heat blooms will vary depending on air temperature.*



# C-SERIES SINGLE ELEMENT

304 Stainless Steel

## 240 VOLTS

Select a heater and control system (page 15-23) to make a complete unit.

## C-SERIES HEATERS 240V

Additional standard non-stocking colors available. See page 8 for color options.

Item #	Model	Watts	Color	Volts	Amps	Length	Retail
21-3100-SS	C-2524	2,500	Stainless Steel	240	10.4	39"	\$612
21-3200-SS	C-3024	3,000	Stainless Steel	240	12.5	61 ¼"	\$733
21-3300-SS	C-4024	4,000	Stainless Steel	240	16.7	61 ¼"	\$748

## RECESSED/FLUSH MOUNT OPTIONS

Used to recess heaters into flat ceiling. Please refer to heater manual for detailed framing instructions.

Note: The color of the heater will not be visible once recessed into the ceiling.

Standard non-stocking colors available add an additional \$50 per kit. See page 8 for color options.

Item #	Description	Color	Heater Length	Framing Dimensions	Retail
18-2300-SS	Flush Mount Frame	Stainless Steel	39"	43"L x 11 ¾"W x 8"H	\$401
18-2300-BLK	Flush Mount Frame	Black	39"	43"L x 11 ¾"W x 8"H	\$451
18-2300-WH	Flush Mount Frame	White	39"	43"L x 11 ¾"W x 8"H	\$451
18-2305-SS	Flush Mount Frame	Stainless Steel	61 ¼"	65 ¼"L x 11 ¾"W x 8"H	\$427
18-2305-BLK	Flush Mount Frame	Black	61 ¼"	65 ¼"L x 11 ¾"W x 8"H	\$477
18-2305-WH	Flush Mount Frame	White	61 ¼"	65 ¼"L x 11 ¾"W x 8"H	\$477

## MOUNTING BRACKETS/DROP MOUNTS

Item #	Description	Color	Retail
13-1247	Mounting Bracket, 7 ¾" L (2" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$58.85
13-1248	Mounting Bracket, 9 ¾" L (4" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$69.55
13-1249	Mounting Bracket, 11 ¾" L (6" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$85.60
13-1246-BL	Drop Mount Heater Assembly (Extends 29" to 72") (Set Of 2)	Black	\$265
13-1246-WH	Drop Mount Heater Assembly (Extends 29" to 72") (Set Of 2)	White	\$265



C & CD Series  
Cut Sheet



39" Flush Mount  
Frame Drawing



61 ¼" Flush Mount  
Frame Drawing

See page 27 for 240V Replacement Elements.

Custom color matching is available for an additional charge. Call Empire Distributing for a quote.

# CD-SERIES DUAL ELEMENT

304 Stainless Steel

INFRATECH  
COMFORT



White

Almond

Beige

Biscuit

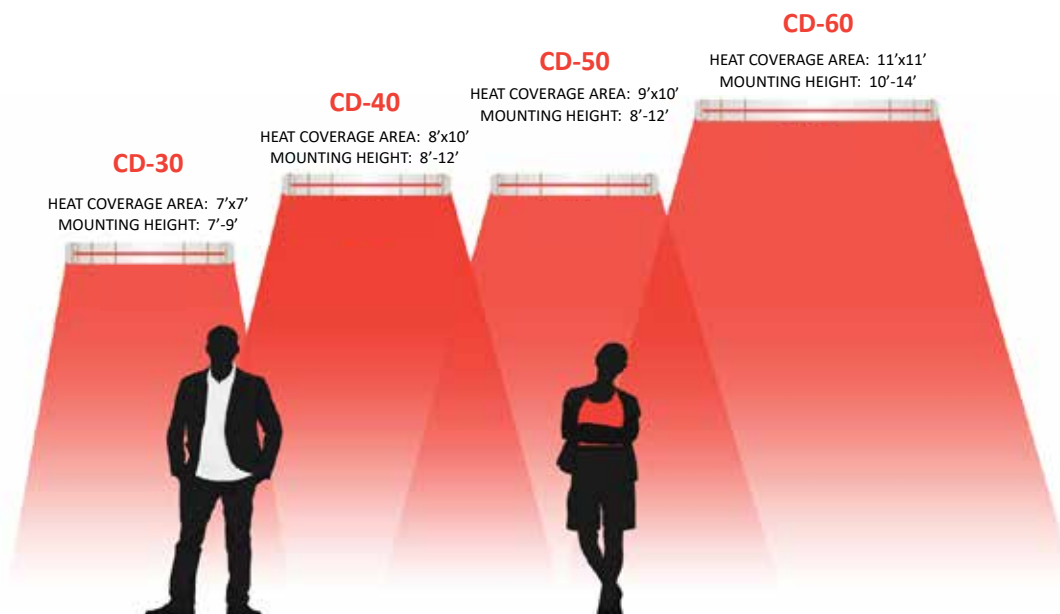
Black

Bronze

Copper

Grey

- The powerful dual-element fixtures provide concentrated heat for larger scale applications.
- The dual element fixtures produce more intense heat and can be mounted up to 12'.
- Fixtures available in lengths of 33", 39", and 61 ¼".
- The **CD-Series** Dual Element fixtures are used in high visual impact locations where their sleek design blends seamlessly.
- Typically installed with custom controls to vary the electric load for comfortable heat in a wide range of conditions.
- May also be installed with duplex/stack switches for a half-power or full-power option.
- Choose from Brushed 304 Stainless Steel, Black, Bronze, White, Almond, Beige, Biscuit, Copper and Grey. See page 9 for stocking colors.
- Features Include: Minimal Clearance Requirements, Recessed Mounting Options, Short Standoffs, and Mounting Heights between 10'-14'.
- Includes: Standard Mounting Brackets that can be used for both wall and ceiling installation.
- Available in 208V (pg 24), 240V (pg 11), 277V (pg 25), and 480V (pg 26). Single Phase or 3 Phase.



*Note: Heat blooms will vary depending on air temperature.*

# CD-SERIES DUAL ELEMENT

304 Stainless Steel

## 240 VOLTS

Select a heater and control system (page 15-23) to make a complete unit.

