INFRATECH

AUTOMOTIVE

ACCELERATE YOUR CURING TIME™

Speed. Adhesion. Control.

WITH INFRATECH AUTOMOTIVE CURING SYSTEMS, THE BEAUTY IS IN THE DETAILS.

Accelerate production in the drying or curing of virtually any air-dry coating, adhesive or two component material with Infratech heating fixtures. Our portable lamps, heat panels, oven components and UL Listed 508 controls offer flexibility, value and rapid payback even when used in the most demanding production applications.

EXCEPTIONAL SPEED

Infratech's exceptionally fast finish dry times are often one-quarter or more faster than air-drying. Infrared energy also requires little to no air-flow, thereby minimizing deposits of contaminants in a finish.

HIGH EFFICIENCY

Infrared heat offers significant cost benefits over convection heat. It reduces cycle times, focuses energy on the areas to be cured, and does not require expensive, insulated enclosures to trap and re-circulate heat.

PRECISION CONTROL

Practical, precise electric infrared technology transfers heat directly to your product, without heating the surrounding air, for faster heat transfer and greater control for spot heating.

ZERO EMISSIONS

Unlike natural gas, diesel and propane-fueled equipment, our products are powered by renewable energy sources and generate zero emissions. As a result, you will enjoy faster heating times without NOX, dust, soot, ozone, carbon monoxide or other toxic emissions that are currently regulated, and require permits, reporting logs and specialized monitoring.

Choose Infratech for a wide range of Automotive, Industrial and Vinyl Wrap applications:

- Automotive refinishing including primers, base coats, top coats, fillers, fiberglass repair, two component materials with solvent or waterborne formulas. Infrared can be safely used on plastic, aluminum, steel and fiberglass components.

- Powder coating, forming plastic components, drying decorative finishes on pottery, glass, composites, wood, metal and plastic.

- Virtually any low-temperature heat application between 100º F – 500º F can be accelerated with Infratech electric infrared products.

- Aid in the installation and removal of vinyl wrap. Infrared units assist during wrap removals, post heating, and while installing vinyl. IR heaters warm vinyl at a more uniform rate than the concentrated heat from a heat gun.

- Infratech heaters are also commonly used and very effective with water damage treatments and restoration.

X-RAYS   ULTRAVIOLET   VISIBLE SPECTRUM   INFRARED   RADIO WAVES
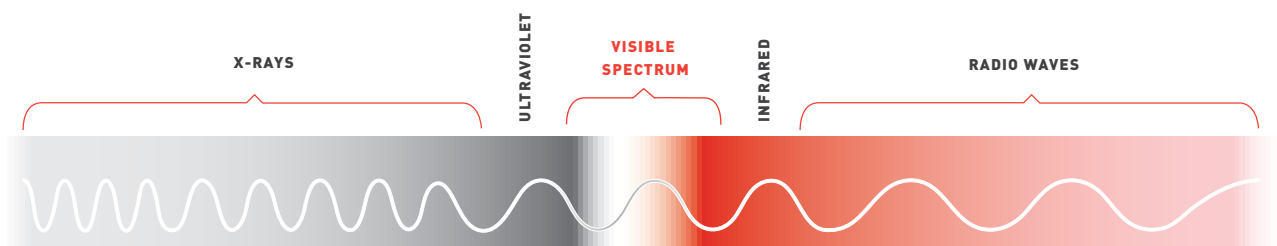
MW

MEDIUM WAVE

The control you want for a flawless finish.

Medium Wave Systems feature quartz elements, which offer uniform and forgiving heating capabilities. Infratech medium wave systems are available in a range of wattages and configurations, to provide heat distribution and faster cure speeds across coverage areas of varying sizes.

CONTROL   ADHESION   COVERAGE

MODEL SRU-1615
Part No. 14-1000

- 1,500 watts of curing power over a 2' x 3' coverage area makes this product ideal for small area repairs
- Heavy-duty stand adjusts to over 6' high for curing hoods and roof lines with new larger casters for enhanced mobility
- Parabolic reflector creates uniform heat distribution
- Energy efficient fixture operates for only pennies per hour
- Also available in 240 volts (Part No. 14-1010)

SPECIFICATIONS

1,500	120	12.5	36"	24
WATTS	VOLTS	AMPS	HEAD	LBS
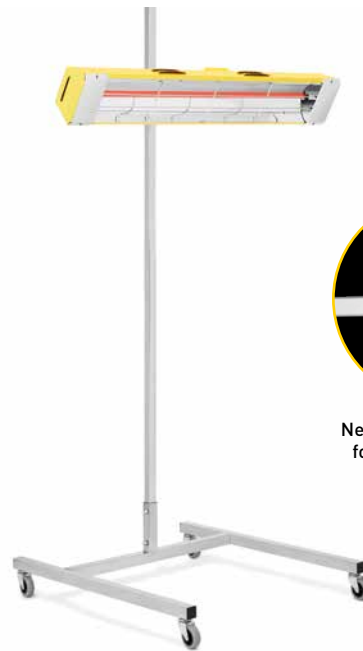
New spring loaded pin for adjusting height

New larger casters for enhanced mobility

MODEL SRU-3215
Part No. 14-1005

- Two 1,500 watt heads (3,000 watts total) offer double the curing power over a 3' x 4' coverage area
- Heavy-duty stand adjusts to over 6' high for curing hoods and roof lines
- Parabolic reflector creates uniform heat distribution
- Energy efficient fixture operates for only pennies per hour
- Also available in 240 volts (Part No. 14-1015)

SPECIFICATIONS

| 3,000	120	25	36"	35
WATTS	VOLTS	AMPS	HEAD	LBS

## MODEL SRU-1615-HT
Part No. 16-1000

- High intensity medium wave fixture offers increased power (2,000 watts) and improved cure times over a 3' x 4' coverage area
- 60-minute timer conserves energy and automatically shuts unit down when curing is complete
- Heavy-duty stand adjusts to over 6' high for curing hoods and roof lines with new larger casters for enhanced mobility
- Parabolic reflector creates uniform heat distribution
- Operates vertically or horizontally, in order to cure hard-to-reach areas, and offers increased flexibility for small repairs
- Also available in 240 volts (Part No. 16-1005)

SPECIFICATIONS

2,000	120	17	36"	26
WATTS	VOLTS	AMPS	HEADS	LBS
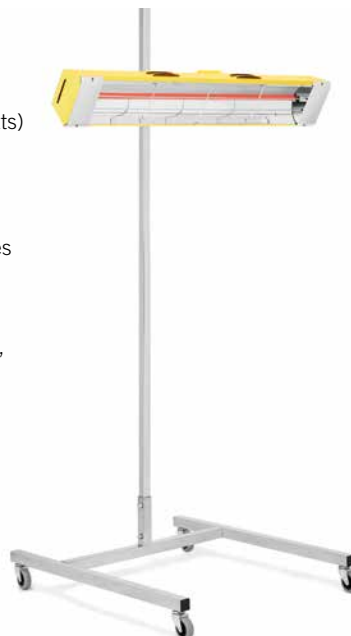
Automatic energy-saving timer
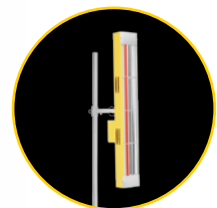
Versatile positioning for spot curing

MODEL S-9000-P
Part No. 14-1100

- 9,000 watts of medium wave infrared curing power over a 6' x 8' coverage area enables this product to accommodate complete multiple panel repairs
- Three zone, solid-state programmable controls include an electronic timer
- Independently controlled curing heads from 0-100% offer maximum efficiency (3,000 watts each)
- Product is designed with narrow frame profile
- Adjustable shock arm provides easy reach for curing hoods and roof lines
- Product is equipped with 50' power cord
- Available in Single or Three Phase (also 208V or 480V)

SPECIFICATIONS

9,000	240	38	61"	240
WATTS	VOLTS	AMPS	HEADS	LBS

MODEL S-2002
Part No. 16-1020

- High intensity medium wave infrared technology offers 4,000 watts of curing power
- Solid-state programmable control features electronic timer for reliability, accuracy and ease of use
- Large 4' x 4' coverage area enables product to accommodate complete panel repairs
- Parabolic reflectors create uniform heat distribution
- Multi-position stand with locking casters is designed with a narrow foot print for greater mobility

SPECIFICATIONS

4,000	240	17	39"	180
WATTS	VOLTS	AMPS	HEADS	LBS

Programmable digital controls

MODEL S-2005
Part No. 16-1030 (shown)

- 17,000 watts of curing power for multiple panel repairs
- Independently controlled zones - 8,000-watt top (4,000 watts each) and 9,000-watt bottom (3,000 watts each) curing heads
- Two single zone solid state, programmable controls with factory set cycle time
- Adjustable shock arm and narrow frame profile
- Equipped with 50' power cord
- Available in Single or Three Phase (also 208V or 480V)

MODEL S-2005-IR
Part No. 16-1040

- Product includes same quality features as S-2005 with additional infrared sensor
- IR Sensor automatically adjusts the heat output to a set temperature

SPECIFICATIONS

17,000	240	38	61"	285
WATTS	VOLTS	AMPS	HEADS	LBS

- Adjustable shock arm extends to over 7' high, and provides easy reach for hoods and roof sections
- Product is equipped with 25' power cord

MODEL S-2002-IR
Part No. 16-1035 (shown)

- Product includes same quality features as S-2002 with additional infrared sensor
- Digital controls provide complete accuracy and enhanced ease of use
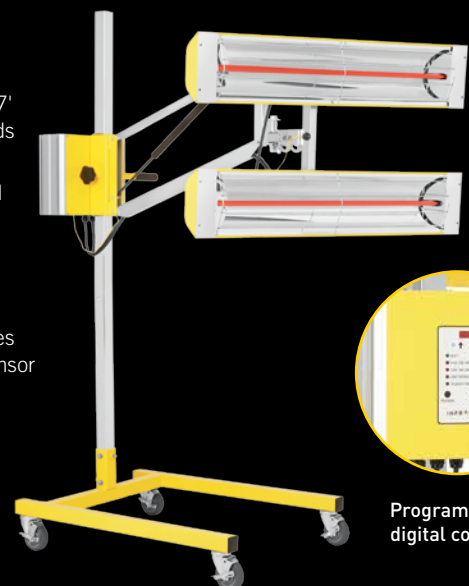
Programmable digital controls

SW

SHORT WAVE

Faster curing times — every time.

Short Wave Systems feature halogen elements, which offer hotter, faster, more efficient heating capabilities. Infratech short wave systems range from 1,000 to 6,000 watts, with quality design features that provide long-term convenience and value.
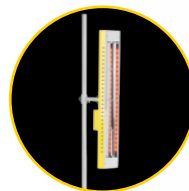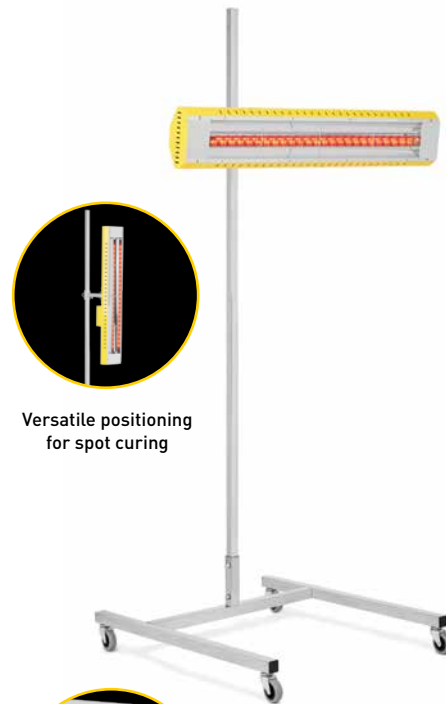
EFFICIENCY   **SPEED**   **INTENSITY**

Versatile positioning
for spot curing

New larger casters for
enhanced mobility

Programmable
digital controls

MODEL SPEED RAY 2
Part No. 17-1015

- 1,650 watts of curing power over a 3' x 4' coverage area enables this product to achieve faster production and shorter cure times

- Vertical or horizontal operation enables this product to cure hard-to-reach areas

- Product is designed with a 60-minute timer shut-down feature, for added energy savings

- Heavy-duty 6' stand enables product to accommodate curing of hoods and roof lines

- Includes iridium-filtered halogen element for reduced glare and added operator safety

- Product features one full length heating element, providing more effective coverage and a lower replacement cost

- Also available in 240 volts (Part No. 17-1017)

SPECIFICATIONS

1,650	120	13.8	35"	25
WATTS	VOLTS	AMPS	HEAD	LBS

New spring loaded pin for adjusting height
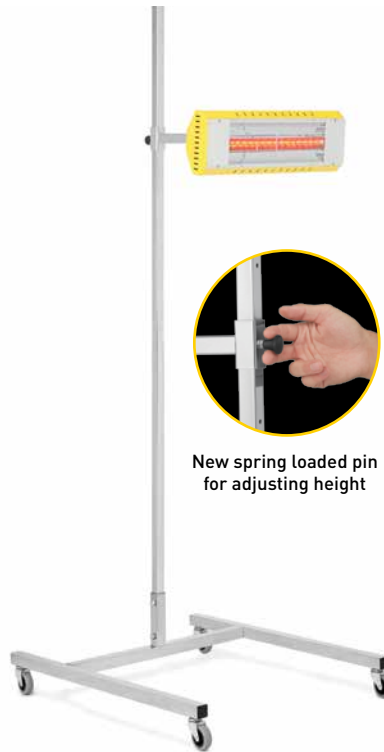
MODEL SR-SPOT
Part No. 17-1012

- Powerful 1,000 watt halogen short wave fixture is ideal for small spot repairs

- Capable of curing fillers, primers, paint and plastic repair materials

- Includes a 60-minute timer to prevent over-baking and minimize wasted energy

- Product features a 14" extension arm, for flexible positioning options over bumper stands

- Includes a durable stand to support the product while curing, to reduce the need for manual positioning

- Fixture can be mounted in a variety of versatile horizontal or vertical positions

- Also available in 240 volts (Part No. 17-1013)

SPECIFICATIONS

1,000	120	8.3	18"	24
WATTS	VOLTS	AMPS	HEAD	LBS

Versatile horizontal and vertical positioning

MODEL SR-4000
Part No. 17-1240

- New iridium short wave 4,000 watt unit offers faster cure times

- Solid-state programmable controls feature electronic timer

- Iridium enhanced quartz halogen element focuses more energy into curing and less into visible light

- Large 4' x 4' coverage area enables product to accommodate complete panel repairs

- Parabolic reflectors create uniform heat distribution

- Adjustable shock arm extends to over 7' high, to provide safe, easy reach for curing hoods and roof sections

- Product design features stand with narrow foot print and locking casters

- Product is equipped with 25' power cord

MODEL SR-4000-IR
Part No. 17-1245 (shown)

- Product includes same quality features as SR-4000 with additional infrared sensor

- Digital controls provide complete accuracy, as well as easy setup and operation

SPECIFICATIONS

4,000	240	17	35"	170
WATTS	VOLTS	AMPS	HEADS	LBS

MODEL SR-6000
Part No. 17-1360

- New iridium short wave 6,000 watt unit offers faster cure times

- Solid-state programmable controls feature electronic timer

- Iridium enhanced quartz halogen element focuses more energy into curing and less into visible light

- Large 4' x 6' coverage area enables product to accommodate complete panel repairs

- Parabolic reflectors create uniform heat distribution

- Adjustable shock arm extends to over 7' high, to provide safe, easy reach for curing hoods and roof sections

- Product is equipped with 25' power cord

MODEL SR-6000-IR
Part No. 17-1365 (shown)

- Product includes same quality features as SR-6000 with additional infrared sensor

- Digital controls provide complete accuracy, as well as easy setup and operation

SPECIFICATIONS

6,000	240	25	35"	180
WATTS	VOLTS	AMPS	HEADS	LBS

WB

WATERBORNE

Discover compressor-free curing for waterborne coatings.

Waterborne Systems for use with both waterborne and solvent coatings, offer rapid drying times and are a compressor-free alternative for the heavy air demand in most body shops. Infratech offers a standard four-position Speed Dry system and a Speed Dry and Heater combo unit for increased speed and versatility.

SPEED   **COVERAGE**   **VERSATILITY**

MODEL SPEED DRY
Part No. 15-1000

- Large coverage area creates faster drying times
- Ideal for use with waterborne or solvent coatings
- Energy efficient fixture operates for only pennies per day
- Unit rotates horizontally or vertically in four positions
- Product is compressor-free and requires no maintenance
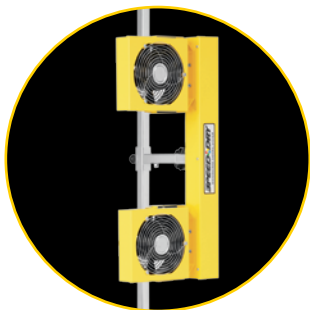- Height stand adjusts up to 6' high

New spring loaded pin for adjusting height

New larger casters for enhanced mobility

SPECIFICATIONS

120	1	24"	25
VOLTS	AMP	HEADS	LBS

MODEL SPEED DRY WITH HEATER
Part No. 15-1015

- Enjoy up to 50% faster drying times than a typical Venturi system by combining Speed Dry with an infrared heater
- Units may be operated together or independently
- When assembled, the unit and heater can be plugged into one 15-amp outlet

Versatile horizontal and vertical positioning

SPECIFICATIONS

1,500	120	15	36"	38
WATTS	VOLTS	AMPS	HEADS	LBS

CM
COLOR MATCHER

Color matching that mimics natural sunlight.

Color Matching systems duplicate the effect of natural sunlight in a convenient, hand-held design. Accurately check the color integrity of your paint work, and easily identify and eliminate pre- or post-paint mismatches or defects over a large coverage area, for perfect color matching every time.

EFFICIENCY   **COVERAGE**   **CONTROL**

MODEL CM5300 COLOR MATCHER
Part No. 14-5300

- Sunlight on demand under any condition with high 5300K color temperature
- Identify pre-or-post paint defects and avoid costly color mismatch
- Lightweight, hand-held design, with momentary on/off switch
- Product is equipped with 6' power cord

MODEL CM5300ST PORTABLE INSPECTION STAND
Part No. 14-5310

- Ideal for viewing color samples
- Positions color matcher at optimum 12" height
- Product design enables convenient storage

Shown with model CM5300

MODEL TLS-1750-C TUB LIGHT
Part No. 14-2505

- Economically priced tub light offers added cost savings
- Three switch controls provide the capability to vary the amount of heat
- Product is ideal for use with repair work
- New wide base stand adjusts to over 6' high
- Product holds seven 250 watt R40 infrared bulbs (not included)

SPECIFICATIONS

120	15	18"	27
VOLTS	AMPS	DIAMETER	LBS

COMFORT GARAGE HEATER
Part No. 22-1041

- 1,500 watt electric infrared heater offers clean, efficient performance
- Provides effective spot heating over a work bench, or for use in small areas
- Operates with no open flames, or dangerous toxic gas by-products
- Can be mounted to a wall or ceiling using the mounting brackets provided
- Includes a 6' cord for easy installation

SPECIFICATIONS

1,500	120	12.5	33"	12
WATTS	VOLTS	AMPS	WIDTH	LBS

PC
POWDER COATING

Portable, high-intensity, open air powder curing.

Powder Coat Curing Systems generate higher temperatures, to cure standard 400° F powders without an enclosed oven. For industrial use, these portable, high-intensity systems are ideal for prototype work, maintenance and short run powder coatings. They are capable of curing powder on a variety of parts in the open air, which makes them a cost-effective alternative to batch ovens.

INTENSITY

VERSATILITY

ADHESION

MODEL HH-1800
Part No. 16-1200

- High-intensity hand-held portable curing unit
- 1,800 watt entry level unit achieves spot curing at low cost
- Product offers curing capabilities for adhesives, carbon fiber and Teflon
- Focused 1' x 1' coverage area for spot curing
- Product is also available with 6' high accessory stand Part No. 14-1025 (sold separately)

SPECIFICATIONS

1,800	120	15	12"	9
WATTS	VOLTS	AMPS	WIDTH	LBS
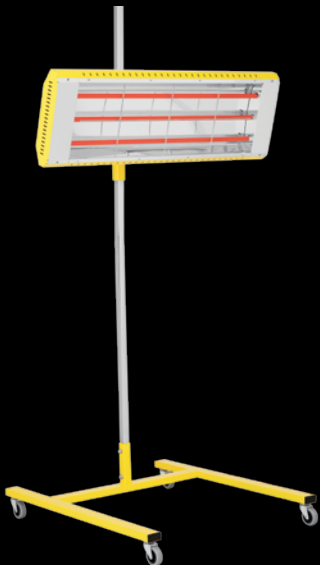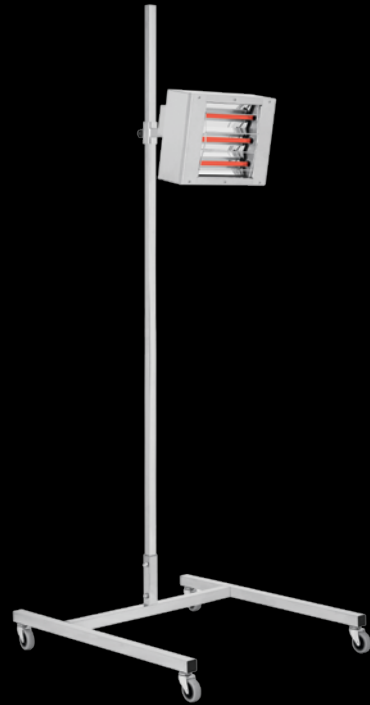
MODEL HO-6000-P
Part No. 16-5000 (shown)

- High-temperature 6,000 watt portable unit offers powder coat curing capabilities
- Product achieves spot curing at low cost
- Product cures adhesives, carbon fiber and Teflon
- Product can adjust to over 6' high
- Horizontal or vertical rotation provides added versatility
- Focused 1' x 3' coverage area for spot curing
- Common industrial applications include curing for powder coatings, Teflon, carbon fibers and adhesives, as well as plastic forming and prototype work

SPECIFICATIONS

6,000	240	25	36"	50
WATTS	VOLTS	AMPS	WIDTH	LBS

MODEL HO-6000-P-DUAL
Part No. 16-6050

- Product includes same quality features as HO-6000-P with two curing heads producing 12,000 watts

SPECIFICATIONS

12,000	240	50	36"	165
WATTS	VOLTS	AMPS	WIDTH	LBS

Infratech Industrial

SPEED. PRECISION. VERSATILITY.