### CD-SERIES HEATERS 240V

Additional standard non-stocking colors available. See page 10 for color options.

Item #	Model	Watts	Color	Volts	Amps	Length	Retail
21-4000-SS	CD-3024	3,000	Stainless Steel	240	12.5	33"	\$733
21-4100-SS	CD-4024	4,000	Stainless Steel	240	16.7	39"	\$748
21-4100-BLK	CD-4024	4,000	Black	240	16.7	39"	\$798
21-4100-MB	CD-4024	4,000	Bronze	240	16.7	39"	\$798
21-4100-WH	CD-4024	4,000	White	240	16.7	39"	\$798
21-4200-SS	CD-5024	5,000	Stainless Steel	240	20.8	39"	\$760
21-4200-BLK	CD-5024	5,000	Black	240	20.8	39"	\$810
21-4200-MB	CD-5024	5,000	Bronze	240	20.8	39"	\$810
21-4200-WH	CD-5024	5,000	White	240	20.8	39"	\$810
21-4300-SS	CD-6024	6,000	Stainless Steel	240	25	61 1/4"	\$877
21-4300-BLK	CD-6024	6,000	Black	240	25	61 1/4"	\$927
21-4300-MB	CD-6024	6,000	Bronze	240	25	61 1/4"	\$927
21-4300-WH	CD-6024	6,000	White	240	25	61 1/4"	\$927

### RECESSED/FLUSH MOUNT OPTIONS

Used to recess heaters into flat ceiling. Please refer to heater manual for detailed framing instructions.

Note: The color of the heater will not be visible once recessed into the ceiling.

Standard non-stocking colors available add an additional \$50 per kit. See page 10 for color options.

Item #	Description	Color	Heater Length	Framing Dimensions	Retail
18-2295-SS*	Flush Mount Frame	Stainless Steel	33"	37"L x 11 3/4"W x 8"H	\$391
18-2300-SS	Flush Mount Frame	Stainless Steel	39"	43"L x 11 3/4"W x 8"H	\$401
18-2300-BLK	Flush Mount Frame	Black	39"	43"L x 11 3/4"W x 8"H	\$451
18-2300-WH	Flush Mount Frame	White	39"	43"L x 11 3/4"W x 8"H	\$451
18-2305-SS	Flush Mount Frame	Stainless Steel	61 1/4"	65 1/4"L x 11 3/4"W x 8"H	\$427
18-2305-BLK	Flush Mount Frame	Black	61 1/4"	65 1/4"L x 11 3/4"W x 8"H	\$477
18-2305-WH	Flush Mount Frame	White	61 1/4"	65 1/4"L x 11 3/4"W x 8"H	\$477

### MOUNTING BRACKETS/DROP MOUNTS

Item #	Description	Color	Retail
13-1247	Mounting Bracket, 7 3/8" L (2" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$58.85
13-1248	Mounting Bracket, 9 3/8" L (4" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$69.55
13-1249	Mounting Bracket, 11 3/8" L (6" longer than standard 6" bracket) (Set Of 2)	Stainless Steel	\$85.60
13-1246-BL	Drop Mount Heater Assembly (Extends 29" to 72") (Set Of 2)	Black	\$265
13-1246-BR	Drop Mount Heater Assembly (Extends 29" to 72") (Set Of 2)	Bronze	\$265
13-1246-WH	Drop Mount Heater Assembly (Extends 29" to 72") (Set Of 2)	White	\$265