Infratech has over 50 years of experience in industrial finishing and curing, from the world's largest furniture manufacturing lines to curing a paint job in a large spray booth. As a UL 508 Listed control manufacturer, we can offer standard and custom design, engineering, controls and infrared fixtures or heat panels to suit a broad range of industrial needs, to provide the curing solutions for virtually any coating or composite in use today.

- Automotive refinishing
- Furniture manufacturing
- Pre-heating
- Powder coating
- Dry-off ovens
- Laminating lines
- Screen-printing
- Composite curing
- Plastic forming

INFRATUBE™ MEDIUM WAVE INFRARED HEAT PANELS

Versatile, high-intensity Infratube™ panels can be used in open frames, integrated into existing oven enclosures or used as exterior oven walls. Panels are designed to provide a 450º maximum operating temperature, for faster heat transfer, shorter cycle times, superior finish quality and adhesion for virtually any air-dry or heat cured coating.

INDUSTRIAL CONTROLS

Increase efficiency, reduce cycle times, streamline operations and maximize quality control with custom industrial controls engineered to meet a wide range of curing and processing needs, including UL 508 Listed options with disconnects, SCRs for heat output, AC variable speed drives and other features.

MEDIUM WAVE INFRARED HEATERS & FRAMES

These fixtures provide excellent curing for virtually any air-dry coating, including primers, sealers, base coats, stains, varnishes, clear coats, adhesives and top coats. They offer years of compact, energy efficient and reliable performance, with a variety of mounting and control options.

POWER CURE™ SPRAY BOOTH RETROFIT SYSTEMS

Cure high-tech automotive and industrial coatings with superior speed, quality, safety, efficiency and control with Infratech's US-patented, electric infrared spray and curing technology. Achieve faster drying times for operations that incorporate spray enclosures via our custom-manufactured, high-intensity medium wave quartz emitters, which produce a wavelength (2.35 microns) that is most effective for curing the oxygen/carbon-based (organic) compounds that make up liquid automotive coatings. Infratech emitters can cure a complete repaint in 20-30 minutes, yielding the fastest possible drying time with improved gloss, reduced orange peel, superior adhesion and a significant reduction in energy costs – without the danger of damaging heat-sensitive parts of the car.

APPLICATIONS:

- Industrial enclosed spray booths for machinery or aircraft
- Curing wood furniture and case goods
- Low temperature curing of coatings for large products
- Heat an automotive panel for a simple repair, or cure a complete repaint
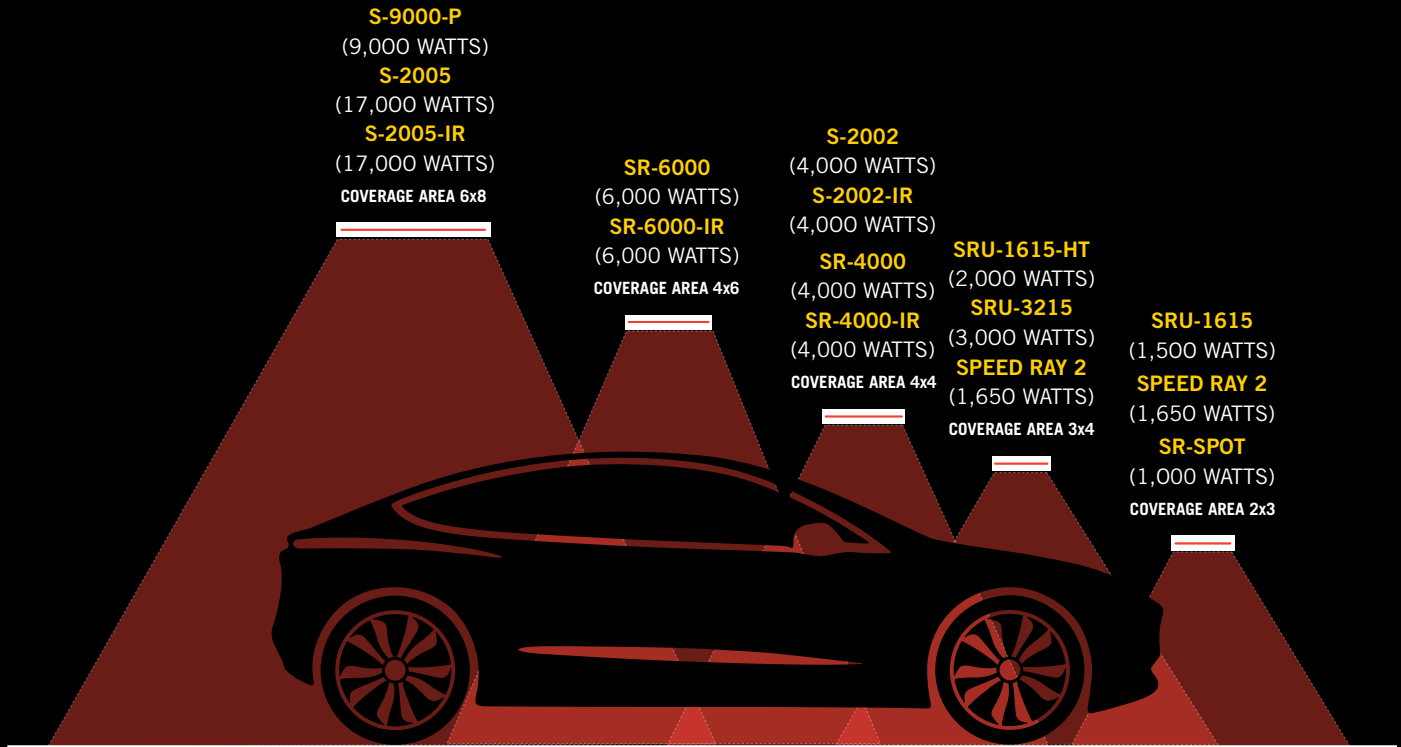
Infratech Comfort

ENJOY CLEANER, GREENER HEAT AT YOUR RESIDENCE OR COMMERCIAL SPACE.

As an industry leader in infrared technology for over 50 years, Infratech also offers a Comfort line of heaters that are ideal for use in upscale homes, restaurants, hotels and resorts. Our Comfort heating systems are available in a variety of models and mounting options, to provide maximum efficiency, versatility, convenience and style. For more information or to order our Comfort catalog, visit infratech-usa.com.

COVERAGE AREA

S-9000-P
(9,000 WATTS)
S-2005
(17,000 WATTS)
S-2005-IR
(17,000 WATTS)

COVERAGE AREA 6x8

SR-6000
(6,000 WATTS)
SR-6000-IR
(6,000 WATTS)

COVERAGE AREA 4x6

S-2002
(4,000 WATTS)
S-2002-IR
(4,000 WATTS)
SR-4000
(4,000 WATTS)
SR-4000-IR
(4,000 WATTS)

COVERAGE AREA 4x4

SRU-1615-HT
(2,000 WATTS)
SRU-3215
(3,000 WATTS)
SPEED RAY 2
(1,650 WATTS)

COVERAGE AREA 3x4

SRU-1615
(1,500 WATTS)
SPEED RAY 2
(1,650 WATTS)
SR-SPOT
(1,000 WATTS)

COVERAGE AREA 2x3

REPLACEMENT ELEMENTS

MODEL	ORDER ELEMENT PART NO.
MEDIUM WAVE	
SRU-1615, SRU-3215	E-1512 (#10-1065)
SRU-1615-HT	E-2012SR (#10-3080)
S-2002, S-2002-IR	SR-2024 (#10-3015)
S-9000-P, S-2005	E-3024 (#10-2030)
SHORT WAVE	
Speed Ray 2	E-SR-2-120 (#17-1125)
SR-4000, SR-4000-IR	E-SR-2000 (#17-1130)
SR-6000, SR-6000-IR	E-SR-2000 (#17-1130)
SR-SPOT	SRII-C100E (#17-1120)

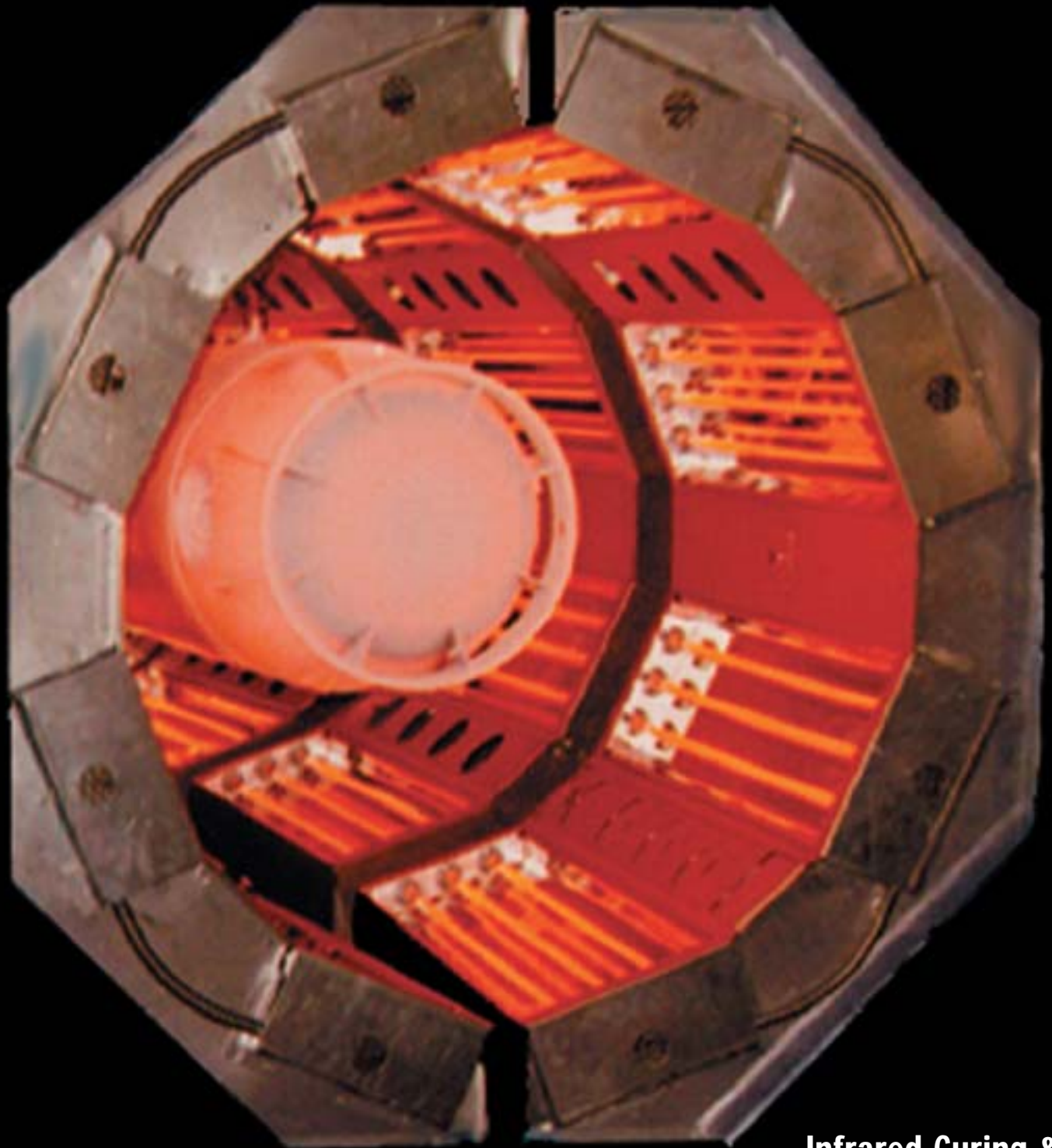| MODEL	ORDER ELEMENT PART NO.
W-SERIES HEATERS	
W-1512 (1500 watts)	E-1412 (#10-1050)
W-1524 (1500 watts)	E-1424 (#10-1055)
W-2024 (2000 watts)	E-2024 (#10-1085)
W-3024 (3000 watts)	E-3024 (#10-2030)
W-4024 (4000 watts)	E-4024 (#10-2055)
POWDER COAT CURING SYSTEMS	
HO-6000-P	HO-2000-E (#10-6000)
HH-1800	E-1812 (#10-1008)

INFRATECH
AUTOMOTIVE

c(UL)us
LISTED

INFRATECH™

**Infrared Curing &
Drying Technology**
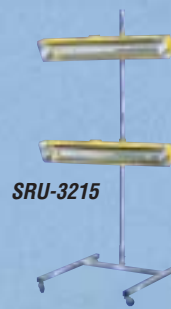
MODEL SRU-1615
Part No. 14-1000
- Number one selling portable infrared unit
- 1500 Watts of curing power over a 2' X 3' coverage area - ideal for small area repairs
- New heavy-duty stand adjusts to over 6' high
- Now with conveniently located On/Off switch
- Parabolic reflector for uniform heat distribution
- Energy efficient, only pennies per hour to operate
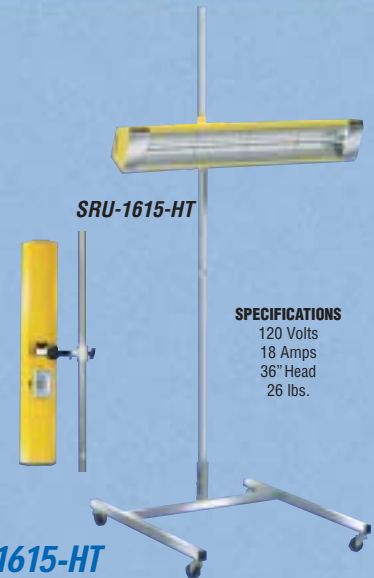- Underwriters Laboratories (U.L.) Listed

MODEL SRU-3215
Part No. 14-1005
- Same quality features as SRU-1615
- Includes 'two' 1500 Watt heads for double the curing power over a 3' X 4' coverage area (3000 Watts total)

SRU-1615

SPECIFICATIONS
120 Volts
12.5 Amps
36" Head
23 lbs.

SRU-3215

SPECIFICATIONS
120 Volts
26 Amps
36" Heads
35 lbs.

SRU-1615-HT

SPECIFICATIONS
120 Volts
18 Amps
36" Head
26 lbs.

MODEL SRU-1615-HT
Part No. 16-1000
- HIGH INTENSITY Medium Wave for increased power (2000 Watts) and improved cure times over a 3' X 4' coverage area
- Vertical or horizontal operation for curing hard to reach areas and increased flexibility for small repairs
- 60 minute timer saves energy and turns off unit when curing is complete
- New heavy-duty stand adjusts to over 6' high
- Underwriters Laboratories (U.L.) Listed

MODEL S-2002
Part No. 16-1020
- HIGH INTENSITY Medium Wave infrared technology with 4000 Watts of curing power
- Solid state, programmable control with electronic timer for reliability, accuracy and ease of use
- Large area of coverage (4' X 4')
- Parabolic reflectors for uniform heat distribution
- Multi-position stand with locking casters has a narrow foot print for mobility
- Adjustable shock arm extends to over 7' high
- Equipped with 25' power cord
- Underwriters Laboratories (U.L.) Listed

S-2002-IR

S-2002

SPECIFICATIONS
240 Volts
18 Amps
39" Heads
160 lbs.
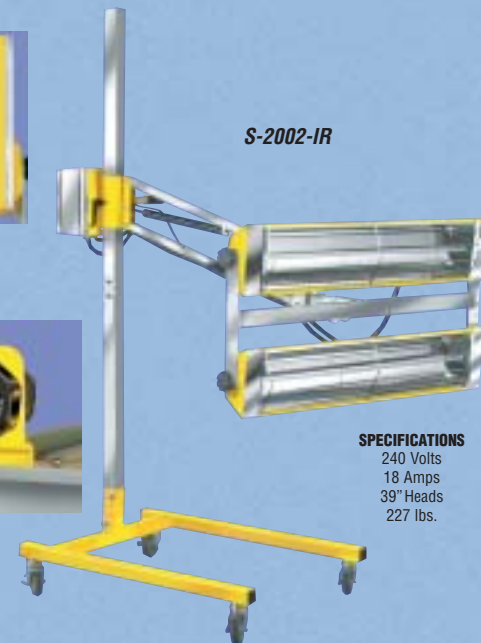
SPECIFICATIONS
240 Volts
18 Amps
39" Heads
227 lbs.

MODEL S-2002-IR
Part No. 16-1035
- Same quality features as S-2002 but includes an infrared sensor that allows the technician to select and maintain a predetermined surface temperature until the curing process is complete
- Digital controls (See page 3) provide complete accuracy and are easy for the technician to set up and operate

Portable Medium Wave Systems
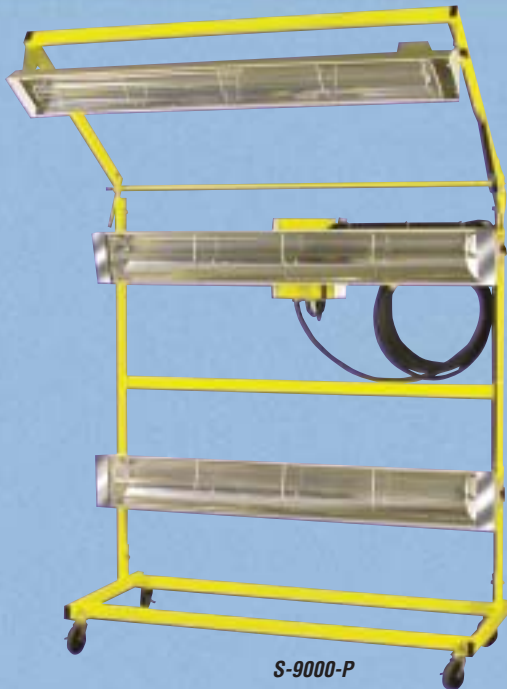
MODEL S-9000-P
Part No. 14-1100
- 9000 Watts of Medium Wave Infrared Curing with a huge 6' X 8' coverage area
- Three zone, solid state, programmable controls with electronic timer
- Independently control curing heads from 0-100% for maximum efficiency (3000 Watts each)
- Narrow frame profile designed to fit in spray booths
- Adjustable shock arm to reach high areas easily
- 3 phase units and 208 voltage units also available
- Equipped with 50' power cord
- Underwriters Laboratories (U.L.) Listed

SPECIFICATIONS
240 Volts
38 Amps
61" Heads
200 lbs.

S-9000-P

MODEL S-2005
Part No. 16-1030
- Largest coverage available from any portable Medium Wave unit
- 17,000 Watts of curing power
- Independently control the top (4000 Watts each) and bottom curing heads (3000 Watts each)
- Dual solid state, programmable controls with electronic timers
- Adjustable shock arm and narrow frame profile to fit in spray booths
- Equipped with 50' power cord
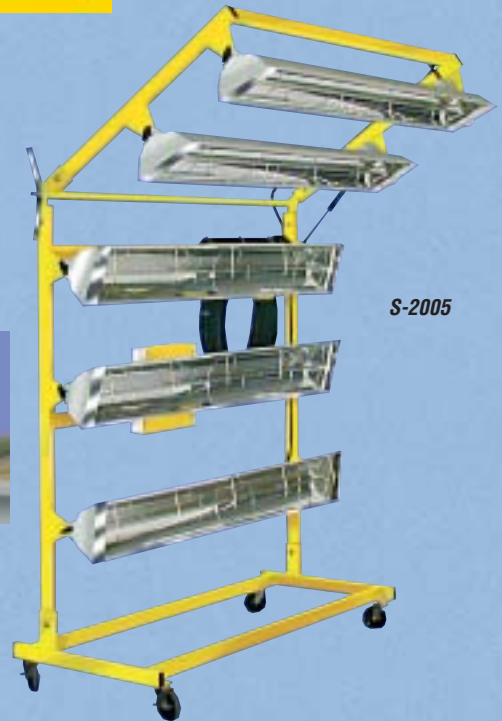- Underwriters Laboratories (U.L.) Listed

SPECIFICATIONS
240 Volts
38 Amps
61" Heads
285 lbs.

MODEL S-2005-IR
Part No. 16-1040
- Same quality features as S-2005 but includes an infrared sensor that allows a predetermined surface temperature to be maintained throughout the curing process

S-2005

Precision Programmable Digital Controls for Most Portable Models

CONTROL PANEL FOR:
S-2002-IR SR-IV-IR
S-2005-IR SR-VI-IR

- User friendly – easy to set-up, easy to maintain
- Precise readings in large LED display
- Includes half-power flash time function
- Set cure times at desired temperature levels
- Variable intensity levels (0-100%)
- Sensor controls allow calibration by technician

CONTROL PANEL FOR:
S-2002 SR-IV
S-2005 SR-VI

CONTROL PANEL FOR:
S-9000-P

SRII-C200

SRII-C100

SPECIFICATIONS
120 Volts
17 Amps
36" Head
24 lbs.

SPECIFICATIONS
120 Volts
17 Amps
36" Head
29 lbs.

SRII-C100
Part No. 17-1000
- IRIDIUM Short Wave unit offers faster cure times
- 2000 Watts of short wave infrared curing over a 3' X 4' coverage area
- IRIDIUM enhanced quartz halogen element puts more energy into the work and less into visible light
- Parabolic reflector for uniform heat distribution
- Vertical or horizontal operation for curing hard to reach areas and increased flexibility for small repairs
- Heavy duty stand adjusts to over 6' high
- Energy efficient, only pennies per hour to operate
- Underwriters Laboratories (U.L.) Listed

SRII-C200
Part No. 17-1010
- Same quality features as SRII-C100 with more sophisticated controls
- 2000 Watts of short wave infrared with solid state controls allows for adjustment of heat output (0-100%) to minimize the possibility of paint film damage or solvent popping
- 60 minute timer saves energy and turns off unit when curing is complete
- Includes selector switch for two-minute flash time at half-power.
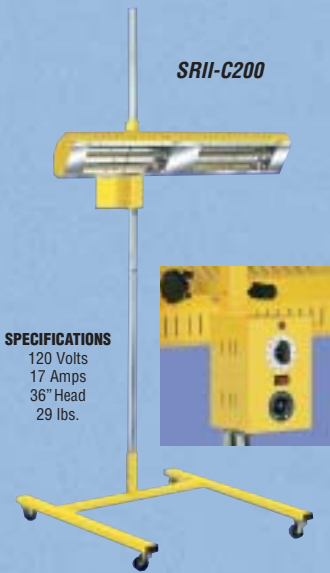- Underwriters Laboratories (U.L.) Listed

SR-IV

MODEL SR-IV
Part No. 17-1200
- IRIDIUM Short Wave 4000 Watt unit offers faster cure times
- Solid state, programmable controls with electronic timer
- IRIDIUM enhanced quartz halogen element puts more energy into the work and less into visible light
- Large coverage area (4' X 4')
- Parabolic reflectors for uniform heat distribution
- Adjustable shock arm extends to over 7' high
- Stand with locking casters has a narrow foot print for mobility
- Equipped with 25' power cord
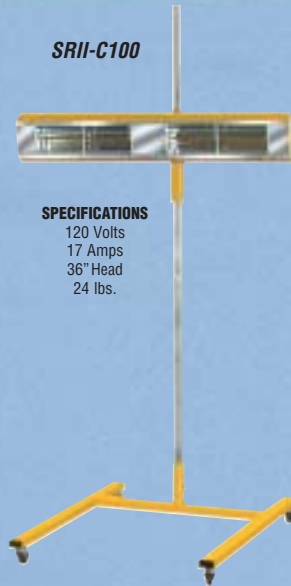- Underwriters Laboratories (U.L.) Listed

SPECIFICATIONS
240 Volts
17 Amps
36" Heads
140 lbs.

MODEL SR-IV-IR
Part No. 17-1250
- Same quality features as SR-IV but includes an infrared sensor that allows the technician to select and maintain a predetermined surface temperature until the curing process is complete
- Digital controls (See page 5) provide complete accuracy and are easy to set up and operate

MODEL SR-VI
Part No. 17-1300
- IRIDIUM Short Wave 6000 Watt unit offers faster cure times
- Solid state, programmable controls with electronic timer
- IRIDIUM enhanced quartz halogen element puts more energy into the work and less into visible light
- Large coverage area (4' X 6')
- Adjustable shock arm extends to over 7' high
- Equipped with 25' power cord
- Underwriters Laboratories (U.L.) Listed

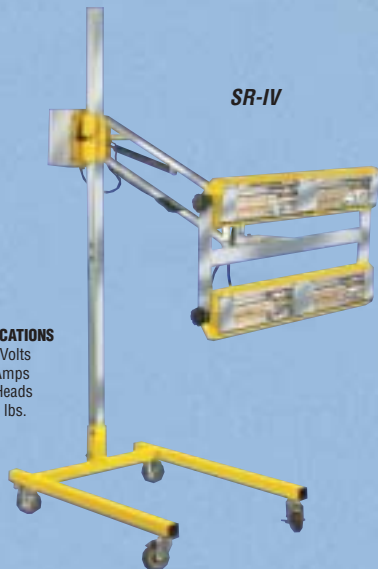## MODEL SR-VI-IR
Part No. 17-1350
- Same quality features as SR-VI but includes an infrared sensor that allows the technician to select and maintain a predetermined surface temperature until the curing is complete
- Digital controls (See page 5) provide complete accuracy and are easy to set up and operate

SR-VI-IR
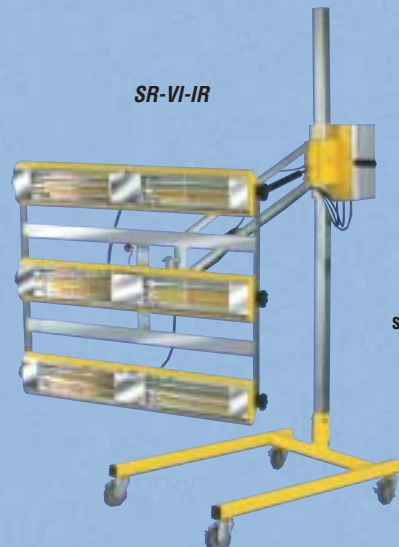
SPECIFICATIONS
240 Volts
25 Amps
36" Heads
150 lbs.

Concentrated Power When and Where You Need It!

The Infratech HO 6000-P is a new product, designed primarily as a low cost system for prototype work, maintenance, and short run powder coating. It is a medium wave high output portable infrared heater that requires virtually no installation when used as a portable system. It is fully capable of curing powder on parts many times it's own size and weight. By simply moving it along as the powder cures it can cure large parts. Two or more of the HO 6000-P units can also increase the efficiency of any curing process using a conveyor and a continuous corridor gas convection oven for product finishing. By preheating parts before entering the powder booth and/or pregelling the parts before they enter the convection oven, the curing process begins more quickly and effectively. This means that overall curing time is reduced, productivity is increased and product quality improved.

There are many other uses for the HO 6000-P. Curing Teflon coatings or any high temperature coating.
• *Preheating cast iron before welding*
• *Melting snow and ice*
• *Thawing frozen valves*
• *Heating plastic and laminates for forming or molding*
• *Preheating the molds for fiberglass and carbon fiber products and curing the resins*

Assortments of add on controls give you the ability to control the intensity, the on time and even the surface temperature of your parts. There is a control just right for your specific application.

Infratech is the international leader in full-range infrared technology. We use a practical approach in applying our infra-red, thoroughly satisfying your process requirements.

Infratech provides infinitely adjustable electric infrared for accurate and uniform product heating.

• **CURE POWDER**

• **CURE TEFLON**

• **CURE CARBON FIBRE**

• **SHORT CURE TIMES**

• **FORM PLASTICS**

• **CURE ADHESIVES**

• **MELT SNOW & ICE**

• **MAINTENANCE WORK**

• **6000 WATTS**

• **240 VOLTS**

• **PORTABLE**

• **INDUSTRIAL QUALITY**

• **LOW COST**

• **SWITCH AND CORD INCLUDED**

• **ROTATES HORIZONTAL OR VERTICAL**

• **ADJUSTABLE TO OVER 6' HIGH**
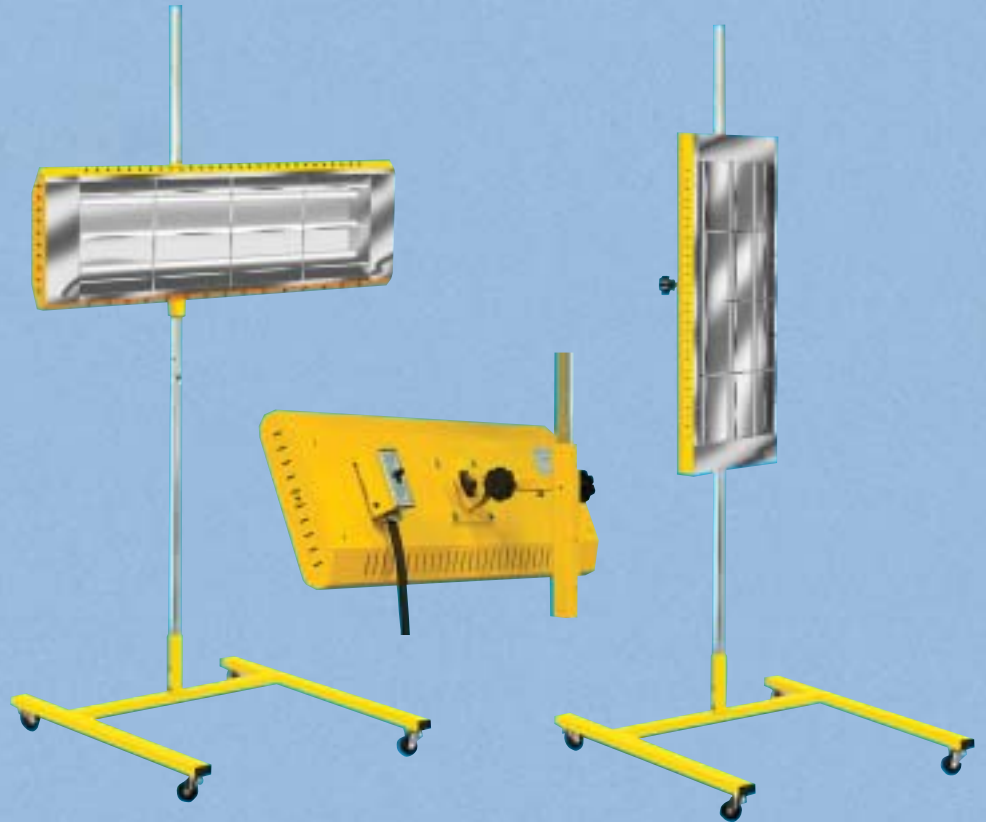
Optional Digital Controller available in six different models. Options include timer and solid state relay zone control. Units can be order in a surface mount configuration for use with permanently installed fixtures or to mount on the crossarm of the HO 6000-P.

Optional infrared sensor available only on the one-zone digital control. May be focused on the target to allow the solid state control to hold surface temperatures plus or minus 3 degrees fahrenheit.
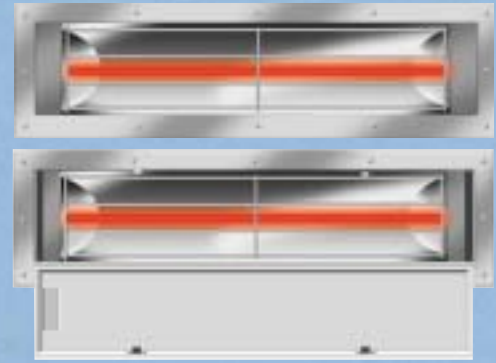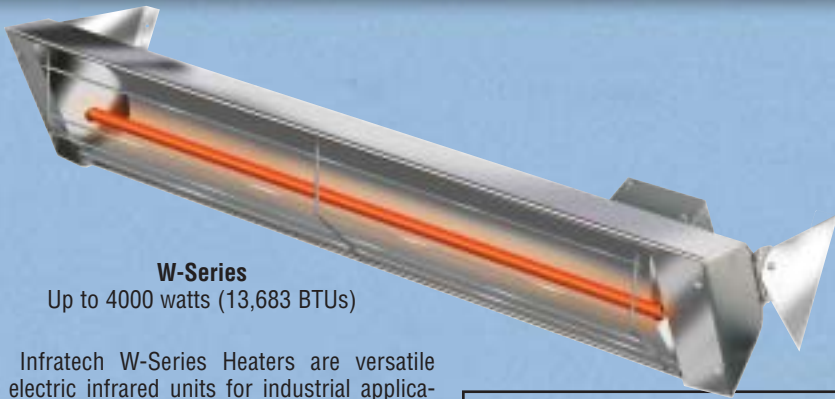
W-Series
Up to 4000 watts (13,683 BTUs)

Infratech W-Series Heaters are versatile electric infrared units for industrial application. The fixtures can be used on open frames or integrated into existing oven enclosures.

Electric infrared curing enhances manufacturing processes and typically improves finish quality and adhesion. Electric infrared curing works well with virtually all air dry coatings including primers, sealers, base coats, stains, varnishes, clear coats, adhesives, and top coats.

The Infratube fixtures are compact and energy efficient with a curved parabolic reflector to uniformly distribute heat. These fixtures are reliable with no moving parts and long lasting tubular quartz infrared heating elements.

Infratube fixtures are easy to install and have a variety of mounting options that include flush mount frames and surface mount brackets.

All Infratech units are UL Listed and are available with a wide variety of UL Listed control options. One year Limited Manufacturer's Warranty on all equipment.

Many different controls are available; from a simple, cost effective Input Regulator to state of the art digital solid state and analog controls with multiple zones, timers, and non-contact infrared thermocouples.

Infratech Infratube Fixtures are commonly used in many applications such as:

• **Woodworking**
• **Laminating**
• **Web Processing**
• **Shrink Wrap**
• **Pre-Heating**
• **Plastic Forming**
• **Dry Off**
• **Spot Curing**
• **Powder Coating**
• **Automotive Refinishing**

Powder Coated Fixtures (Beige)

Part No.	Description	Length	BTUs	Watts	Volts	Amps	Ship Wt.
22-1040	W-1512 Fixture	33"	5,118	1,500	120	12.5	12
22-1045	W-1524 Fixture	33"	5,118	1,500	240	6.3	12
22-1055	W-2024 Fixture	39"	6,824	2,000	240	8.4	13
22-1100	W-3024 Fixture	61 ¼"	10,236	3,000	240	12.5	20
22-1125	W-4024 Fixture	61 ¼"	13,648	4,000	240	16.7	20

Dual-Element Powder Coated Fixtures (Beige)

Part No.	Description	Length	BTUs	Watts	Volts	Amps	Ship Wt.
22-2100	WD-4024 Fixture	39"	13,648	4,000	240	16.7	14
22-2200	WD-5024 Fixture	39"	17,060	5,000	240	20.8	14
22-2300	WD-6024 Fixture	61 ¼"	20,472	6,000	240	25	22
22-2400	WD-8024 Fixture	61 ¼"	27,296	8,000	240	33.4	22

Stainless Steel Fixtures

Part No.	Description	Length	BTUs	Watts	Volts	Amps	Ship Wt.
21-1040	W-1512-SS Fixture	33"	5,118	1,500	120	12.5	12
21-1045	W-1524-SS Fixture	33"	5,118	1,500	240	6.3	12
21-1055	W-2024-SS Fixture	39"	6,824	2,000	240	8.4	13
21-1100	W-3024-SS Fixture	61 ¼"	10,236	3,000	240	12.5	20
21-1125	W-4024-SS Fixture	61 ¼"	13,648	4,000	240	16.7	20

Dual Element Stainless Steel Fixtures

Part No.	Description	Length	BTUs	Watts	Volts	Amps	Ship Wt.
21-2100	WD-4024-SS Fixture	39"	13,648	4,000	240	16.7	14
21-2200	WD-5024-SS Fixture	39"	17,060	5,000	240	20.8	14
21-2300	WD-6024-SS Fixture	61 ¼"	20,472	6,000	240	25	22
21-2400	WD-8024-SS Fixture	61 ¼"	27,296	8,000	240	33.4	22

208v, 277v, and 480v heaters are available by special order.

Parts and Accessories

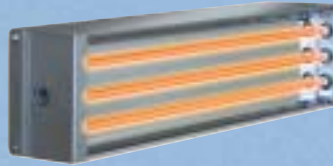| Part #	Model #	Description	Ship Wt.
10-1065	E-1512 Element	E-1512 Element Fits WD & W-1512 Heater	6
10-1070	E-1524 Element	E-1524 Element Fits WD & W-1524 Heater	6
10-1085	E-2024 Element	E-2024 Element Fits WD & W-2024 Heater	8
10-2030	E-3024 Element	E-3024 Element Fits WD & W-3024 Heater	11
10-2055	E-4024 Element	E-4024 Element Fits WD & W-4024 Heater	11
13-1260	Wall Mount	Wall Mounting Bracket	3
14-4092	INF-10 (120V)	Variable Intensity Control	2
14-4094	INF-20 (240V)	Variable Intensity Control	2
22-1250	Pole Mount	Freestanding Heater Mount	60
22-1260	Pole Mount w/INF Box	Freestanding Heater Mount	62
18-2300	W-20 Special Mount	Flush Plaster Ceiling Mount	18
18-2305	W-30 Special Mount	Flush Plaster Ceiling Mount	21
18-2310	W-20 Special Mount	Flush T-Bar Ceiling Mount	18
18-2315	W-30 Special Mount	Flush T-Bar Ceiling Mount	21
30-4000	CH-50 Control	Analog 50 Amp Intensity Control	25
30-4005	DC-150 Control	Digital 50 Amp 1-Zone Intensity Control	45
30-4010	DCT-150 Control	Digital 1-Zone Control w/Timer	45
30-4015	DCIR-150 Control	IR Thermocouple Control, Sensor Not Included	45
30-4020	DCIRT-150 Control	IR Thermocouple Control w/Timer, Sensor Not Included	45
30-4025	DC-350 Control	Digital 3-Zone Intensity Control	45
30-4030	DCT350 Control	Digital 3-Zone Control w/Timer	45

Infratech Electric Infrared Heat Panels are versatile high intensity units for industrial and commercial applications. Panels are designed with a maximum operating temperature of 450 degrees fahrenheit.

Infratech Heat Panels are constructed of 18 gauge, aluminized steel with polished stainless steel reflectors. The fixtures can be used on open frames or integrated into existing oven enclosures. The insulated fixtures can also be used as the exterior oven walls.

Electric infrared curing offers the fastest cure times and generally improves finish quality and adhesion. Infrared curing works well with virtually all air dry and heat cured coatings including primers, alkyds, enamels, stains, adhesives, top coats, and powder.

The fixtures are energy efficient and cover large areas with curved reflectors to uniformly distribute heat. These fixtures are reliable with no moving parts and long lasting tubular quartz infrared heating elements.

Heat Panels are manufactured to customer specifications, with a wide variety of wattages, voltages, and single or 3-phase options. In addition, customers can use the junction box and mounting options to reduce installation time and expenses,

UL Listed industrial controls are available for precise heat output regulation and process control. One year Limited Manufacturer's Warranty on all equipment.

Many different controls are available; including state of the art digital solid state and analog controls with single zone, multiple zones, timers, and non-contact infrared thermocouples.

Infratech Heat Panels are commonly used in many applications such as:
- **Plastic Forming**
- **Dry Off**
- **Spot Curing**
- **Pre-Gel Ovens**
- **Automotive Refinishing**
- **Powder Coating**
- **Laminating**
- **Web Processing**
- **Shrink Wrap**
- **Pre-Heating**

Industrial Infrared Panels Item List

Part #	Model #	Description	Ship Wt.
X-26-1000	G-348	Gable Panel 48", Elements Not Included	45
X-26-1010	F-348	Flat Panel 12"x48", Elements Not Included	45
X-26-1020	F-948	Flat Panel 30"x48", Elements Not Included	65
X-26-1040	B100	Add for each muffin fan installed	
X-26-1045	SFF2-12	Add for each foot over 2' of 12 ga. lead wire	
X-26-1046	SFF2-10	Add for each foot over 2' of 12 ga. lead wire	
X-10-4035		Element for 48" Panel, Specify Watts and Volts	1
X-10-4040		Element for 60" Panel, Specify Watts and Volts	1
X-10-4045		Element for 72" Panel, Specify Watts and Volts	1
X-26-2062		Element Hooks, H Style	
X-26-2065		Buss Bar for Heat Panels	
X-26-2070		L Bracket	
X-30-4000	CH-50 Control	Analog 50 Amp 1-Zone Intensity Control	25
X-30-4005	DC-150 Control	Digital 50 Amp 1-Zone Intensity Control	45
X-30-4010	DCT-150 Control	Digital 1-Zone Control w/Timer	45
X-30-4015	DCIR-150 Control	IR Thermocouple Control, Sensor Not Included	45
X-30-4020	DCIRT-150 Control	IR Thermocouple Control w/Timer, Sensor Not Included	45
X-30-4025	DC-350 Control	Digital 3-Zone Intensity Control	45
X-30-4030	DCT-350 Control	Digital 3-Zone Control w/Timer	45
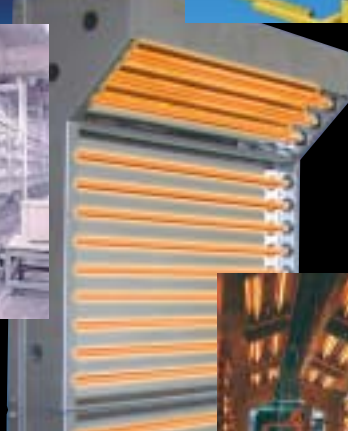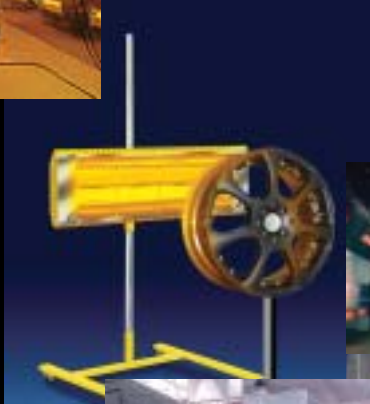
INFRATECH™

a SEACHROME company

Overview

- Our Promise

- What is Infratech Heat

- Infratech's Advantages

Our Promise

Infratech has been a pioneer and leader in Infrared technology for more than 50 years. We offer a wide range of products for comfort heat, automotive curing and industrial commercial heat applications.

Infratech uses the latest in manufacturing technologies to offer you the most efficient infrared systems for the lowest cost in the industry. If you are heating a backyard patio or a complex mega resort, Infratech can provide the design, engineering, controls and infrared equipment your property or facility requires.

Infratech is committed to providing high quality, innovative products that exceed our customers' expectations. We have the technology and we have the people to achieve our promise of quality, delivery and price. We look forward to keeping that promise with you.