\*Special Order



C & CD Series  
Cut Sheet



33" Flush Mount  
Frame Drawing



39" Flush Mount  
Frame Drawing



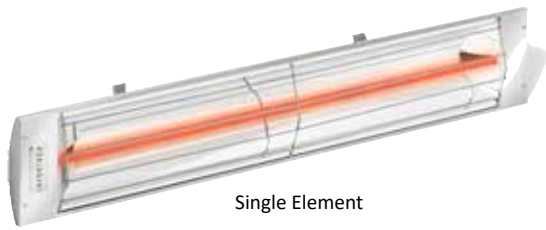
61 1/4" Flush Mount  
Frame Drawing

# CD-SERIES SINGLE & DUAL

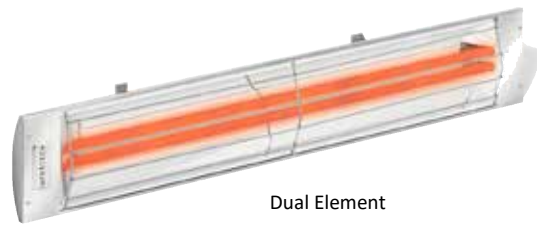
316 Marine Grade



INFRATECH  
COMFORT

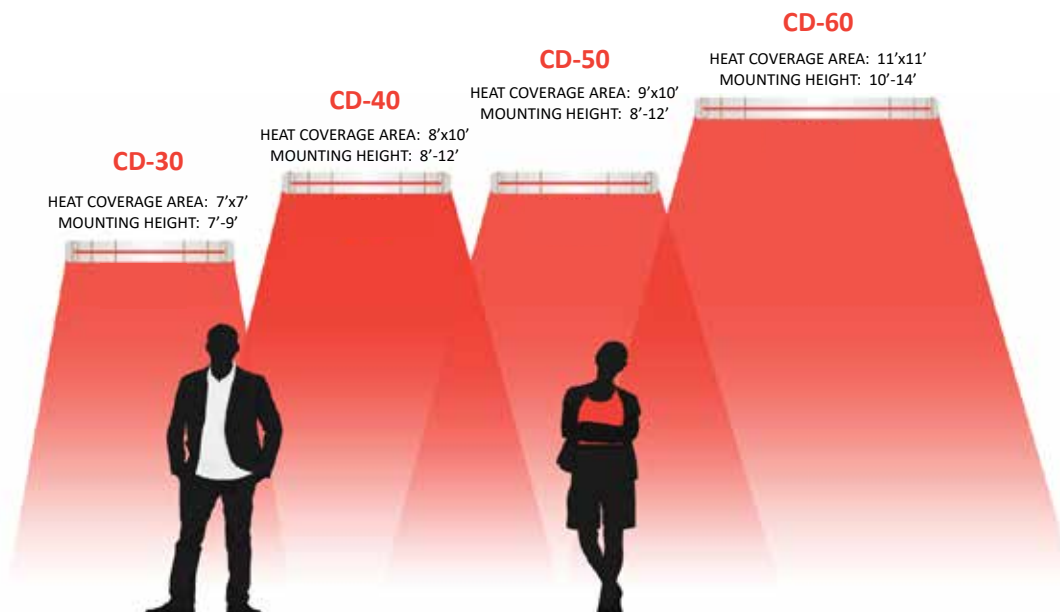


Single Element



Dual Element

- The powerful dual-element fixtures provide concentrated heat for larger scale applications.
- The dual element fixtures produce more intense heat and can be mounted up to 12'.
- Fixtures available in lengths of 33", 39", and 61 1/4".
- The **CD-Series** Dual Element fixtures are used in high visual impact locations where their sleek design blends seamlessly.
- Typically installed with custom controls to vary the electric load for comfortable heat in a wide range of conditions.
- May also be installed with duplex/stack switches for a half-power or full-power option.
- Features Include: Minimal Clearance Requirements, Recessed Mounting Options, Short Standoffs, and Mounting Heights between 10'-14'.
- Includes: Standard Mounting Brackets that can be used for both wall and ceiling installation.
- Available in 208V (pg 24), 240V (pg 13), 277V (pg 25), and 480V (pg 26). Single Phase or 3 Phase.
- Upgrade any 240V Marine Grade Heater to a different Voltage by simply ordering the correct length and voltage replacement elements.
- 316 Marine Grade heaters can be installed near corrosive environments.



*Note: Heat blooms will vary depending on air temperature.*

# CD-SERIES DUAL

316 Marine Grade

## 240 VOLTS



Select a heater and control system (page 15-23) to make a complete unit.

## DUAL ELEMENT HEATERS

Item #	Model	Watts	Color	Volts	Amps	Length	Retail
21-4100-MG*	CD-4024	4,000	Marine Grade 316 Stainless Steel	240	16.7	39"	\$998
21-4200-MG	CD-5024	5,000	Marine Grade 316 Stainless Steel	240	20.8	39"	\$1,010
21-4300-MG	CD-6024	6,000	Marine Grade 316 Stainless Steel	240	25	61 ¼"	\$1,127

## RECESSED/FLUSH MOUNT OPTIONS

Used to recess heaters into ceiling. Please refer to heater manual for detailed framing instructions.

Note: The color of the heater will not be visible once recessed into the ceiling.

Item #	Description	Color	Heater Length	Framing Dimensions	Retail
18-2300-MG	Flush Mount Frame	Marine Grade 316 Stainless Steel	39"	43" L x 11 ¾" W x 8" H	\$651
18-2305-MG	Flush Mount Frame	Marine Grade 316 Stainless Steel	61 ¼"	65 ¼" L x 11 ¾" W x 8" H	\$677

\*Special Order



C & CD Series  
Cut Sheet



39" Flush Mount  
Frame Drawing



61 ¼" Flush Mount  
Frame Drawing

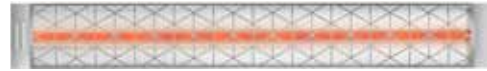
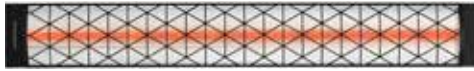
See page 27 for 240V Replacement Elements.

Custom color matching is available for an additional charge. Call Empire Distributing for a quote.

# MOTIF COLLECTION

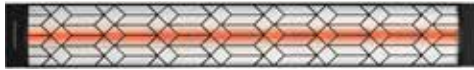
The Motif collection offers stylish, laser-cut decorative fascias that can be added to the C-Series and CD-Series heaters. Available in black or stainless steel. **NOTE: Cannot be used with a flush mount heating application.**

## CONTEMPORARY



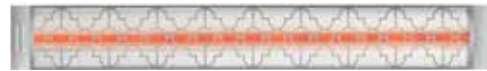
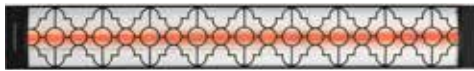
Item #	Element	Fits	Color	Retail
19-1000-BL1-S*	Single	39"	Black	\$96.30
19-1000-SS1-S*	Single	39"	Stainless Steel	\$96.30
19-1005-BL1-S*	Single	61 1/4"	Black	\$115.50
19-1005-SS1-S*	Single	61 1/4"	Stainless Steel	\$115.50
19-1000-BL1-D	Dual	39"	Black	\$96.30
19-1000-SS1-D	Dual	39"	Stainless Steel	\$96.30
19-1005-BL1-D	Dual	61 1/4"	Black	\$115.50
19-1005-SS1-D	Dual	61 1/4"	Stainless Steel	\$115.50

## CRAFTSMAN



Item #	Element	Fits	Color	Retail
19-1000-BL2-S*	Single	39"	Black	\$96.30
19-1000-SS2-S*	Single	39"	Stainless Steel	\$96.30
19-1005-BL2-S*	Single	61 1/4"	Black	\$115.50
19-1005-SS2-S*	Single	61 1/4"	Stainless Steel	\$115.50
19-1000-BL2-D*	Dual	39"	Black	\$96.30
19-1000-SS2-D*	Dual	39"	Stainless Steel	\$96.30
19-1005-BL2-D	Dual	61 1/4"	Black	\$115.50
19-1005-SS2-D	Dual	61 1/4"	Stainless Steel	\$115.50

## MEDITERRANEAN



Item #	Element	Fits	Color	Retail
19-1000-BL3-S*	Single	39"	Black	\$96.30
19-1000-SS3-S*	Single	39"	Stainless Steel	\$96.30
19-1005-BL3-S*	Single	61 1/4"	Black	\$115.50
19-1005-SS3-S*	Single	61 1/4"	Stainless Steel	\$115.50
19-1000-BL3-D*	Dual	39"	Black	\$96.30
19-1000-SS3-D*	Dual	39"	Stainless Steel	\$96.30
19-1005-BL3-D*	Dual	61 1/4"	Black	\$115.50
19-1005-SS3-D*	Dual	61 1/4"	Stainless Steel	\$115.50