PRESIDENT

What is 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 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.
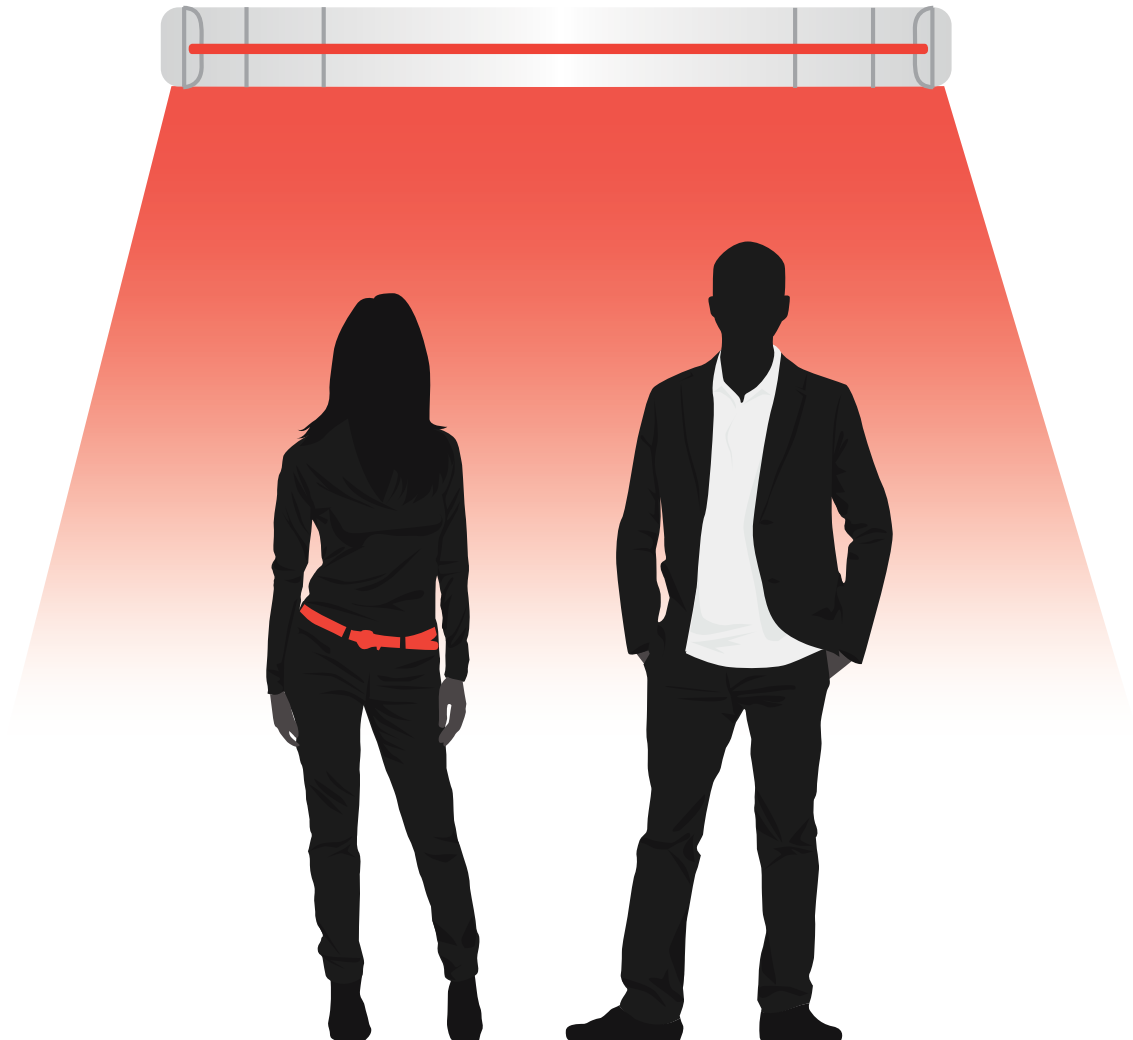
The Infratech Advantage

No matter what space you are heating, Infratech will work with you to create a complete solution. We are the experts with the experience and capabilities to help design your project.

- Two Year Warranty

- UL-listed for indoor and outdoor use

- Proudly Made in USA

- Versatility

- Infinite Control capabilities

- Made from recyclable materials and operate with zero greenhouse emissions, odors or ultraviolet light

- Our unwavering commitment - customer's total satisfaction!

Infratech Heaters

- W-Series Single Element
- WD-Series Dual Element
- SL-Series Slimline Single Element
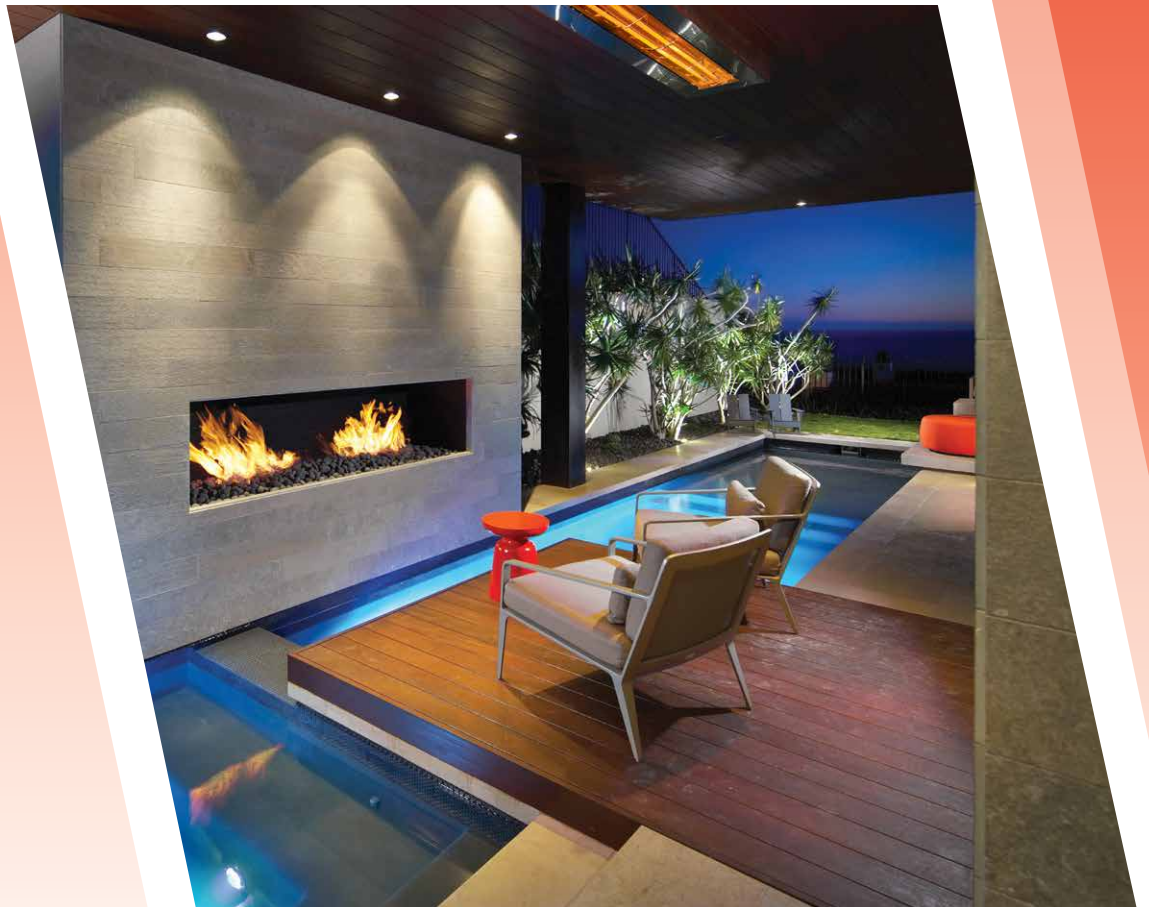
Infratech Heaters

Infratech has been the leader in the use of infrared heating technology for more than 50 years. We apply this expertise to our heating systems for personal, commercial, and industrial applications.

We offer you a wide variety of sizes, wattages, voltages, and color options. No matter what your heating goal is, we have the solution!

Infratech Heaters have a smaller, sleeker profile than typical gas infrared heaters.
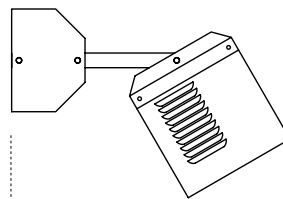
TYPICAL GAS INFRARED HEATER

INFRATECH W-SERIES AND WD-SERIES HEATERS
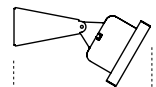
INFRATECH SL-SERIES SLIMLINE HEATER

W-Series Single Element Heaters

- ■ W-Series single element heaters provide the coverage and intensity of heat necessary for optimum comfort.

- ■ Minimal clearance requirements, recessed mounting options, short standoffs and mounting heights up to 11'.

- ■ Fixtures are available in lengths of 39" and 61-¼".

- ■ W-Series heaters are available in 2000, 2500, 3000, and 4000 watt models.

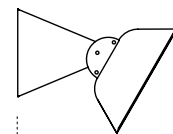- ■ Compatible with Solid State Controls for larger-scale residential or commercial use.

- ■ Choose from brushed stainless steel, our standard colors or select a custom color of your choice.

	7'-9' mounting ht.	7'-9' mounting ht.	7'-9' mounting ht.	8'-11' mounting ht.
W-20 **6' x 6'**				
W-25 **7' x 7'**				
W-30 **8' x 8'**				
W-40 **10' x 10'**				

AVERAGE COVERAGE AREA*
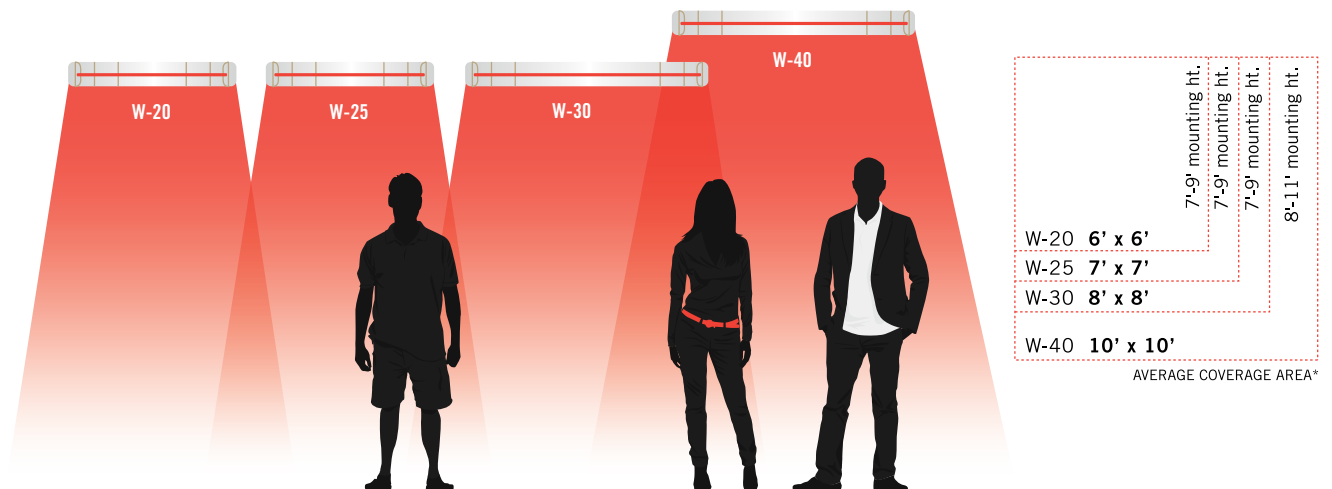
W-Series Single Element Heaters

PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	AMPS
21-1055	W-2024 SS	39"	2000	240	8.3
21-1060	W-2028 SS	39"	2000	208	10
21-1065	W-2048 SS	39"	2000	480	4
21-1075	W-2027 SS	39"	2000	277	7
21-1080	W-2524 SS	39"	2500	240	10.4
21-1085	W-2528 SS	39"	2500	208	12
21-1090	W-2548 SS	39"	2500	480	5
21-1095	W-2527 SS	39"	2500	277	9
21-1100	W-3024 SS	61-¼"	3000	240	12.5
21-1105	W-3027 SS	61-¼"	3000	277	11
21-1110	W-3028 SS	61-¼"	3000	208	14
21-1115	W-3048 SS	61-¼"	3000	480	6
21-1125	W-4024 SS	61-¼"	4000	240	16.7
21-1130	W-4027 SS	61-¼"	4000	277	14
21-1135	W-4028 SS	61-¼"	4000	208	19
21-1140	W-4048 SS	61-¼"	4000	480	8.3

■ For Bronze Body with Stainless Steel Trim add "BR" to part number above.

■ For Black Body add "BL" to part number above.

■ For Almond Body add "AL" to part number above.

■ For Beige Body add "BE" to part number above.

■ For Biscuit Body add "BI" to part number above.

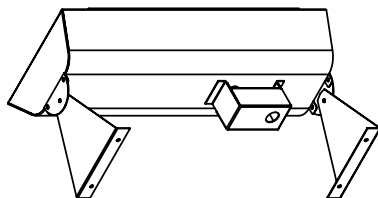■ For White Body add "WI" to part number above.

W-Series Replacement Elements

PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	FITS
10-1085	E-2024	36"	2000	240	W-2024
10-1090	E-2027	36"	2000	277	W-2027
10-1095	E-2028	36"	2000	208	W-2028
10-2000	E-2048	36"	2000	480	W-2048
10-2010	E-2524	36"	2500	240	W-2524
10-2015	E-2527	36"	2500	277	W-2527
10-2020	E-2528	36"	2500	208	W-2528
10-2025	E-2548	36"	2500	480	W-2548
10-2030	E-3024	58"	3000	240	W-3024
10-2035	E-3027	58"	3000	277	W-3027
10-2040	E-3028	58"	3000	208	W-3028
10-2045	E-3048	58"	3000	480	W-3048
10-2055	E-4024	58"	4000	240	W-4024
10-2060	E-4027	58"	4000	277	W-4027
10-2065	E-4028	58"	4000	208	W-4028
10-2070	E-4048	58"	4000	480	W-4048

For our helpful instruction video, "How to Replace an Infratech Heating Element - W/WD-Series," please visit www.infratech-usa.com or contact customer service.

W-Series Heater Clearance and Dimensions

CLEARANCE FROM COMBUSTIBLES:

MIN. 6" (15.2cm)
CLEARANCE
BEHIND HEATER

MIN. 18"
(45.7cm) FROM
SIDES AND ENDS
OF HEATER

MIN. 36" (91.4cm)
IN FRONT OF HEATER

1/2" KNOCK-OUT
7/8" (22.2mm) Hole

3-5/8"
(9.2cm)

2"(5.0cm)

"A" DIM

1" (2.5cm)

4" (10.1cm)

6" (15.2cm)

9-3/8" (23.8cm)

5-3/8" (13.6cm)

3" (7.6cm)

8-3/16"
(20.2cm)

MODEL	"A" DIM.	"A" DIM.	WATTS	VOLTS	AMPS	BTU's
W2024	39"	99.0cm	2000	240	8.3	6824
W2524	39"	99.0cm	2500	240	10.4	8530
WD3024	33"	83.8cm	3000	240	12.5	10236
W3024	61.25"	155.5cm	3000	240	12.5	10236
W4024	61.25"	155.5cm	4000	240	16.7	13648
WD4024	39"	99.0cm	4000	240	16.7	13648
WD5024	39"	99.0cm	5000	240	20.8	17060
WD6024	61.25"	155.5cm	6000	240	25	20472

OTHER VOLTAGES ALSO AVAILABLE: 208, 277, 480 VAC

WD-Series Dual Element Heaters

- WD-Series dual element fixtures produce more intense heat and can be mounted up to 14'.

- Typically installed with solid state controls, to vary the electric load for comfortable heat in a wide range of conditions.

- Fixtures available in lengths of 33", 39" and 61-¼".

- Dual element heaters areavailable in 3000, 4000, 5000, and 6000 watt models.

- May also be installed with Duplex/Stack Switches for a half power/full power option.

- Choose from brushed stainless steel, our standard colors, or select a custom color of your choice.

WD-60

WD-40W

D-50

WD-30

	7'-9' mounting ht.	8'-12' mounting ht.	8'-12' mounting ht.	10'-14' mounting ht.
WD-30 **7' x 7'**				
WD-40 **8' x 10'**				
WD-50 **9' x 10'**				
WD-60 **11' x 11'**				

AVERAGE COVERAGE AREA*
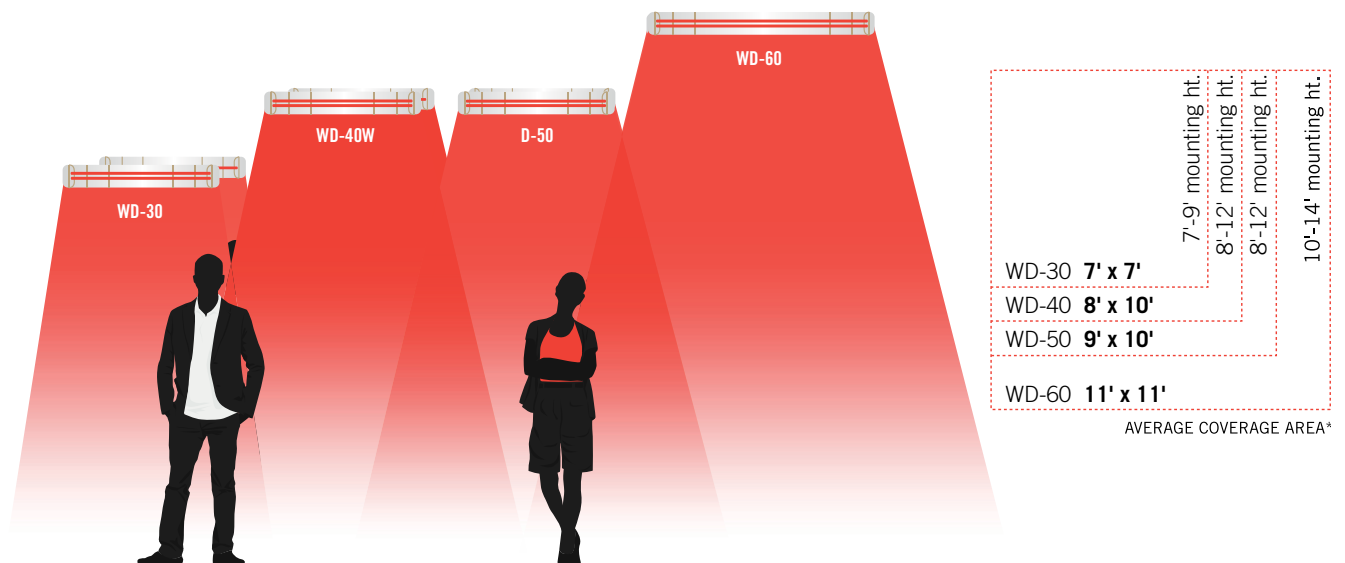
WD-Series Dual Element Heaters

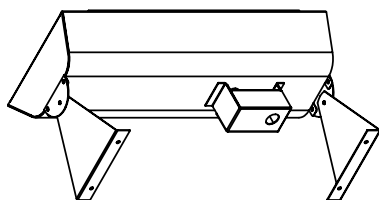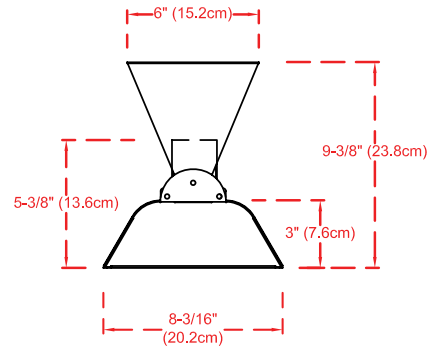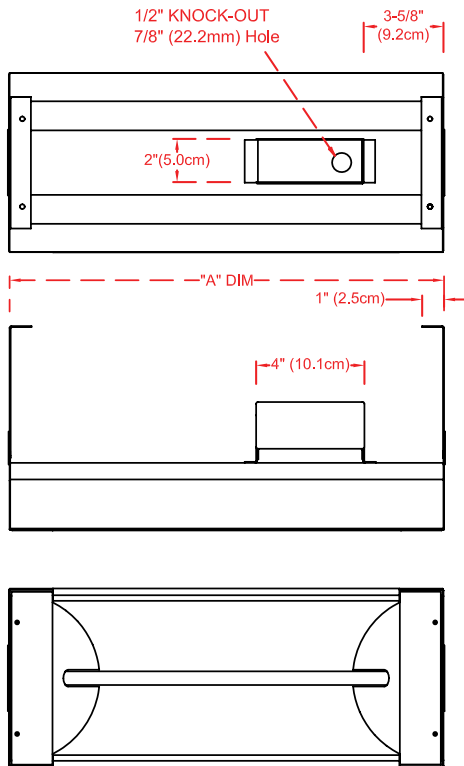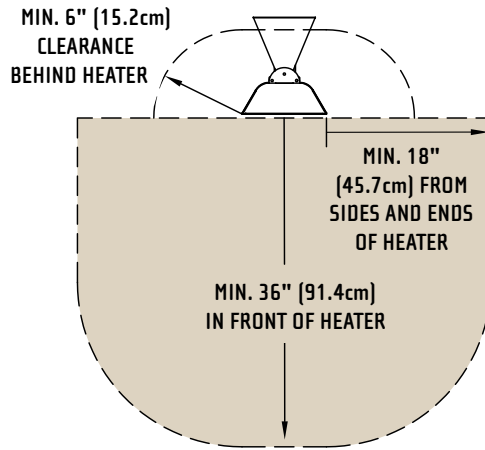| PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	AMPS
21-2000	WD-3024 SS	33"	3000	240	12.5
21-2010	WD-3028 SS	33"	3000	208	14
21-2020	WD-3048 SS	33"	3000	480	6
21-2030	WD-3027 SS	33"	3000	277	11
21-2100	WD-4024 SS	39"	4000	240	16.7
21-2110	WD-4028 SS	39"	4000	208	19
21-2120	WD-4048 SS	39"	4000	480	8.3
21-2130	WD-4027 SS	39"	4000	277	14
21-2200	WD-5024 SS	39"	5000	240	20.8
21-2210	WD-5028 SS	39"	5000	208	24
21-2220	WD-5048 SS	39"	5000	480	10.4
21-2230	WD-5027 SS	39"	5000	277	18
21-2300	WD-6024 SS	61-¼"	6000	240	25
21-2310	WD-6028 SS	61-¼"	6000	208	28.8
21-2320	WD-6048 SS	61-¼"	6000	480	12.5
21-2330	WD-6027 SS	61-¼"	6000	277	21.7

■ For Bronze Body with Stainless Steel Trim add "BR" to part number above.