## TRADITIONAL



Item #	Element	Fits	Color	Retail
19-1000-BL4-S*	Single	39"	Black	\$96.30
19-1000-SS4-S*	Single	39"	Stainless Steel	\$96.30
19-1005-BL4-S*	Single	61 1/4"	Black	\$115.50
19-1005-SS4-S*	Single	61 1/4"	Stainless Steel	\$115.50
19-1000-BL4-D*	Dual	39"	Black	\$96.30
19-1000-SS4-D*	Dual	39"	Stainless Steel	\$96.30
19-1005-BL4-D*	Dual	61 1/4"	Black	\$115.50
19-1005-SS4-D*	Dual	61 1/4"	Stainless Steel	\$115.50

## WE HAVE THE RIGHT CONTROL SYSTEM FOR ANY SITUATION, ANY BUDGET.

- Infratech custom heating systems help outdoor spaces transition into comfortable sites for entertaining. In addition to standard colors, sizes, control options and heating capacities, our associates are pleased to work with customers in order to design one-of-a-kind solutions for your home or business.
- The finest hotels and resorts use Infratech to design custom heaters and control packages that seamlessly integrate into the total design and style of their properties. Working directly with clients, designers, architects and engineers, Infratech can develop new heater shapes, colors and profiles that are unique to your specific project.
- Infratech designs and manufactures custom UL Listed 508 controls to regulate much more than just heat output. Our custom controls come with timer capabilities and can be integrated with Home Management Systems.

## What Control System is Right for You?

### VALUE CONTROLS See page 16-23



#### ON/OFF SINGLE SWITCH

- Your Simple On/Off Switches may be used in conjunction with all single element heaters.
- Ideal low cost option for your single element heaters
- 20 Amp max per switch
- Wire your heater to the switch, then the switch to your electrical service panel.
- Recommended to be used with C Series and Slimline heaters



#### ON/OFF DUPLEX STACK SWITCH

- Your Duplex Stack Switches may be used with all dual element heaters.
- Ideal low cost option for your dual element heaters allowing you to turn on both elements or just 1 element for ½ power.
- 40 Amp max per stack, 20 Amps per switch.
- Wire your heater to the switch, then the switch to your electrical service panel
- Best used with all CD & WD Series heaters

### DIGITAL TIMER CONTACTOR PANEL



- Each Contactor has a maximum of 6000-watt capacity at 240V
- Offered in Single (6000) or Dual (12000) Contactor configuration
- Digital Timer included
- Type 1 Enclosure (Must be mounted indoors)
- UL Listed
- Wiring Diagrams for each configuration
- 3-Year Warranty
- Automate this system by sourcing your own WiFi/Bluetooth 120V switch.



#### INFINITE CONTROL (INF) REGULATOR

- Infratech control allows you to turn up or down the intensity of the heater.
- Each dial has a max of 3,000 Watts allowed.
- Each dial has a max of 15 Amps allowed.
- Controlling each element separately using 2 INF Switches for a Dual Element unit is not recommended.

## ON/OFF SINGLE SWITCH

- Ideal low cost option for your single element heaters
- 20 Amp max per switch
- Wire your heater to the switch, then the switch to your electrical service panel.
- Recommended to be used with C Series and Slimline installations.



Single On/Off Switch  
Wall Plate w/ Gang Box  
Item # 14-4400



Single On/Off Switch  
Flush Mount w/ Weatherproof Cover  
Item # 14-4410



Single On/Off Switch  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4420



Dual On/Off Switch  
Wall Plate w/ Gang Box  
Item # 14-4405



Dual On/Off Switch  
Flush Mount w/ Weatherproof Cover  
Item # 14-4415



Dual On/Off Switch  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4425



Single Contactor Panel  
Item # 14-4700



Dual Contactor Panel  
Item # 14-4710



Flush Mount Cover w/ Access Door  
Item # 14-4790

## ON/OFF SINGLE SWITCH

Item #	Switch	Mount	Housing Options	Amp per Pole	Retail
14-4400	Single	Flush	SS Wall Plate and Gang Box	20	\$89
14-4410	Single	Flush	Weatherproof Cover	20	\$103
14-4420	Single	Surface	Weatherproof Box and Cover	20	\$116
14-4405	Dual	Flush	SS Wall Plate and Gang Box	20	\$154
14-4415	Dual	Flush	Weatherproof Cover	20	\$177
14-4425	Dual	Surface	Weatherproof Box and Cover	20	\$192

## DIGITAL TIMER CONTACTOR PANEL (Includes one digital timer for use with value controls.)

Item #	Description	Retail
14-4700	Single Contactor Panel - 6,000 W	\$562
14-4710	Dual Contactor Panel - 12,000 W	\$642
14-4790	Flush Mount Cover with Access Door (Requires Contactor Panel)	\$161



## ON/OFF DUPLEX STACK SWITCH

- Duplex Stack Switches may be used with all dual element heaters.
- Ideal low cost option for your dual element heaters allowing you to turn on both elements or just 1 element for ½ power.
- 40 Amp max per stack, 20 Amps per switch.
- Wire your heater to the switch, then the switch to your electrical service panel.
- Recommended to be used with CD & WD Series installations.



Single Duplex Switch  
Wall Plate w/ Gang Box  
Item # 14-4300



Single Duplex Switch  
Flush Mount w/ Weatherproof Cover  
Item # 14-4310



Single Duplex Switch  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4320



Dual Duplex Switch  
Wall Plate w/ Gang Box  
Item # 14-4305



Dual Duplex Switch  
Flush Mount w/ Weatherproof Cover  
Item # 14-4315



Dual Duplex Switch  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4325



Single Contactor Panel  
Item # 14-4700



Dual Contactor Panel  
Item # 14-4710



Flush Mount Access Door Only  
Item # 14-4790

## ON/OFF DUPLEX STACK SWITCH

Item #	Switch	Mount	Housing Options	Amp per Pole	Retail
14-4300	Single Duplex	Flush	SS Wall Plate and Gang Box	20	\$103
14-4310	Single Duplex	Flush	Weatherproof Cover	20	\$116
14-4320	Single Duplex	Surface	Weatherproof Box and Cover	20	\$127
14-4305	Dual Duplex	Flush	SS Wall Plate and Gang Box	20	\$166
14-4315	Dual Duplex	Flush	Weatherproof Cover	20	\$190
14-4325	Dual Duplex	Surface	Weatherproof Box and Cover	20	\$203

## DIGITAL TIMER CONTACTOR PANEL (Includes one digital timer for use with value controls.)

Item #	Description	Retail
14-4700	Single Contactor Panel - 6,000 W	\$562
14-4710	Dual Contactor Panel - 12,000 W	\$642
14-4790	Flush Mount Cover with Access Door (Requires Contactor Panel)	\$161

## INFINITE CONTROL (INF) REGULATOR

- This control allows you to turn up or down the intensity of the heater.
- Each dial has a max of 3,000 Watts allowed.
- Each dial has a max of 15 Amps allowed.
- Controlling each element separately using 2 INF Switches for a CD unit is not recommended.



Single INF Control  
Wall Plate w/ Gang Box  
Item # 14-4200



Single INF Control  
Flush Mount w/ Weatherproof Cover  
Item # 14-4210



Single INF Control  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4220



Dual INF Control  
Wall Plate w/ Gang Box  
Item # 14-4205



Dual INF Control  
Flush Mount w/ Weatherproof Cover  
Item # 14-4215



Dual INF Control  
Surface Mount w/ Weatherproof Box & Cover  
Item # 14-4225

## INFINITE CONTROL REGULATOR

Item #	Switch	Mount	Housing Options	Amp Max	Retail
14-4200	Single	Flush	Wall Plate w/ Deep Gang Box	15	\$103
14-4210	Single	Flush	Weatherproof Cover	15	\$116
14-4220	Single	Surface	Weatherproof Box and Cover	15	\$127
14-4205	Dual	Flush	Wall Plate w/ Deep Gang Box	15	\$166
14-4215	Dual	Flush	Weatherproof Cover	15	\$190
14-4225	Dual	Surface	Weatherproof Box and Cover	15	\$203



## UNIVERSAL CONTROL PANEL

See page 20

- 120V Universal Slide Dimmer provided for convenience (1 per Relay)
- The Universal Control is a complete solution that will work with almost any 120V lighting system
- Universal Control Panel is 508/UL-listed and made in the USA
- A WiFi/Bluetooth switch can be purchased separately for operation from your smart phone
- Compatible with Alexa, Google Home Assistant, or Lutron Caseta Switches



## HOME MANAGEMENT SYSTEM

See page 21

- Infratech's Home Management Control is compatible with top selling systems like Savant™, Lutron™, Crestron™, Control 4™, and others.
- Infratech's simple interface requires a 0-10V DC signal for streamlined installation and straightforward programming.
- This control option allows the user the ability to save preferred heat settings for off-site control via mobile device, control zones, heat intensity, timer functions, and more!



## SOLID STATE RELAY PACKAGE

See page 22

- Infratech's Solid State Controls are engineered for your individual project and suitable for commercial or residential installations of any size.
- Multiple zoning capabilities.
- Adjust the intensity of heat of one or more heaters in a specified target area with Infratech's analog dial controls.
- Controls are built to UL 508 listing, which is a higher safety standard than the National Electric Code (NEC).
- Heaters are hard wired directly to the Solid State Relay Panel.
- Tested before leaving the factory, and provided with wiring diagrams for each installation.

## UNIVERSAL CONTROLS

A luxury home where convenience is at a premium. A scenic resort where a seamless look is desired. An exclusive hot spot with multiple heating zones.

At Infratech, we know that our customers have different needs when it comes to the controls they choose for their properties. This is why we offer a broad range of custom control options that allow you to enjoy your Infratech heaters “your way”. From comprehensive Solid State Control Packages to Smart Home Integration Panels, and now our new Universal Control Panel that enables you to choose your own switches. There’s an Infratech custom control that can help you unlock the versatility, functionality, convenience and comfort you desire from your Infratech heating system.



### UNIVERSAL CONTROL PANEL

- 120V Universal Slide Dimmer provided for convenience (1 per Relay).
- The Universal Control is a complete solution that will work with almost any 120V lighting system.
- Universal Control Panel is 508/UL-listed and made in the USA.
- A WiFi/Bluetooth switch can be purchased separately for operation from your smart phone.
- Compatible with Alexa

### SPECIFICATIONS

- Each relay has a max capacity of 9,000 Watts.
- Control (3) 3,000 Watt heaters off 1 Relay, or (1) 6,000 Watt heater off 1 Relay.
- Do NOT mix heater wattages on a single relay.
  - **EXAMPLE:** You can NOT put a 3,000 Watt heater and a 6,000 Watt heater on the same relay.
- Infratech advertises up to a 6 Relay Control Panel, however the number of relays can be unlimited if the power supply is adequate. (Call for quote.)
- Each switch can control up to three (3) relays.

### UNIVERSAL CONTROLS

Item #	Description	Retail
30-4071	1 Relay Universal Control (Includes: 1 Dimmer Switch)	\$1,808
30-4072	2 Relay Universal Control (Includes: 2 Dimmer Switches)	\$2,495
30-4073	3 Relay Universal Control (Includes: 3 Dimmer Switches)	\$3,692
30-4074	4 Relay Universal Control (Includes: 4 Dimmer Switches)	\$4,264
30-4075	5 Relay Universal Control (Includes: 5 Dimmer Switches)	\$5,575
30-4076	6 Relay Universal Control (Includes: 6 Dimmer Switches)	\$6,159
30-4070	Custom Control Panel	Call

## FOR USE IN CONJUNCTION WITH YOUR HOME MANAGEMENT SYSTEM

- Infratech’s Home Management Control is compatible with top selling Home Management Systems like Savant Lutron™, Crestron™, Control 4™, and others.
- Infratech’s simple interface requires a 0-10V DC signal for streamlined installation and straightforward programming.
- Control option allows the user the ability to save preferred heat settings for off-site control via mobile device, control zones, heat intensity, timer functions, and more!