■ For Black Body add "BL" to part number above.

■ For Almond Body add "AL" to part number above.

■ For Beige Body add "BE" to part number above.

■ For Biscuit Body add "BI" to part number above.

■ For White Body add "WI" to part number above.

WD-Series Replacement Elements

PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	FITS
10-1055	E-1424	30"	1500	240	WD-3024
10-1058	E-1427	30"	1500	277	WD-3027
10-1060	E-1428	30"	1500	208	WD-3028
10-1062	E-1448	30"	1500	480	WD-3048
10-1085	E-2024	36"	2000	240	WD-4024
10-1090	E-2027	36"	2000	277	WD-4027
10-1095	E-2028	36"	2000	208	WD-4028
10-2000	E-2048	36"	2000	480	WD-4048
10-2010	E-2524	36"	2500	240	WD-5024
10-2015	E-2527	36"	2500	277	WD-5027
10-2020	E-2528	36"	2500	208	WD-5028
10-2025	E-2548	36"	2500	480	WD-5048
10-2030	E-3024	58"	3000	240	WD-6024
10-2035	E-3027	58"	3000	277	WD-6027
10-2040	E-3028	58"	3000	208	WD-6028
10-2045	E-3048	58"	3000	480	WD-6048

WD-Series Heater Clearance and Dimensions

CLEARANCE FROM COMBUSTIBLES:

MIN. 6" (15.2cm)
CLEARANCE
BEHIND HEATER

MIN. 18"
(45.7cm) FROM
SIDES AND ENDS
OF HEATER

MIN. 36" (91.4cm)
IN FRONT OF HEATER

1/2" KNOCK-OUT
7/8" (22.2mm) Hole

3-5/8"
(9.2cm)

2"(5.0cm)

"A" DIM

1" (2.5cm)

4" (10.1cm)

6" (15.2cm)

9-3/8" (23.8cm)

5-3/8" (13.6cm)

3" (7.6cm)

8-3/16"
(20.2cm)

MODEL	"A" DIM.	"A" DIM.	WATTS	VOLTS	AMPS	BTU's
W2024	39"	99.0cm	2000	240	8.3	6824
W2524	39"	99.0cm	2500	240	10.4	8530
WD3024	33"	83.8cm	3000	240	12.5	10236
W3024	61.25"	155.5cm	3000	240	12.5	10236
W4024	61.25"	155.5cm	4000	240	16.7	13648
WD4024	39"	99.0cm	4000	240	16.7	13648
WD5024	39"	99.0cm	5000	240	20.8	17060
WD6024	61.25"	155.5cm	6000	240	25	20472

OTHER VOLTAGES ALSO AVAILABLE: 208, 277, 480 VAC

SL- Series Slimline Single Element Heaters
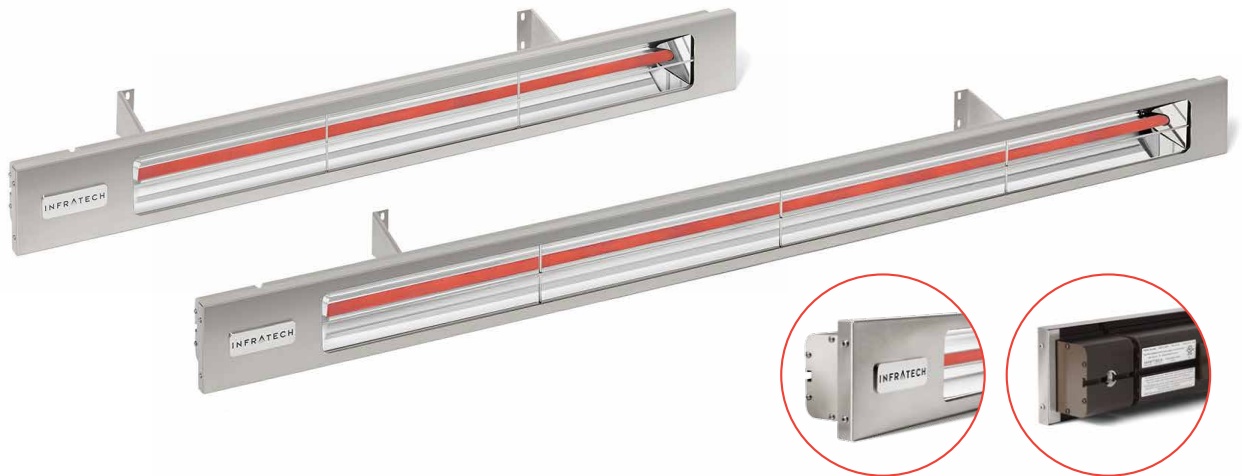
Logo Plate designed to rotate if required

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 up to 11'.

- Fixtures are available in lengths of 29.5", 42.5", and 63.5".

- SL-Series are available in 1600, 2400, 3000, and 4000 watt models.

- 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, are also available in Bronze and our All Black Slimline Shadow™.
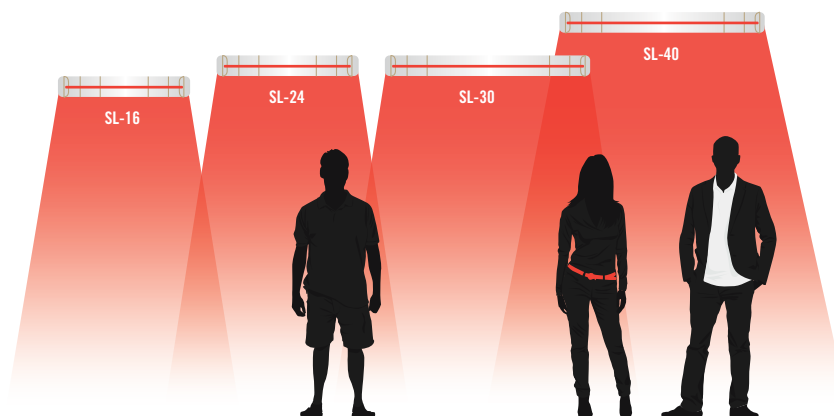
	6'-8' mounting ht.	7'-9' mounting ht.	7'-9' mounting ht.	8'-11' mounting ht.
SL-16 5' x 5'				
SL-24 7' x 7'				
SL-30 8' x 8'				
SL-40 10' x 10'				

AVERAGE COVERAGE AREA*

SL-Series Slimline Single Element Heaters

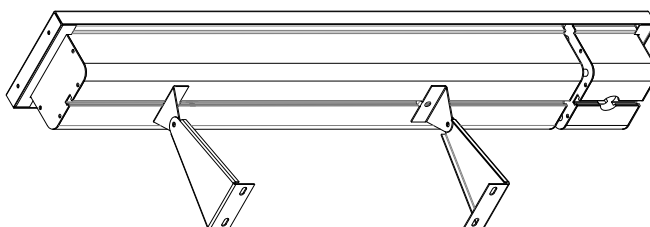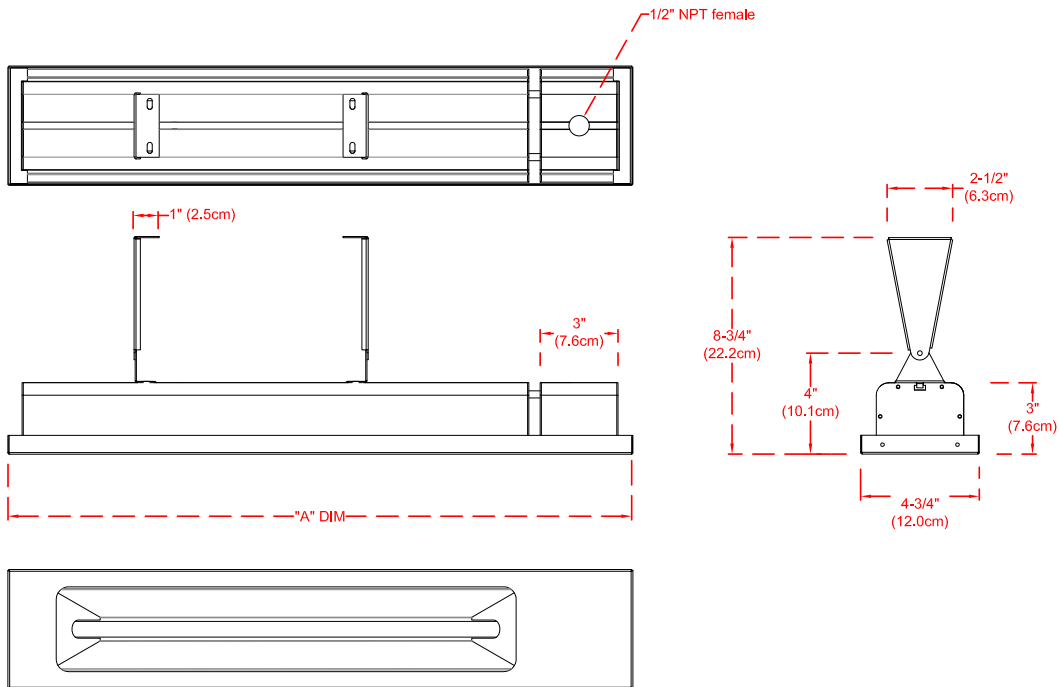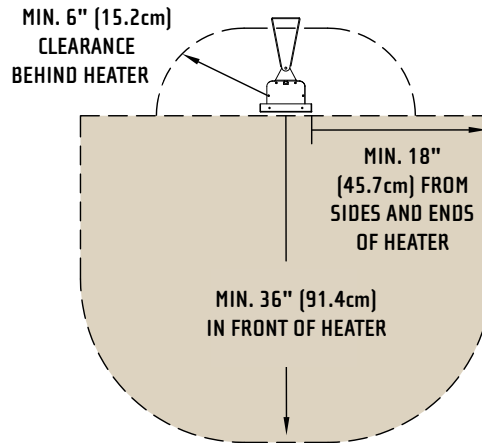| PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	AMPS
21-4990	SL-1612	29.5"	1600	120	13.3
21-4995	SL-1624	29.5"	1600	240	6.7
21-4997	SL-1628	29.5"	1600	208	7.7
21-5000	SL-2424	42.5"	2400	240	10.0
21-5010	SL-2428	42.5"	2400	208	11.5
21-5020	SL-2448	42.5"	2400	480	5
21-5030	SL-2427	42.5"	2400	277	8.7
21-5040	SL-3024	63.5"	3000	240	12.5
21-5050	SL-3028	63.5"	3000	208	14.4
21-5060	SL-3048	63.5"	3000	480	6.3
21-5070	SL-3027	63.5"	3000	277	10.8
21-5080	SL-4024	63.5"	4000	240	16.7
21-5090	SL-4028	63.5"	4000	208	19.2
21-5100	SL-4048	63.5"	4000	480	6.3
21-5110	SL-4027	63.5"	4000	277	10.8

■ Part Numbers listed above are for Infratech's Standard Stainless Steel SL-Slimline Series.

■ For Bronze Body with Stainless Steel Trim add "BR" to part number above.

■ For the All Black Slimline Shadow™ add "BL" to the above part number.

SL-Series Slimline Replacement Elements

PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	FITS
10-7025	E-1612-SL	22-3/8"	1600	120	SL-1612
10-7030	E-1624-SL	22-3/8"	1600	240	SL-1624
10-7032	E-1628-SL	22-3/8"	1600	208	SL-1628
10-7035	E-2424-SL	35-3/8"	2400	240	SL-2424
10-7050	E-2427-SL	35-3/8"	2400	277	SL-2427
10-7040	E-2428-SL	35-3/8"	2400	208	SL-2428
10-7045	E-2448-SL	35-3/8"	2400	480	SL-2448
10-7055	E-3024-SL	56-3/8"	3000	240	SL-3024
10-7070	E-3027-SL	56-3/8"	3000	277	SL-3027
10-7060	E-3028-SL	56-3/8"	3000	208	SL-3028
10-7065	E-3048-SL	56-3/8"	3000	480	SL-3048
10-7075	E-4024-SL	56-3/8"	4000	240	SL-4024
10-7090	E-4027-SL	56-3/8"	4000	277	SL-4027
10-7080	E-4028-SL	56-3/8"	4000	208	SL-4028
10-7085	E-4028-SL	56-3/8"	4000	480	SL-4048

SL-Series Heater Clearance and Dimensions

CLEARANCE FROM COMBUSTIBLES:

MIN. 6" (15.2cm)
CLEARANCE
BEHIND HEATER

MIN. 18"
(45.7cm) FROM
SIDES AND ENDS
OF HEATER

MIN. 36" (91.4cm)
IN FRONT OF HEATER

1/2" NPT female

1" (2.5cm)

3"
(7.6cm)

"A" DIM

2-1/2"
(6.3cm)

8-3/4"
(22.2cm)

4"
(10.1cm)

3"
(7.6cm)

4-3/4"
(12.0cm)

MODEL	"A" DIM.	"A" DIM.	WATTS	VOLTS	AMPS	BTU's
SL1628	29.50"	74.9cm	1600	208	7.7	5460
SL1624	29.50"	74.9cm	1600	240	6.7	5460
SL2428	42.50"	107.9cm	2400	208	11.5	8190
SL2424	42.50"	107.9cm	2400	240	10	8190
SL3028	63.50"	161.3cm	3000	208	14.4	10239
SL3024	63.50"	161.3cm	3000	240	12.5	10239
SL4028	63.50"	161.3cm	4000	208	19.2	13652
SL4024	63.50"	161.3cm	4000	240	16.7	13652

OTHER VOLTAGES ALSO AVAILABLE: 277, 480 VAC

Clearance and Dimensions

CLEARANCE FROM COMBUSTIBLES:

MIN. 6" / 15.2cm
CLEARANCE BEHIND
HEATER

MIN. 18" / 45.7cm
FROM SIDES AND
ENDS OF HEATER

MIN. 36" / 91.4cm
IN FRONT OF
HEATER

CEILING FAN

MIN. 6" / 15.2cm
CLEARANCE BEHIND
HEATER

MIN. 18" / 45.7cm
FROM SIDES AND
ENDS OF HEATER

MIN. 36" / 91.4cm
IN FRONT OF
HEATER

CLEARANCE FROM COMBUSTIBLES
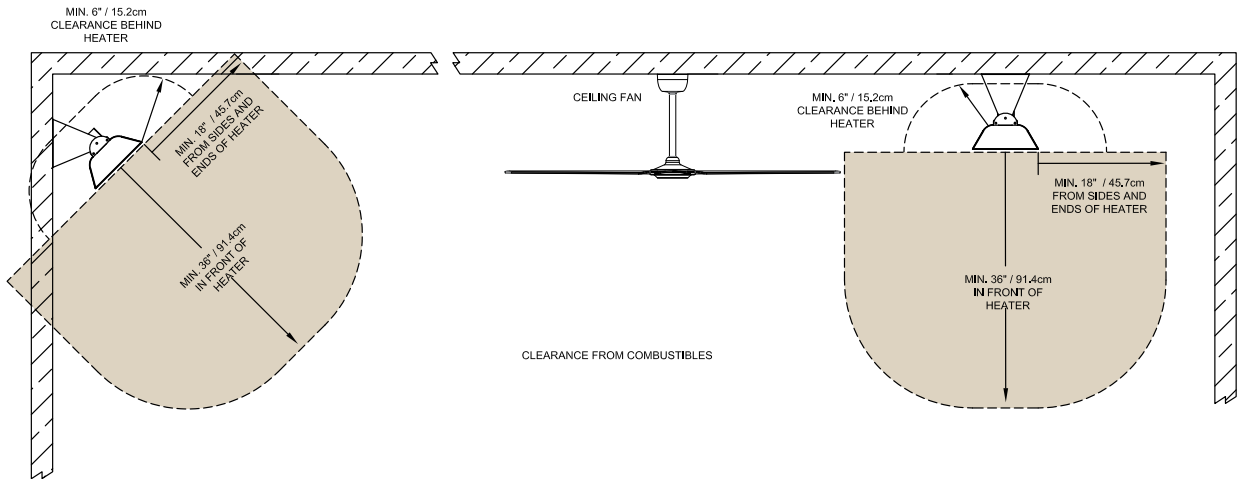
■ Low clearance from combustibles.

■ 6" brackets conform to clearance requirements.

Control Options

- Simple On/Off Switch

- Duplex/Stack Switch

- INF Input Regulator

- Solid State Relay Control Package

- Home Management Relay Panel

Infratech Control Options

Infratech is a UL 508 Listed Control Manufacturer with a proven track record in engineering, design, and manufacturing.

- On/Off Switch Assemblies offer a simple, low cost control option compatible with all single element heaters.

- Duplex/Stack Switches are designed for all dual element heaters (max 20 amps per switch).

- The INF Input Regulators are designed for single element heaters (max 15 amps).

- Solid State Relay Control Packages include a Solid State Relay Panel used in tandem with our Zone Analog Controllers (shown below).

- Home Management Relay Panels offer the ability to integrate Infratech's heaters directly into your home management system, so you can get the most automation control out of your living space.

Simple On/Off Switch Assemblies

On/Off Switches are designed for use with all single element heaters.

- Low cost control option for all single element heaters.

- Range 120/277 VAC (20 amps max per switch).

Part# 14-4400
Single SS Wall Plate w/Gang Box

Part# 14-4410
Single Flush Mount
w/ Weatherproof Cover

Part# 14-4420
Single Surface Mount
w/ Weatherproof Box
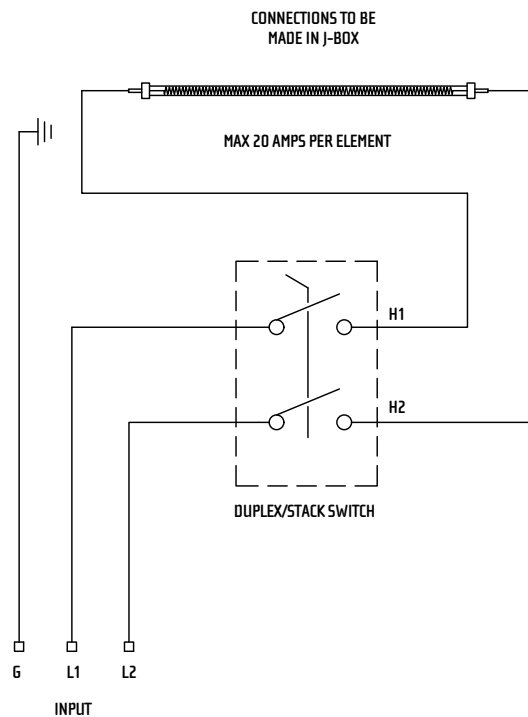
Part# 14-4405
Dual SS Wall Plate w/Gang Box

Part# 14-4415
Dual Flush Mount
w/ Weatherproof Cover

Part# 14-4425
Dual Surface Mount
w/ Weatherproof Box

Simple On/Off Switch Sample Wiring Diagram

Range: 120/277, VAC 20 Amps Per Switch

CONNECTIONS TO BE
MADE IN J-BOX

MAX 20 AMPS PER ELEMENT

H1

H2

DUPLEX/STACK SWITCH

G   L1   L2

INPUT

Decora Switch
DPST Double Pole Single Throw
Range:120/277 VAC
Recommended not to Exceed
120 VAC = 1800 Watts Max
208/220 VAC = 3000 Watts Max
240/277 VAC = 4000 Watts Max
20 Amps Max

NOTE: Replace L2 with Neutral for 120 & 277 VAC Applications

Duplex/Stack Switch

- Low cost control option for all dual element heaters.

- All assemblies are available in different configurations, including In-Wall or Surface Mount options with or without weatherproof covers.

- The Duplex/Stack Switch offers the ability to turn on and off each element independently, providing half power/ full power capabilities.

- Range 120/277 VAC (20 amps max per switch).

Part# 14-4300
Single SS Wall Plate w/Gang Box

Part# 14-4310
Single Flush Mount
w/ Weatherproof Cover

Part# 14-4320
Single Surface Mount
w/Weatherproof Box

Part# 14-4305
Dual SS Wall Plate w/Gang Box

Part# 14-4315
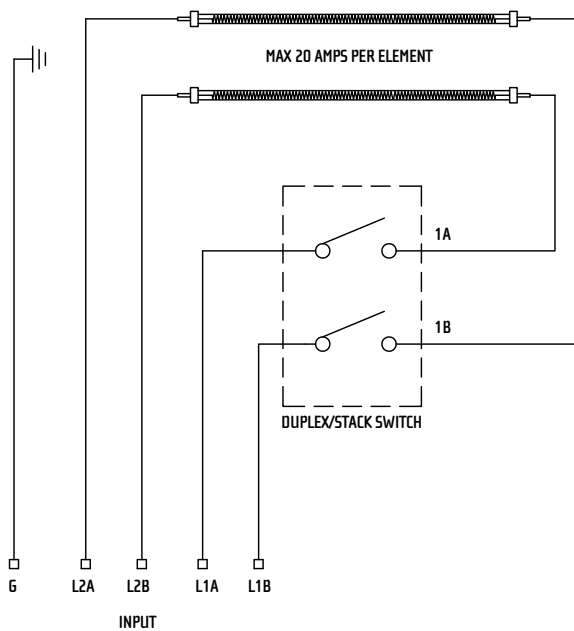Dual Flush Mount
w/ Weatherproof Cover

Part# 14-4325
Dual Surface Mount
w/ Weatherproof Box

Duplex/Stack Switch Sample Wiring Diagram
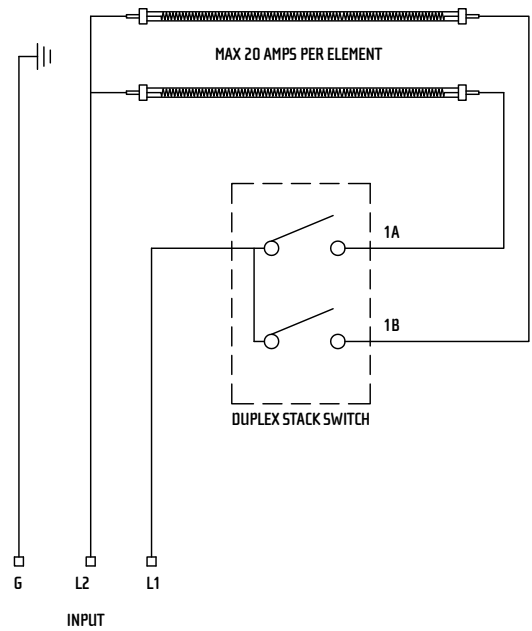
Range: 120/277, VAC 20 Amps Per Switch

5 WIRE APPLICATION

CONNECTIONS TO BE
MADE IN J-BOX

MAX 20 AMPS PER ELEMENT

1A

1B

DUPLEX/STACK SWITCH

G   L2A   L2B   L1A   L1B

INPUT

3 WIRE APPLICATION

CONNECTIONS TO BE
MADE IN J-BOX

MAX 20 AMPS PER ELEMENT

1A

1B

DUPLEX STACK SWITCH

G   L2   L1

INPUT

Duplex/Stack Switch
Two Single Pole Single
Throw Switches Range:
120/277 VAC
Recommended not to Exceed
120 VAC = 1800 Watts Max
208/220 VAC = 3000 Watts Max
240/277 VAC = 4000 Watts Max
20 Amps Max

NOTE: Replace L2 with Neutral for 120 & 277 VAC Applications

INF Input Regulator

- Low cost control option for single element heaters up to 3000 watts (maximum 15 amps).