## SPECIFICATIONS

- Each relay has a max capacity of 9,000 Watts.
- Do NOT mix heater Watts on a single relay.
  - **EXAMPLE:** Control (3) 3,000 Watt heaters off 1 Relay, or (1) 6,000 Watt heater off 1 Relay.
  - **EXAMPLE:** Do NOT put a 3,000 Watt heater and a 6,000 Watt heater on the same relay.
- The relay box is installed as a sub-panel. The heaters are connected to the relay box, then the relay box connects to the electrical service panel.
- Infratech advertises up to a 6 Relay Control Panel, however the number of relays can be unlimited if the power supply is adequate. (Call for quote.)
- Zone and timer capability is set up by the smart home system installer.

## HOME MANAGEMENT RELAY PANEL (Compatible with all voltages.)

For use in conjunction with your home management system.

Item #	Description	Retail
30-4061	1 Relay Home Management Control	\$1,808
30-4062	2 Relay Home Management Control	\$2,495
30-4063	3 Relay Home Management Control	\$3,692
30-4064	4 Relay Home Management Control	\$4,264
30-4065	5 Relay Home Management Control	\$5,575
30-4066	6 Relay Home Management Control	\$6,159
30-4070	CUSTOM Control Panels	Call



## CONSISTS OF A SOLID STATE RELAY PANEL AND ZONE ANALOG CONTROLLERS

- Infratech's Solid State Controls are engineered for your individual project and suitable for commercial or residential installations of any size.
- Multiple zoning capabilities.
- Allows the option to adjust the intensity of heat for one or more heaters in an area.
- Controls are built to UL 508 listing, which is a higher safety standard than the National Electric Code (NEC).
- Heaters are hard wired directly to the Solid State Relay Panel.
- Tested before leaving the factory, and provided with wiring diagrams for each installation.

### SOLID STATE RELAY PANEL



**Up to 9000 Watts on each Relay**  
**(3) 3,000 Watts, (2) 4,000 Watts, (1) 5,000 or 6,000 Watts**  
**Must be the same wattage on relay.**

### TWO ZONE ANALOG CONTROLLER W/ DIGITAL TIMER



**Up to 3 Relays on each heat intensity knob.**

### ZONE ANALOG CONTROLLER PLACEMENT

- NEMA 12 Rated, will need to be mounted in a well-protected covered area.
- Zone Analog Controllers can be installed in any suitable location that will make it convenient to control the heater(s).
- Custom NEMA 4 housing also available upon special order.
- The timer has 5 settings from 15 minutes to 4 hours.

### SOLID STATE RELAY PLACEMENT

- Surface Mount in a well ventilated area.
- Heat Sinks are the 1" deep Aluminum Extrusions on the left and right sides of the panel. It is suggested the power be brought in through the top or bottom of the panel (not from the back).
- Minimum clearance is 6" on each side, 12" from the top and bottom.
- Additional clearance will be needed if placed in a poorly ventilated area.
- NEMA 4 Rated, which is completely weather resistant.
- Must be accessible per National Electric Code (NEC).



# SOLID STATE RELAY & CONTROLS



## SPECIFICATIONS

- Each relay has a max capacity of 9,000 Watts.
- Each heater on a single relay must be the same wattage.
- The relay box is installed as a sub-panel. The heaters are connected to the sub-panel, then the sub-panel connects to the main electrical service panel.
- Each Control Knob can control up to 3 Relays.
  - **EXAMPLE:** Control (3) 3,000 Watt heaters from 1 Relay, then Control 3 Relays from 1 Solid State Dial Control - Giving you the ability to control 9 heaters with 1 control knob.

Select one Solid State Relay Control and a Solid State Relay Panel to make a complete package.

## SOLID STATE RELAY CONTROLS (Solid State Relay Panel Required)

Must order voltage specific. Compatible with all voltages.

Item #	Description	Retail
30-4045	1 Zone Analog Controller w/ Digital Timer	\$669
30-4046	2 Zone Analog Controller w/ Digital Timer	\$841
30-4047	3 Zone Analog Controller w/ Digital Timer	\$1,024
30-4048	4 Zone Analog Controller w/ Digital Timer	\$1,207

### ZONE ANALOG CONTROLLER W/ DIGITAL TIMER



- Up to 3 Relays on each heat intensity knob.

## SOLID STATE RELAY PANELS (Solid State Relay Controls Required)

Must order voltage specific. Compatible with all voltages.

Item #	Description	Retail
30-4051	1 Relay Control Panel	\$1,007
30-4052	2 Relay Control Panel	\$1,316
30-4053	3 Relay Control Panel	\$1,671
30-4054	4 Relay Control Panel	\$2,032
30-4055	5 Relay Control Panel	\$2,444
30-4056	6 Relay Control Panel	\$2,873

### SOLID STATE RELAY PANEL





Special  
Order

## SLIMLINE SERIES *(Single Element)*

Item #	Description	Retail
<b>1600 Watts, 29 1/2" in Length, 7.7 Amps</b>		
21-4997-SLV	SL-1628, 208 Volts Silver	\$647
21-4997-BLK	SL-1628, 208 Volts Black	\$647
<b>2400 Watts, 42 1/2" in Length, 11.5 Amps</b>		
21-5010-SLV	SL-2428, 208 Volts Silver	\$834
21-5010-BLK	SL-2428, 208 Volts Black	\$834
<b>3000 Watts, 63 1/2" in Length, 14.4 Amps</b>		
21-5050-SLV	SL-3028, 208 Volts Silver	\$952
21-5050-BLK	SL-3028, 208 Volts Black	\$952
<b>4000 Watts, 63 1/2" in Length, 19.2 Amps</b>		
21-5090-SLV	SL-4028, 208 Volts Silver	\$968
21-5090-BLK	SL-4028, 208 Volts Black	\$968

**Note for C & CD Heaters:**

Additional standard colors available, add \$50 per heater.

316 Marine Grade heaters can be custom ordered for installs done near large bodies of salt water, or in humid conditions.

Custom color matching is available for an additional charge.

Call Empire Distributing for a quote.

### Slimline Series



Slimline - Black



Slimline - Silver

### C & CD Series



Black



Bronze



White



Almond



Beige



Biscuit



Copper



Grey

## C-SERIES *(Single Element)*

Item #	Description	Retail
<b>1500 Watt, 33" in Length, 7 Amps</b>		
21-3010-SS	C-1528, 208 Volts Stainless Steel	\$545
<b>2000 Watts, 39" in Length, 10 Amps</b>		
21-3020-SS	C-2028, 208 Volts Stainless Steel	\$601
<b>2500 Watts, 39" in Length, 12 Amps</b>		
21-3110-SS*	C-2528, 208 Volts Stainless Steel	\$612
<b>3000 Watts, 61 1/4" in Length, 14 Amps</b>		
21-3220-SS	C-3028, 208 Volts Stainless Steel	\$733
<b>4000 Watts, 61 1/4" in Length, 19 Amps</b>		
21-3320-SS	C-4028, 208 Volts Stainless Steel	\$748

## CD-SERIES *(Dual Element)*

Item #	Description	Retail
<b>3000 Watts, 33" in Length, 14 Amps</b>		
21-4010-SS	CD-3028, 208 Volts Stainless Steel	\$733
<b>4000 Watts, 39" in Length, 19 Amps</b>		
21-4110-SS	CD-4028, 208 Volts Stainless Steel	\$748
<b>5000 Watts, 39" in Length, 24 Amps</b>		
21-4210-SS*	CD-5028, 208 Volts Stainless Steel	\$760
<b>6000 Watts, 61 1/4" in Length, 28.8 Amps</b>		
21-4310-SS*	CD-6028, 208 Volts Stainless Steel	\$877

\*Stocking

## REPLACEMENT ELEMENTS - 208V

Item #	Description	Fixtures	Retail
10-1060	30" 1500 Watt Element	C-1528, W-1528, CD-3028, WD-3028	\$86
10-1095*	36" 2000 Watt Element	C-2028, W-2028, CD-4028, WD-4028	\$116
10-2020*	36" 2500 Watt Element	C-2528, W-2528, CD-5028, WD-5028	\$116
10-2040*	58" 3000 Watt Element	C-3028, W-3028, CD-6028, WD-6028	\$154
10-2065*	58" 4000 Watt Element	C-4028, W-4028	\$154
10-7032	22 3/8" 1600 Watt Element	SL-1628	\$86
10-7040	35 3/8" 2400 Watt Element	SL-2428	\$116
10-7060	56 3/8" 3000 Watt Element	SL-3028	\$155
10-7080*	56 3/8" 4000 Watt Element	SL-4028	\$155

\*Stocking





## SLIMLINE SERIES *(Single Element)*

Item #	Description	Retail
<b>2400 Watts, 42 ½" in Length, 8.7 Amps</b>		
21-5030-SLV	SL-2427, 277 Volts Silver	\$834
21-5030-BLK	SL-2427, 277 Volts Black	\$834
<b>3000 Watts, 63 ½" in Length, 10.8 Amps</b>		
21-5070-SLV	SL-3027, 277 Volts Silver	\$952
21-5070-BLK	SL-3027, 277 Volts Black	\$952
<b>4000 Watts, 63 ½" in Length, 14.4 Amps</b>		
21-5110-SLV	SL-4027, 277 Volts Silver	\$968
21-5110-BLK	SL-4027, 277 Volts Black	\$968

**Note for C & CD Heaters:**

Additional standard colors available, add \$50 per heater.

316 Marine Grade heaters can be custom ordered for installs done near large bodies of salt water, or in humid conditions.

Custom color matching is available for an additional charge.  
Call Empire Distributing for a quote.

### Slimline Series



Slimline - Black



Slimline - Silver

### C & CD Series



Black



Bronze



White



Almond



Beige



Biscuit



Copper



Grey

## C-SERIES *(Single Element)*

Item #	Description	Retail
<b>2000 Watts, 39" in Length, 7 Amps</b>		
21-3030-SS	C-2027, 277 Volts Stainless Steel	\$601
<b>2500 Watts, 39" in Length, 9 Amps</b>		
21-3130-SS	C-2527, 277 Volts Stainless Steel	\$612
<b>3000 Watts, 61 ¼" in Length, 11 Amps</b>		
21-3210-SS	C-3027, 277 Volts Stainless Steel	\$733
<b>4000 Watts, 61 ¼" in Length, 14 Amps</b>		
21-3310-SS	C-4027, 277 Volts Stainless Steel	\$748

## CD-SERIES *(Dual Element)*

Item #	Description	Retail
<b>3000 Watts, 33" in Length, 11 Amps</b>		
21-4030-SS	CD-3027, 277 Volts Stainless Steel	\$733
<b>4000 Watts, 39" in Length, 14 Amps</b>		
21-4130-SS	CD-4027, 277 Volts Stainless Steel	\$748
<b>5000 Watts, 39" in Length, 18 Amps</b>		
21-4230-SS	CD-5027, 277 Volts Stainless Steel	\$760
<b>6000 Watts, 61 ¼" in Length, 21.7 Amps</b>		
21-4330-SS	CD-6027, 277 Volts Stainless Steel	\$877

## REPLACEMENT ELEMENTS - 277V

Item #	Description	Fixtures	Retail
10-1090*	36" 2000 Watt Element	C-2027, W-2027, CD-4027, WD-4027	\$116
10-2015*	36" 2500 Watt Element	C-2527, W-2527, CD-5027, WD-5027	\$116
10-2035*	58" 3000 Watt Element	C-3027, W-3027, CD-6027, WD-6027	\$154
10-2060*	58" 4000 Watt Element	C-4027, W-4027	\$154
10-7050	35 ⅜" 2400 Watt Element	SL-2427	\$116
10-7070	56 ⅜" 3000 Watt Element	SL-3027	\$155
10-7090	56 ⅜" 4000 Watt Element	SL-4027	\$155