- Not a dimmer – the INF gently cycles the heater on and off at regular intervals when not on full power.

- Each heater must have its own INF Input Regulator.

- All assemblies are available in different configurations, including In-Wall or Surface Mount options with or without weatherproof covers.

Part# 14-4200
Single SS Wall Plate
w/ Deep Gang Box

Part# 14-4210
Single Flush Mount
w/ Weatherproof Cover

Part# 14-4220
Single Surface Mount
w/ Weatherproof Box

Part# 14-4205
Dual SS Wall Plate
w/ Deep Gang Box

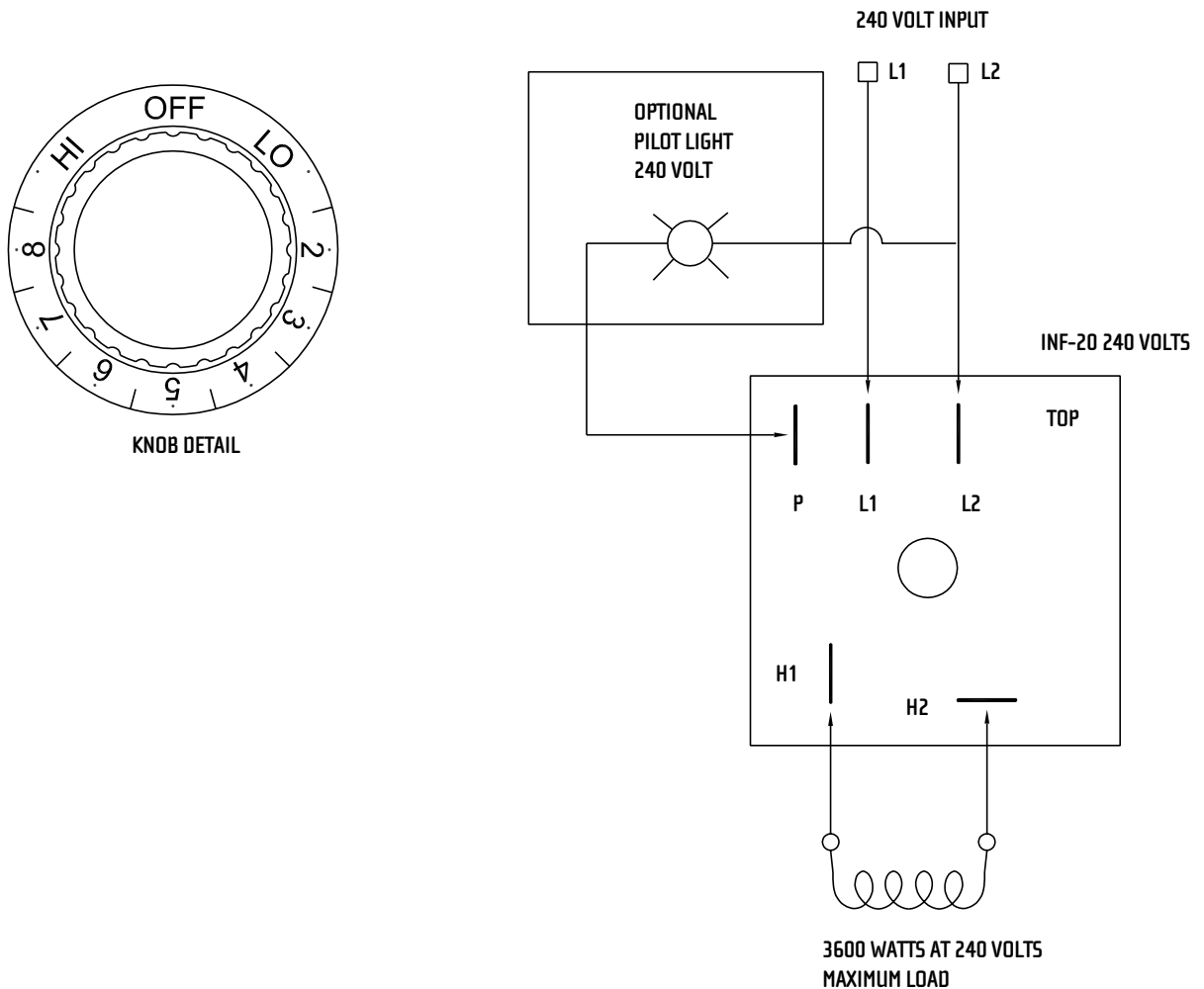**Part# 14-4215**
Dual Flush Mount
w/ Weatherproof Cover

Part# 14-4225
Dual Surface Mount
w/ Weatherproof Box

Regulator Part Numbers listed above are for 240V (also available in 120V).

INF Input Regulator Sample Wiring Diagram

240 VAC, 15 Amps Max

OFF

HI

LO

8 7 6 5 4 3 2

KNOB DETAIL

240 VOLT INPUT

L1 L2

**OPTIONAL
PILOT LIGHT
240 VOLT**

INF-20 240 VOLTS

TOP

P   L1   L2

H1

H2

**3600 WATTS AT 240 VOLTS
MAXIMUM LOAD**

Mechanical Bi-Metal Operation
Double Pole Single Throw (DPST) snap action 240 VAC
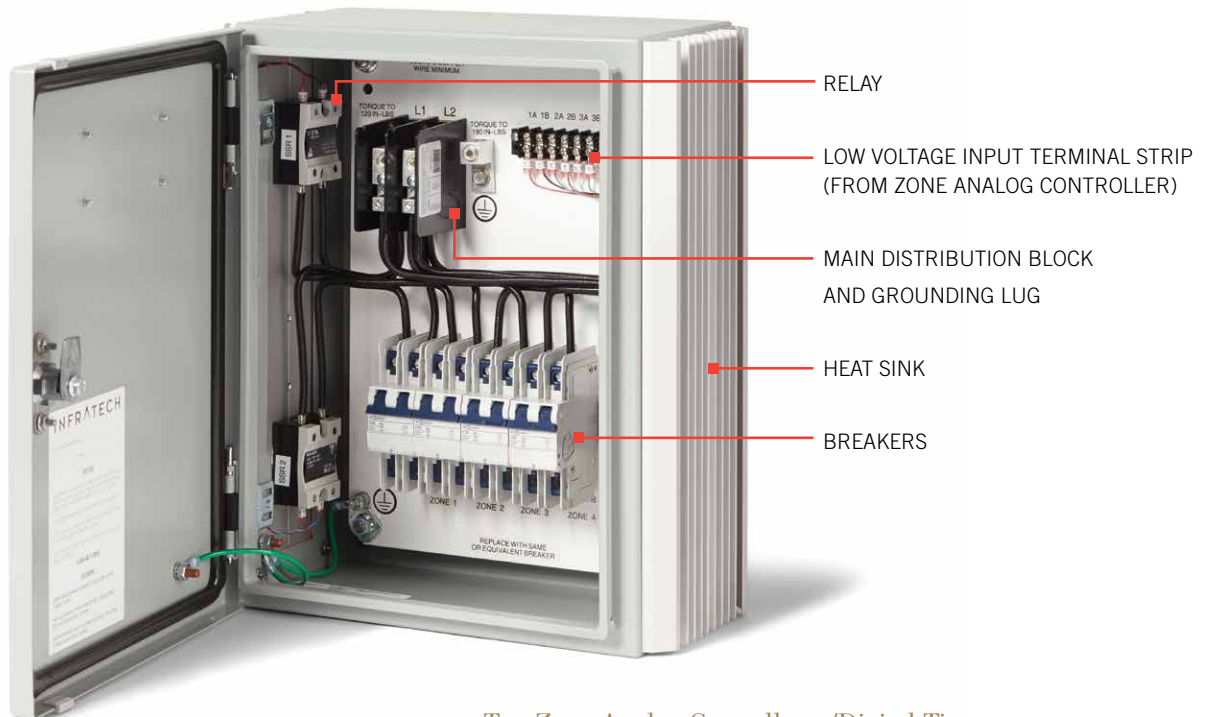3600 watts max
15 amps max

NOTE: Supplied with 4 Insulated Female Connectors Mechanical Bi-Metal Operation

Solid State Relay Control Package

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 for the option to adjust the intensity of heat of one or more heaters in a specified target area.

- Available with optional timers.

- 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

RELAY

LOW VOLTAGE INPUT TERMINAL STRIP
(FROM ZONE ANALOG CONTROLLER)

MAIN DISTRIBUTION BLOCK
AND GROUNDING LUG

HEAT SINK

BREAKERS

Two Zone Analog Controller w/Digital Timer

DIGITAL TIMER

ON / OFF SWITCH

INTENSITY
CONTROL KNOB

Solid State Relay Panel

For use in conjunction with Zone Analog Controllers

- Infratech's Solid State Panels are UL/CUL Listed and are engineered for your individual project and suitable for commercial or residential installations of any size.

- The Solid State Relay Panel will be fed from the facility's main panel at 125% (includes safety factor) of the full amperage of all heaters.

- There is a maximum of 9000 watts at 240V (max. of 8000 watts at 208V per each Relay in the Panel (50 amps max).

- 5,000 watt and 6,000 watt heaters must be on their own relay.

- Multiple heaters on a single relay are required to be the same wattage.

- Solid State Relay Panels can be built to accept Single Phase or Three Phase power.

- Solid State Relay Panels are designed project specific, tested before leaving the factory, and assigned a UL/CUL Listed Job Number.

- Electrical wiring diagrams are provided for each installation.

Solid State Relay Panel

Surface Mount Relay Panels

PART#	DESCRIPTION	EXTERIOR DIMENSIONS
30-4051	1 Relay Panel	16" x 14" x 7"
30-4052	2 Relay Panel	16" x 14" x 7"
30-4053	3 Relay Panel	16" x 14" x 7"
30-4054	4 Relay Panel	16" x 14" x 7"
30-4055	5 Relay Panel	20" x 18" x 7"
30-4056	6 Relay Panel	20" x 18" x 7"

Above dimensions include 1" heat sinks on each side of the relay panel.

Relay Panels requiring more than six relays are also available by special order. Please contact customer service for details.

Zone Analog Controller

For use in conjunction with the Solid State Relay Panel

- Zone Analog Controllers offer the ability to control one or more heaters in a specified target area.

- All heaters in each zone will be controlled simultaneously.

- Each Zone Analog Intensity Control Knob can control a maximum of three relays from the Solid State Relay Panel.

- The Zone Analog Control is wired to the Solid State Relay Control Panel with a low voltage wire (CAT 5 or comparable).

- The Zone Analog Control also requires 1 amp of 120V from a local circuit.

- Optional Digital Timers include intervals of 15 min, 30 min, 60 min, 2 hours, and 4 hours.

Two Zone Analog Controller w/Digital Timer

PART#	DESCRIPTION	EXTERIOR DIMENSIONS	FACE PLATE DIMENSIONS
30-4032	One Zone Analog Controller	4-11/16" x 4-11/16" x 2-1/2"	5-11/16" x 5-11/16"
30-4033	Two Zone Analog Controller	4-1/2" x 8-5/8" x 2-1/2"	5-1/2" x 9-1/2"
30-4034	Three Zone Analog Controller	4-1/2 x 12-1/4" x 2-1/2"	5-1/2" x 13-3/16"
30-4035	Four Zone Analog Controller	4-1/2" x 14-3/16" x 2-1/2"	5-1/2" x 15"
30-4045	One Zone Analog Controller w/ Digital Timer	4-1/2" x 6-3/4" x 2-1/2"	5-1/2" x 7-3/4"
30-4046	Two Zone Analog Controller w/ Digital Timer	4-1/2" x 12-1/4" x 2-1/2"	5-1/2" x 13-3/16"
30-4047	Three Zone Analog Controller w/ Digital Timer	4-1/2" x 14-3/16" x 2-1/2"	5-1/2" x 15 "
30-4048	Four Zone Analog Controller w/ Digital Timer	4-1/2" x 17-3/4" x 2-1/2"	5-1/2" x 18-3/4"

Zone Analog Controllers

In-Wall Assemblies For Indoor Or Outdoor Protected Areas

30-4032
1 Zone Analog Controller

30-4033
2 Zone Analog Controller

30-4034
3 Zone Analog Controller
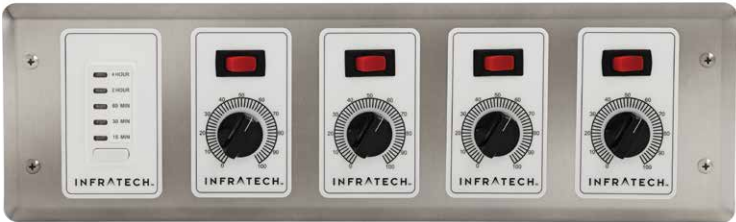
30-4035
4 Zone Analog Controller

30-4045
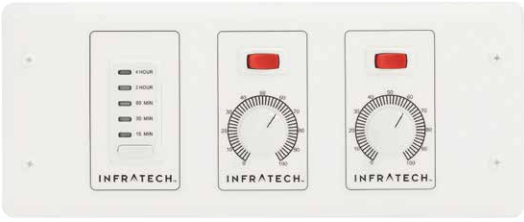1 Zone Analog Controller w/ Digital Timer

30-4046
2 Zone Analog Controller w/ Digital Timer

30-4047
3 Zone Analog Controller w/ Digital Timer

30-4048
4 Zone Analog Controller w/ Digital Timer

All Zone Analog Controllers also available in white (Special Order)

Solid State Relay Control Package Placement

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).

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).

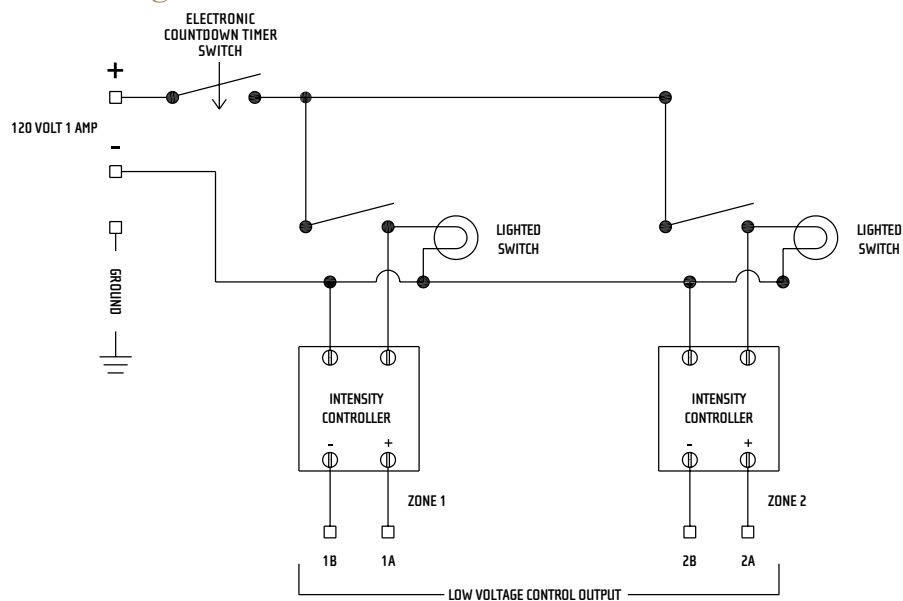- Custom NEMA 4 housing also available upon special order.

Solid State Relay Control Package Sample Wiring Diagrams

Two Relay Panel

240 VOLT 1Ø 80 AMPS
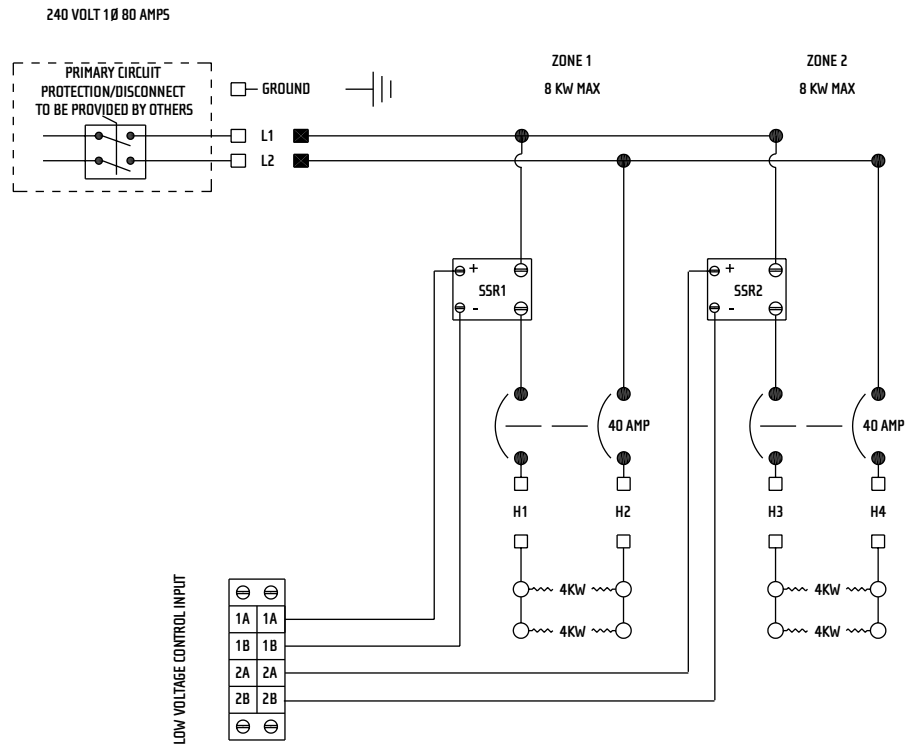
Two Zone Analog Controller

NOTE: USE TWISTED PAIR OR SHIELDED WIRE FOR LOW VOLTAGE HOOK-UP.

Home Management Relay Panel

For use in conjunction with your Home Management System

- Infratech's Home Management Control is compatible with top selling systems like Lutron™, Crestron™, Control 4™, and others.

- Interface requires a 0-10V DC Input for streamlined integration and control.

- Choose from a range of programming options through your home management system, including the ability to save preferred heating settings for off-site control via mobile device, and more.
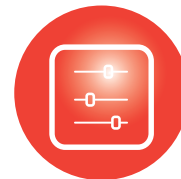
Three simple steps for Infratech + Smart Home setup

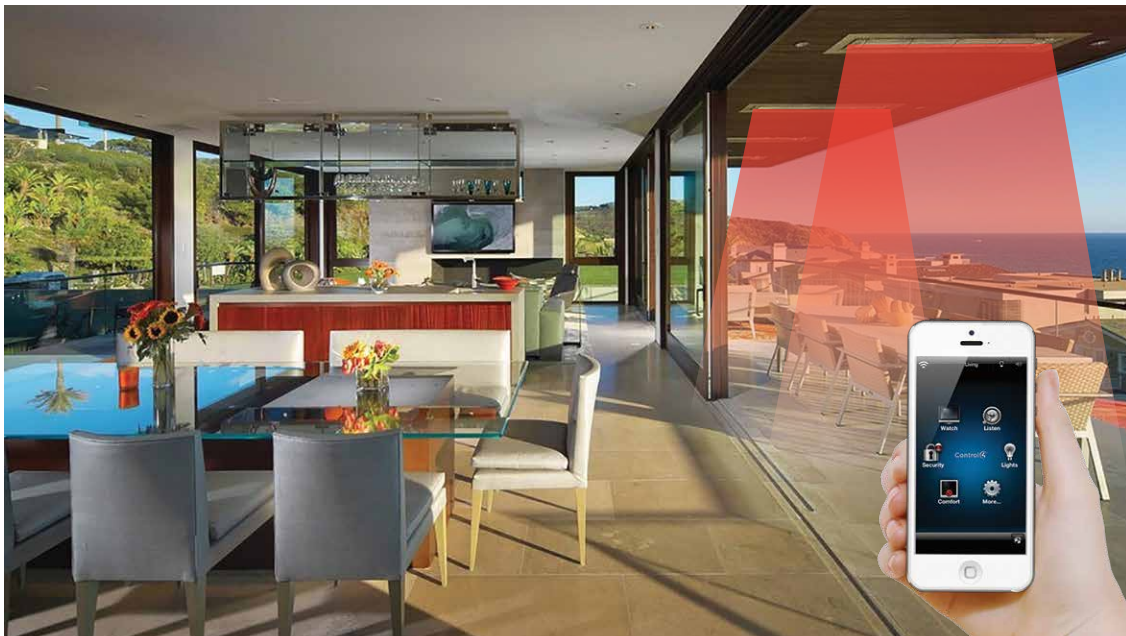**STEP 1** Select the Home Management System that provides the best functionality for your lifestyle.*

Contact us to check compatibility

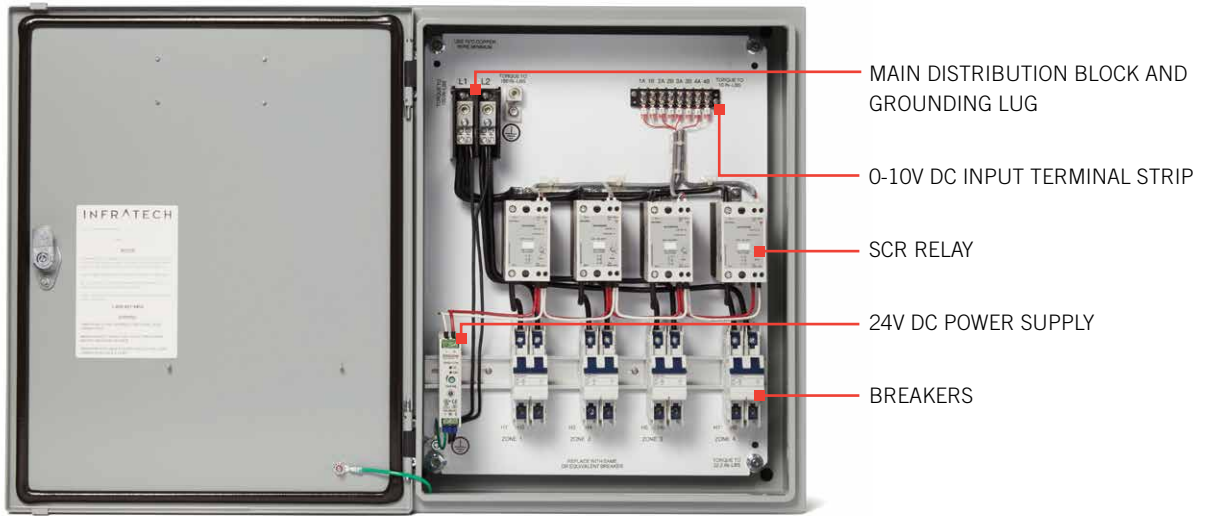**STEP 2** Install the Infratech heater or heating system that best complements the needs of your space.

STEP 3 Connect your Infratech heating control to the Smart control panel, with the assistance of a licensed electrician.
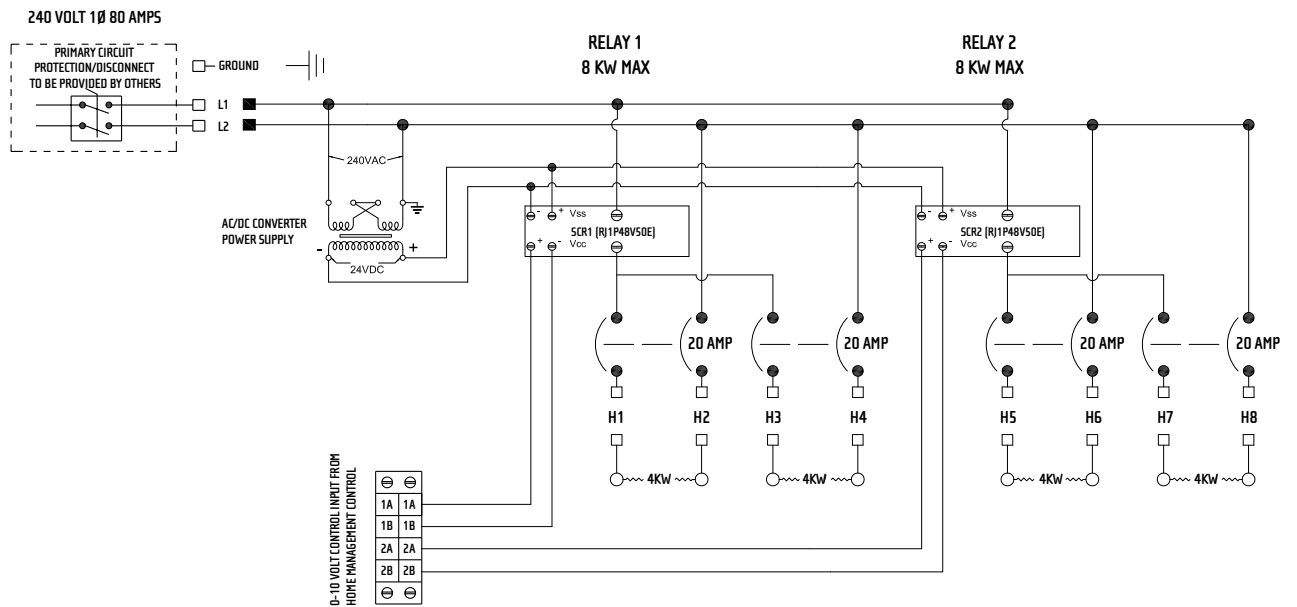
Home Management Relay Panel

MAIN DISTRIBUTION BLOCK AND GROUNDING LUG

0-10V DC INPUT TERMINAL STRIP

SCR RELAY

24V DC POWER SUPPLY

BREAKERS

PART#	DESCRIPTION	EXTERIOR DIMENSIONS
30-4061	1 Relay Home Management Panel	20" X 17" X 7"
30-4062	2 Relay Home Management Panel	20" X 17" X 7"
30-4063	3 Relay Home Management Panel	20" X 17" X 7"
30-4064	4 Relay Home Management Panel	20" X 17" X 7"
30-4065	5 Relay Home Management Panel	24" X 21" X 7"
30-4066	6 Relay Home Management Panel	24" X 21" X 7"

Above dimensions include $^1/_2$" louvers on each side of the relay panel.

Home Management Relay Panels requiring more than six relays are also available by special order. Please contact customer service for details.

Home Management Relay Panel
Sample Wiring Diagram

240 VOLT 1Ø 80 AMPS

PRIMARY CIRCUIT
PROTECTION/DISCONNECT
TO BE PROVIDED BY OTHERS

GROUND

L1

L2

240VAC

AC/DC CONVERTER
POWER SUPPLY

24VDC

RELAY 1
8 KW MAX

RELAY 2
8 KW MAX

SCR1 (RJ1P48V50E)
Vss
Vcc

SCR2 (RJ1P48V50E)
Vss
Vcc

20 AMP

20 AMP

20 AMP

20 AMP

H1   H2   H3   H4   H5   H6   H7   H8

4KW   4KW   4KW   4KW

0-10 VOLT CONTROL INPUT FROM
HOME MANAGEMENT CONTROL
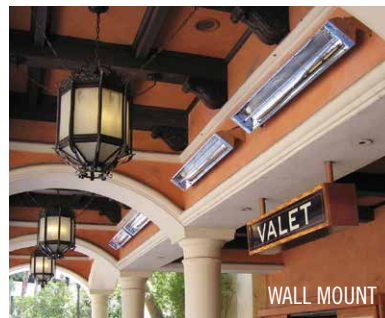
1A 1A
1B 1B
2A 2A
2B 2B

Mounting Options

- Flush Mount
- Ceiling Mount & Wall Mount
- Pole Mount

Mounting Options

Infratech's heaters can be flush mounted, ceiling mounted, wall mounted, or pole mounted with minimal clearance requirements. UL Listed for as low as 6 feet (minimum 7' suggested) and CUL Listed for as low as 8 feet.
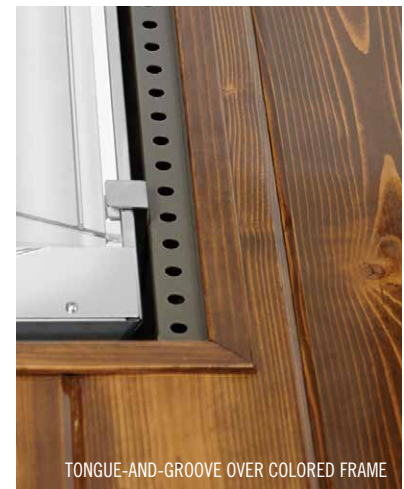

CEILING MOUNT

WALL MOUNT

POLE MOUNT

Flush Mount Installation

Applicable for the W-Series and WD-Series

- Frames are compatible with the W-Series and WD-Series fitting 33", 39", or 61-¼" heaters.

- Select an area with a flat ceiling and minimum 2" x 8" studs, where the heater can face straight down when recessed (see warning below).

- The Flush Mount Application requires a 5-sided 5/8" drywall lined pocket with a (1) hour fire rating.

- Infratech's Flush Mount Frames are furnished with a 4' Whip and Hi-Temp Wire Nuts for proper installation.

- The 4' Whip connects to the Heater (inside of the pocket) to a junction box outside of the pocket.

- The provided Hi-Temp Wire Nuts are used to connect the Whip (elbow side) to the J-Box on the back of the heater.

- The Flush Mount Frames can be installed with the edges exposed, or can be covered by a drywall, plaster, stucco or tongue-and-groove ceiling treatment. (½" clearance required from ventilation holes).

- Heater/Frame must always be permanently installed and hard wired by a licensed electrician.

- All electrical connections must be in compliance with the National Electric Code (NEC) and or local building codes.

Installation Examples

STUCCO OVER FRAME

MATCHING COLORED FRAME OVER FINISHED CEILING

TONGUE-AND-GROOVE OVER COLORED FRAME

NOTE: FRAME AND HEATERS CANNOT BE MOUNTED ON A SLOPED/PITCHED CEILING. FRAME IS ONLY TO BE USED ON A FLAT, NON-SLOPED CEILING. FLUSH MOUNT APPLICATIONS MUST ALWAYS BE INSTALLED WITH HEATERS HORIZONTAL TO THE FLOOR.

Flush Mount Frames

18-2305 W-61 Flush Mount Frame

18-2300 W-39 Flush Mount Frame

18-2295 W-33 Flush Mount Frame

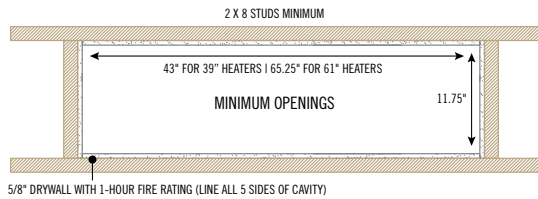| MODELS	HEATER LENGTH	FLUSH MOUNT FRAME
W-30	61-¼"	W-61
W-40	61-¼"	W-61
WD-60	61-¼"	W-61
W-20	39"	W-39
W-25	39"	W-39
WD-40	39"	W-39
WD-50	39"	W-39
WD-30	33"	W-33

■ For Bronze Body with Stainless Steel Trim add "BR" to part number above.

■ For Black Body add "BL" to part number above.

■ For Almond Body add "AL" to part number above.

■ For Beige Body add "BE" to part number above.

■ For Biscuit Body add "BI" to part number above.

■ For White Body add "WI" to part number above.

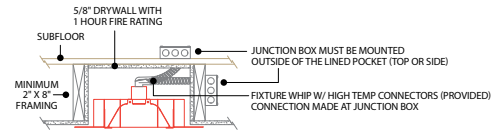NOTE: Frames supplied with Hi-Temp Fixture Whip and High Temp Wire Nuts.

Proper Flush Mount Installation
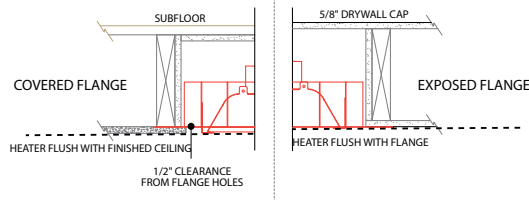
Flush mount your heater in four simple steps

STEP 1
Frame the pocket that will house the heater with a one hour-rated fire containment box.

2 X 8 STUDS MINIMUM

43" FOR 39" HEATERS | 65.25" FOR 61" HEATERS

MINIMUM OPENINGS

11.75"

5/8" DRYWALL WITH 1-HOUR FIRE RATING (LINE ALL 5 SIDES OF CAVITY)

STEP 2
The junction box must be mounted outside of the lined pocket. You can choose to mount the junction box in a variety of locations, depending upon where you'll be accessing it.

5/8" DRYWALL WITH 1 HOUR FIRE RATING

SUBFLOOR

JUNCTION BOX MUST BE MOUNTED OUTSIDE OF THE LINED POCKET (TOP OR SIDE)

MINIMUM 2" X 8" FRAMING

FIXTURE WHIP W/ HIGH TEMP CONNECTORS (PROVIDED) CONNECTION MADE AT JUNCTION BOX

STEP 3
Install the frame into the finished pocket. You may choose to leave all four inches of the trim exposed, or partially cover it with a decorative ceiling ($\frac{1}{2}$" clearance is required from ventilation holes).

SUBFLOOR

5/8" DRYWALL CAP

COVERED FLANGE

EXPOSED FLANGE

HEATER FLUSH WITH FINISHED CEILING

HEATER FLUSH WITH FLANGE

1/2" CLEARANCE FROM FLANGE HOLES

STEP 4
Install the heater (heater must face horizontal to the floor)and adjust the tabs to set the heater height appropriately.
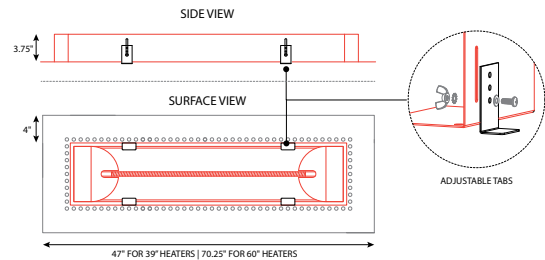
SIDE VIEW

3.75"

SURFACE VIEW

4"

ADJUSTABLE TABS

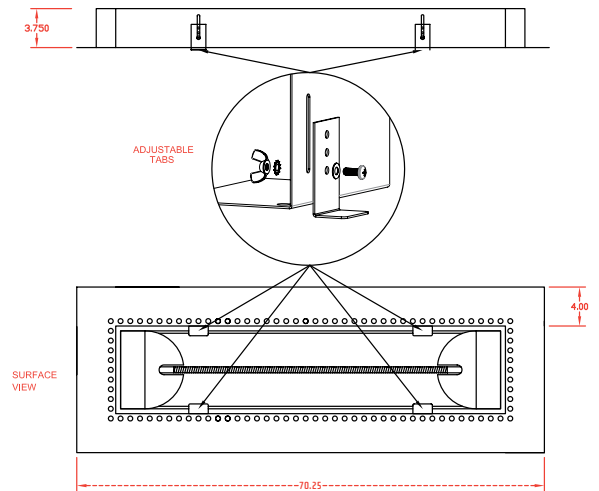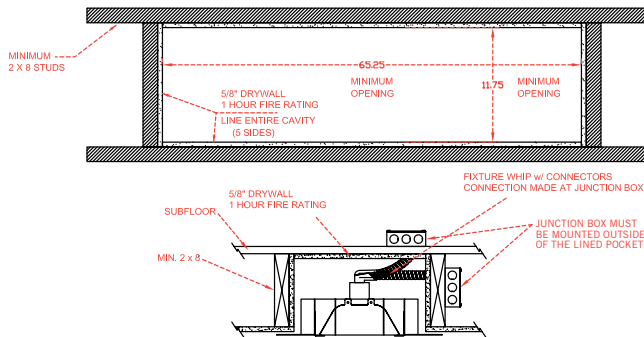47" FOR 39" HEATERS | 70.25" FOR 60" HEATERS

WARNING: FRAME AND HEATERS CANNOT BE MOUNTED ON A SLOPED/PITCHED CEILING. FLUSH MOUNT APPLICATIONS MUST ALWAYS BE INSTALLED WITH HEATERS HORIZONTAL TO THE FLOOR ON A FLAT, NON-SLOPED CEILING.
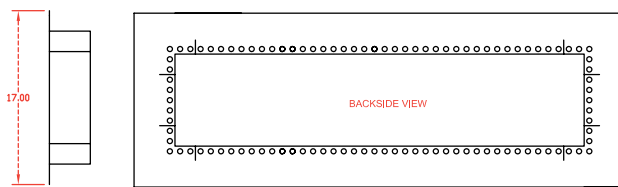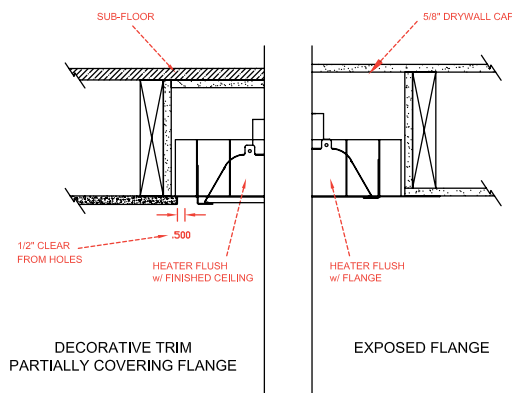
W-61 Flush Mount Frame Installation Diagram

Applicable for Infratech's W-Series and WD-Series 61-¼" Heaters

MINIMUM
2 X 8 STUDS

5/8" DRYWALL
1 HOUR FIRE RATING
LINE ENTIRE CAVITY
(5 SIDES)

65.25
MINIMUM
OPENING

11.75 MINIMUM
OPENING

5/8" DRYWALL
1 HOUR FIRE RATING

SUBFLOOR

MIN. 2 x 8

FIXTURE WHIP w/ CONNECTORS
CONNECTION MADE AT JUNCTION BOX

JUNCTION BOX MUST
BE MOUNTED OUTSIDE
OF THE LINED POCKET

3.750

ADJUSTABLE
TABS

SURFACE
VIEW

4.00

70.25

Installation Types

SUB-FLOOR

5/8" DRYWALL CAP

1/2" CLEAR
FROM HOLES

.500

HEATER FLUSH
w/ FINISHED CEILING

HEATER FLUSH
w/ FLANGE

DECORATIVE TRIM
PARTIALLY COVERING FLANGE
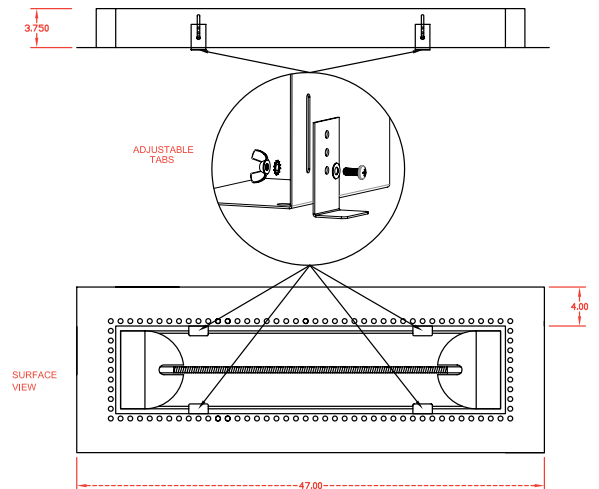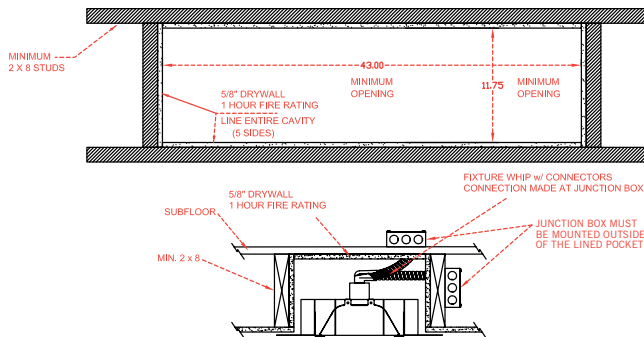
EXPOSED FLANGE

17.00

BACKSIDE VIEW

WARNINGS:

- This frame is ONLY to be used on a flat non-sloped ceiling.
- Heater must face straight down.
- Frame and Heater cannot be installed on a pitched angle.
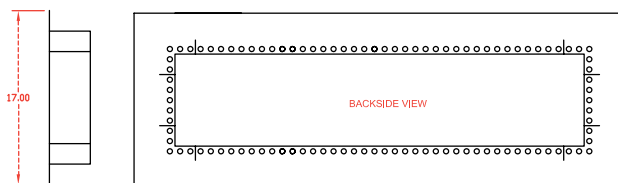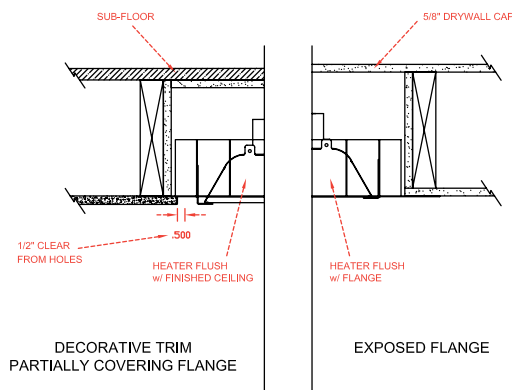
NOTES:

- Heater suspends (Gravity) by resting on adjustable tabs in flush mount fixture.
- Mounting holes on Surface Flange to be determined and drilled by Contractor/Installer.
- Supplied with Hi-Temp Fixture Whip and Hi-Temp Wire Nuts.
- Coil excess flex into heater cavity.
- **Use Licensed Electrician ONLY**

W-39 Flush Mount Frame Installation Diagram

Applicable for Infratech's W-Series and WD-Series 39" Heaters

MINIMUM
2 X 8 STUDS

43.00
MINIMUM
OPENING

11.75   MINIMUM
OPENING

5/8" DRYWALL
1 HOUR FIRE RATING
LINE ENTIRE CAVITY
(5 SIDES)

5/8" DRYWALL
1 HOUR FIRE RATING

SUBFLOOR

MIN. 2 x 8

FIXTURE WHIP w/ CONNECTORS
CONNECTION MADE AT JUNCTION BOX

JUNCTION BOX MUST
BE MOUNTED OUTSIDE
OF THE LINED POCKET

3.750

ADJUSTABLE
TABS

SURFACE
VIEW

4.00

47.00

Installation Types

SUB-FLOOR

5/8" DRYWALL CAP

1/2" CLEAR
FROM HOLES

.500

HEATER FLUSH
w/ FINISHED CEILING

HEATER FLUSH
w/ FLANGE

DECORATIVE TRIM
PARTIALLY COVERING FLANGE

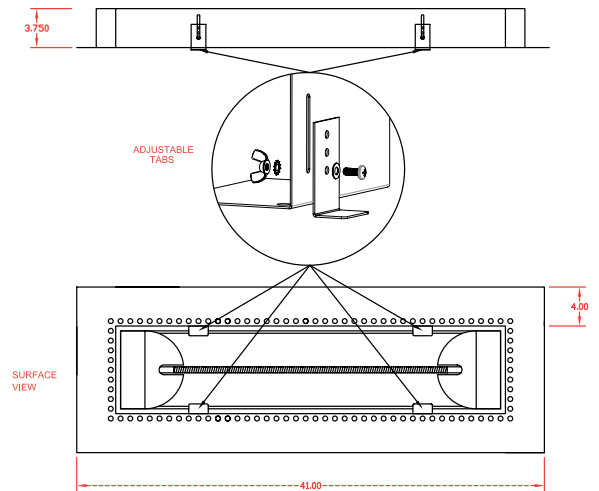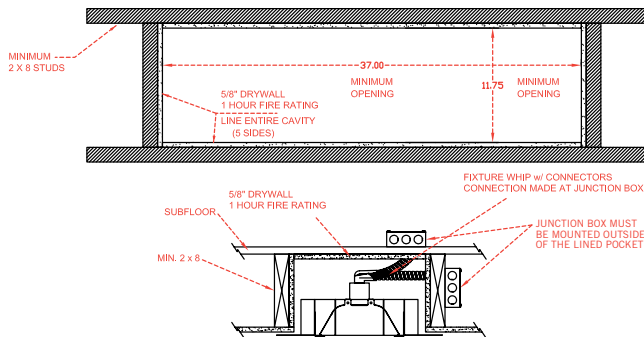EXPOSED FLANGE

17.00

BACKSIDE VIEW

WARNINGS:

- **This frame is ONLY to be used on a flat non-sloped ceiling.**
- **Heater must face straight down.**
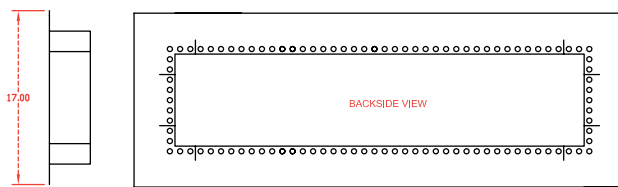- **Frame and Heater cannot be installed on a pitched angle.**
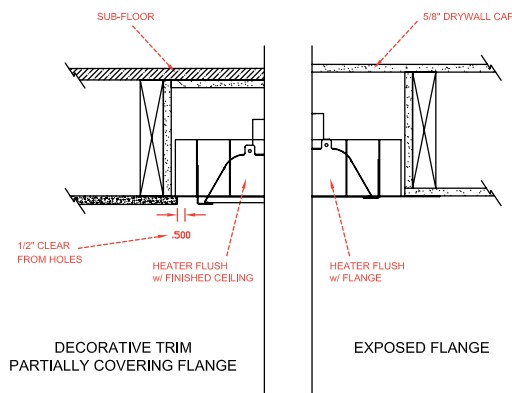
NOTES:

- Heater suspends (Gravity) by resting on adjustable tabs in flush mount fixture.
- Mounting holes on Surface Flange to be determined and drilled by Contractor/Installer.
- Supplied with Hi-Temp Fixture Whip and Hi-Temp Wire Nuts.
- Coil excess flex into heater cavity.
- **Use Licensed Electrician ONLY**

W-33 Flush Mount Frame Installation Diagram

Applicable for Infratech's WD-Series 33" Heaters

MINIMUM
2 X 8 STUDS

37.00
MINIMUM
OPENING

11.75
MINIMUM
OPENING

5/8" DRYWALL
1 HOUR FIRE RATING
LINE ENTIRE CAVITY
(5 SIDES)

5/8" DRYWALL
1 HOUR FIRE RATING

SUBFLOOR

MIN. 2 x 8

FIXTURE WHIP w/ CONNECTORS
CONNECTION MADE AT JUNCTION BOX

JUNCTION BOX MUST
BE MOUNTED OUTSIDE
OF THE LINED POCKET

3.750

ADJUSTABLE
TABS

SURFACE
VIEW

4.00

41.00

Installation Types

SUB-FLOOR

5/8" DRYWALL CAP

1/2" CLEAR
FROM HOLES

.500

HEATER FLUSH
w/ FINISHED CEILING

HEATER FLUSH
w/ FLANGE

DECORATIVE TRIM
PARTIALLY COVERING FLANGE

EXPOSED FLANGE

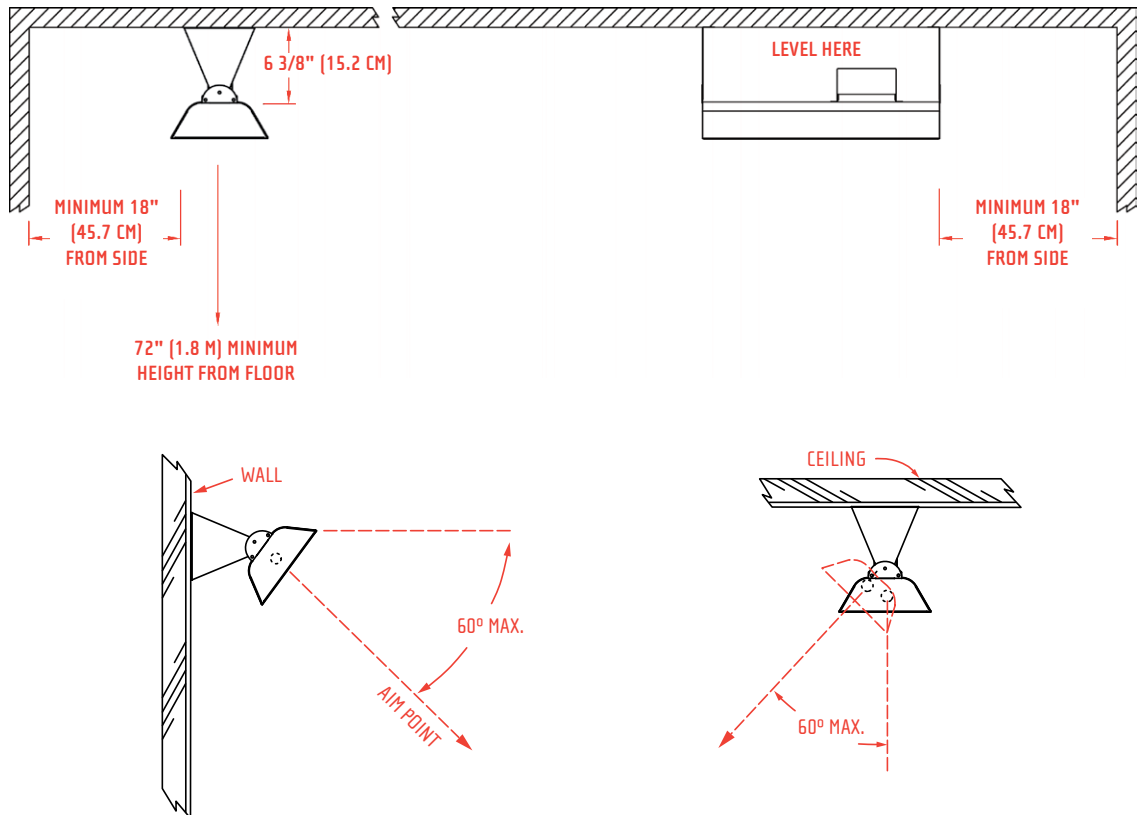17.00

BACKSIDE VIEW

WARNINGS:

- **This frame is ONLY to be used on a flat non-sloped ceiling.**
- **Heater must face straight down.**
- **Frame and Heater cannot be installed on a pitched angle.**

NOTES:

- Heater suspends (Gravity) by resting on adjustable tabs in flush mount fixture.
- Mounting holes on Surface Flange to be determined and drilled by Contractor/Installer.
- Supplied with Hi-Temp Fixture Whip and Hi-Temp Wire Nuts.
- Coil excess flex into heater cavity.
- **Use Licensed Electrician ONLY**

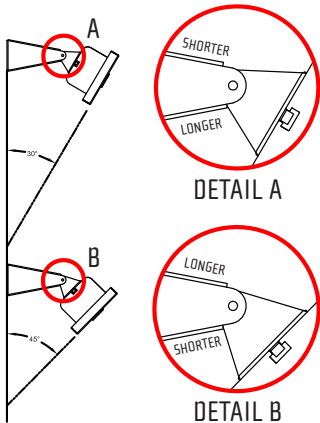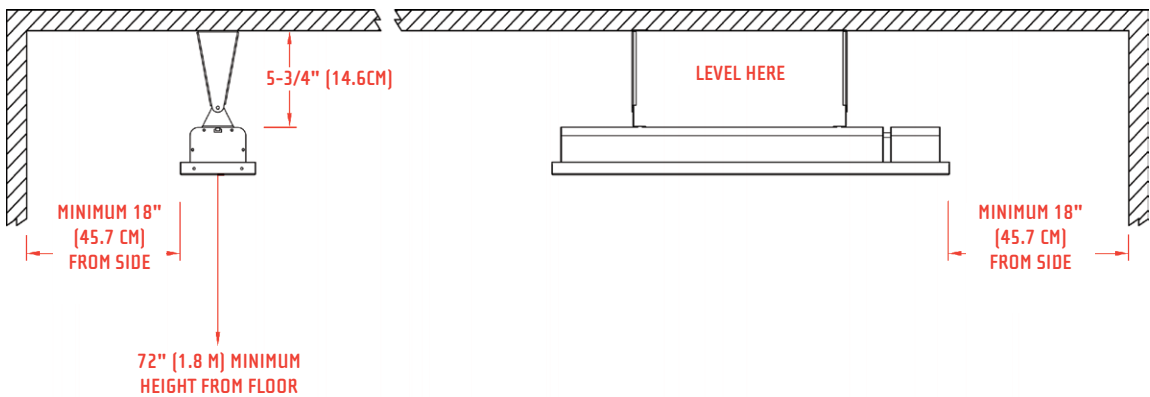# Ceiling and Wall Mount Applications for W-Series and WD-Series Heaters

Our low profile heaters are suitable for indoor and outdoor installations, and offer a pleasing, streamlined look due to low clearance requirements.

6 3/8" (15.2 CM)

LEVEL HERE

MINIMUM 18" (45.7 CM) FROM SIDE

MINIMUM 18" (45.7 CM) FROM SIDE

72" (1.8 M) MINIMUM HEIGHT FROM FLOOR

WALL

60° MAX.

AIM POINT

CEILING

60° MAX.

CEILING MOUNT

WALL MOUNT

VALET

Mounting Brackets are included with all Infratech Heaters

Ceiling and Wall Mount Applications
for SL-Series Slimline Heaters

The SL-Series Brackets are designed for two positive stop positions.

5-3/4" (14.6CM)

LEVEL HERE

MINIMUM 18"
(45.7 CM)
FROM SIDE

MINIMUM 18"
(45.7 CM)
FROM SIDE

72" (1.8 M) MINIMUM
HEIGHT FROM FLOOR

A

SHORTER

LONGER

DETAIL A

30°

B

LONGER

SHORTER

DETAIL B

45°

SHALLOW ANGLE

For a Shallow Angle Installation (30º off the wall) mount both brackets with the "longer length stop" positioned on the bottom.

STEEPER ANGLE

For a Steeper Angle Installation (45º off the wall) mount both brackets with the "shorter length stop" positioned on the bottom.
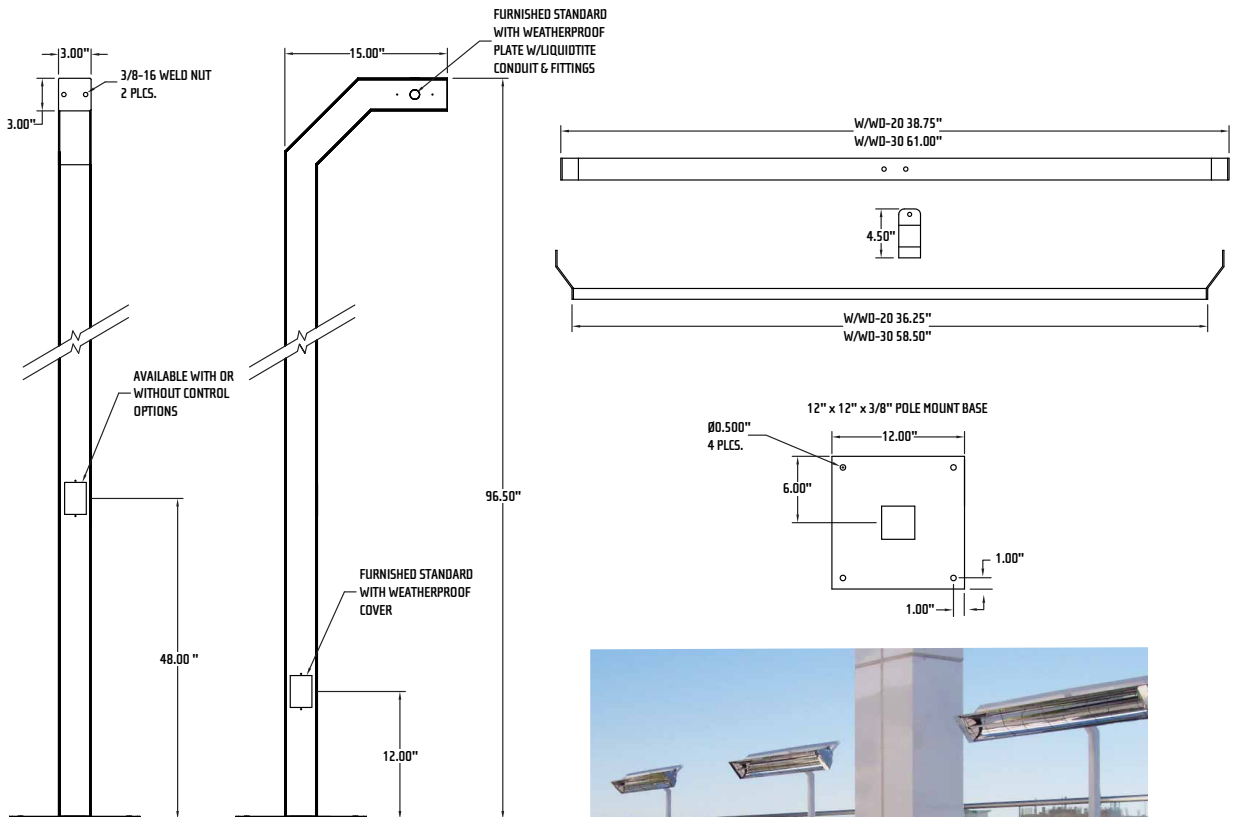
CEILING MOUNT

WALL MOUNT

Mounting Brackets are included with all Infratech Heaters

Pole Mount Installation

8' Pole with 12" X 12" Base. Includes both Pole Mount and Cross Bar.
Available with or without Cutout Switch for Control Options.

POLE MOUNT INSTALLATION FOR W/WD-SERIES HEATERS

FURNISHED STANDARD WITH WEATHERPROOF PLATE W/LIQUIDTITE CONDUIT & FITTINGS

3.00"

3/8-16 WELD NUT 2 PLCS.

3.00"

15.00"

W/WD-20 38.75"
W/WD-30 61.00"

4.50"

W/WD-20 36.25"
W/WD-30 58.50"

AVAILABLE WITH OR WITHOUT CONTROL OPTIONS

96.50"

12" x 12" x 3/8" POLE MOUNT BASE

Ø0.500"
4 PLCS.

12.00"

6.00"

1.00"

1.00"

FURNISHED STANDARD WITH WEATHERPROOF COVER

48.00 "

12.00"

PART#	DESCRIPTION
22-1250	W-39 Pole Mount - White
22-1255	W-61 Pole Mount - White

Color Options

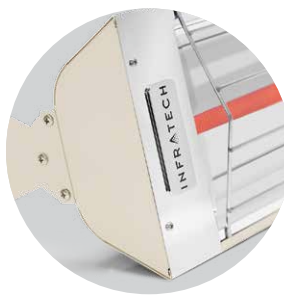- Color and Finish Options
- Custom Colors

W-Series/WD-Series Color and Finish Options

■ Infratech's heaters and flush mount frames are available in a brushed stainless steel finish, along with the six (6) standard color options shown.

■ The Standard Colors are powder coated over the stainless steel and baked to achieve a long lasting, fade and corrosion resistant finish.

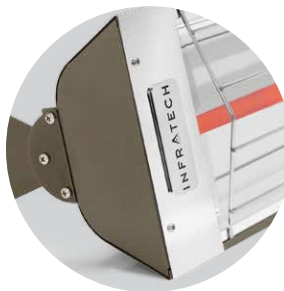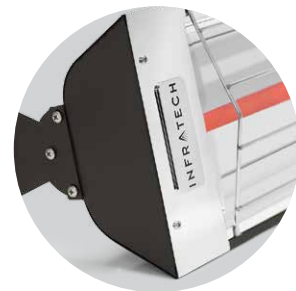■ You may also choose your own custom finish color, that complements your wall or ceiling treatments (see page 3).

WHITE

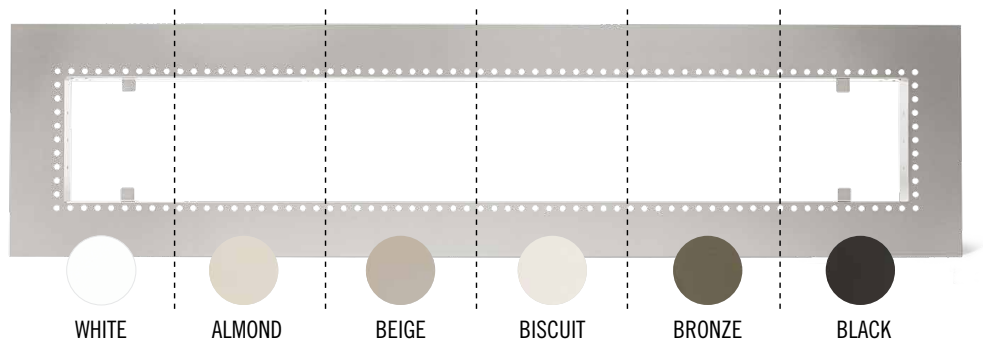**ALMOND**
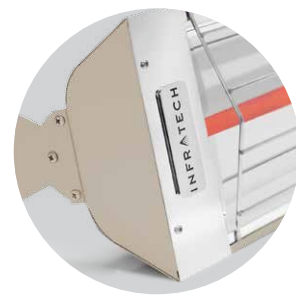
BEIGE

BISCUIT

BRONZE

BLACK

NOTE: Flush Mount Installations require powder coating the frame, rather then the heater itself to achieve the desired look.

WHITE   ALMOND   BEIGE   BISCUIT   BRONZE   BLACK

(ADDITIONAL CHARGES APPLY)

SL-Series Color and Finish Options

Slimline Heaters can be ordered in the following configurations to better coordinate with your environment.

SILVER

Stainless Steel
The Slimline SL-Series comes with a stainless steel trim over a stainless hue anodized aluminum body/mounting brackets.

BRONZE

Anodized Bronze
Available with a Stainless steel trim over bronze anodized aluminum body/mounting brackets. To order the bronze body and brackets, add "BR" to the end of the model part number.

ALL BLACK SLIMLINE
SHADOW™

All Black Slimline Shadow™
Infratech's All Black Slimline Shadow™ has a powder coated black trim over black anodized aluminum body/mounting brackets. To order the All Black Slimline Shadow™ add "BL" to the end of the model part number.

Pricing is the same for all SL-Slimline Series.

Custom Colors

Virtually Any Custom Color Available

- Applicable for the W-Series and WD-Series Heaters and Infratech's Flush Mount Frames.

- Wide spectrum of colors, textures, and finishes available. Contact Infratech for a copy of Tiger Drylac's color chart to make your selection.

- Once selecting a Tiger Drylac's RAL Number, please contact customer service for a custom quote.

- All custom color orders are non-refundable, and have an approximate lead time of 3-4 weeks.
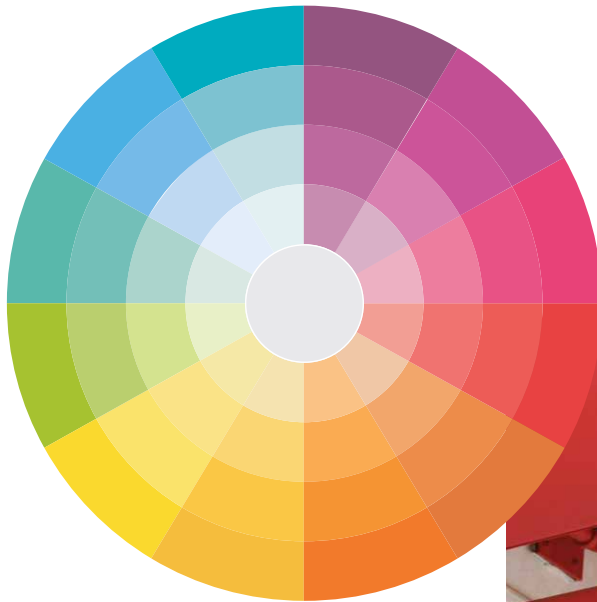
Getting Started