\*Stocking

# 480 VOLTS



# INFRATECH

COMFORT

## C-SERIES *(Single Element)*

Item #	Description	Retail
<b>2000 Watts, 39" in Length, 4 Amps</b>		
21-3025-SS	C-2048, 480 Volts Stainless Steel	\$601
<b>2500 Watts, 39" in Length, 5 Amps</b>		
21-3120-SS	C-2548, 480 Volts Stainless Steel	\$612
<b>3000 Watts, 61 1/4" in Length, 6 Amps</b>		
21-3230-SS	C-3048, 480 Volts Stainless Steel	\$733
<b>4000 Watts, 61 1/4" in Length, 8.3 Amps</b>		
21-3330-SS	C-4048, 480 Volts Stainless Steel	\$748

## CD-SERIES *(Dual Element)*

Item #	Description	Retail
<b>3000 Watts, 33" in Length, 6 Amps</b>		
21-4020-SS	CD-3048, 480 Volts Stainless Steel	\$733
<b>4000 Watts, 39" in Length, 8.3 Amps</b>		
21-4120-SS	CD-4048, 480 Volts Stainless Steel	\$748
<b>5000 Watts, 39" in Length, 10.4 Amps</b>		
21-4220-SS	CD-5048, 480 Volts Stainless Steel	\$760
<b>6000 Watts, 61 1/4" in Length, 12.5 Amps</b>		
21-4320-SS	CD-6048, 480 Volts Stainless Steel	\$877

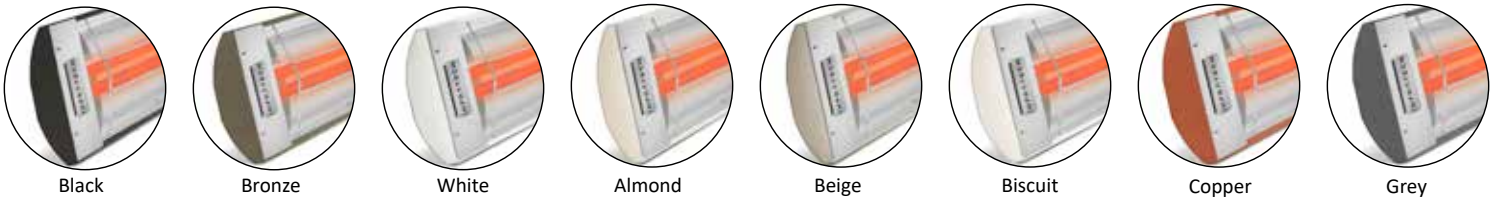


**Note for C & CD Heaters:**

Additional standard colors available, add \$50 per heater.  
316 Marine Grade heaters can be custom ordered for installs done near large bodies of salt water, or in humid conditions.

Custom color matching is available for an additional charge.  
Call Empire Distributing for a quote.

### C & CD Series



## REPLACEMENT ELEMENTS - 480V

Item #	Description	Fixtures	Retail
10-2000	36" 2000 Watt Element	C-2048, W-2048, CD-4048, WD-4048	\$116
10-2025	36" 2500 Watt Element	C-2548, W-2548, CD-5048, WD-5048	\$116
10-2045	58" 3000 Watt Element	C-3048, W-3048, CD-6048, WD-6048	\$154
10-2070	58" 4000 Watt Element	C-4048, W-4048	\$154

# 240V REPLACEMENT ELEMENTS/ POLE MOUNTS

## REPLACEMENT ELEMENTS 240V

Item #	Description	Fixtures	Retail
10-7030*	22 3/8" 1600 Watt Element	SL-1624	\$86
10-7035*	35 3/8" 2400 Watt Element	SL-2424	\$116
10-7055	56 3/8" 3000 Watt Element	SL-3024	\$155
10-7075	56 3/8" 4000 Watt Element	SL-4024	\$155

## REPLACEMENT ELEMENTS 240V

Item #	Description	Fixtures	Retail
10-1055*	30" 1500 Watt Element	C-1524, W-1524, CD-3024, WD-3024	\$86
10-1085	36" 2000 Watt Element	C-2024, W-2024, CD-4024, WD-4024	\$116
10-2010	36" 2500 Watt Element	C-2524, W-2524, CD-5024, WD-5024	\$116
10-2030	58" 3000 Watt Element	C-3024, W-3024, CD-6024, WD-6024	\$154
10-2055	58" 4000 Watt Element	C-4024, W-4024	\$154

## POLE MOUNT OPTIONS (For C & CD Series Heaters Only)

Note: Pole Mount for Slimline Series - Call for details

Item #	Description	Color	Retail
22-1250*	W39 Pole Mount for 39" Length Heater (96.5"H) (Comes with Cross Bar)	White (Standard)	\$808
22-1255*	W61 Pole Mount for 61 1/4" Length Heater (96.5"H) (Comes with Cross Bar)	White (Standard)	\$808

\*Special Order



Answer these questions to help plan your Infratech Heating Project.

1) How big is the space you are looking to heat? (LxW)

2) What are you trying to heat?  Entire space  Focus on a few areas

3) Can you supply plans, pictures, or drawings of the space?  Yes  No

4) Is your space covered or open?

**COVERED**

Ceiling Type:  Pitched/Vaulted  Flat

Ceiling Height:

Ceiling Material:

**OPEN**

What are you mounting to?

5) Select Heat Type, Electric or Gas/Mounting/Controls:

**ELECTRIC**

Voltage Supply:  208  240  277

Phase:  Single Phase (1PH)  Three Phase

Mounting:  Surface → If Surface, choose:  Wall  Ceiling

Recessed → If Recessed, specify color:

Is there a home automation system present?  Yes  No

Controls:  On/Off  On/Off with Digital Timer  Solid State Relay

Universal Control  Home Management System

Contact Name:

Contact E-mail:

Contact Phone:

Project Name: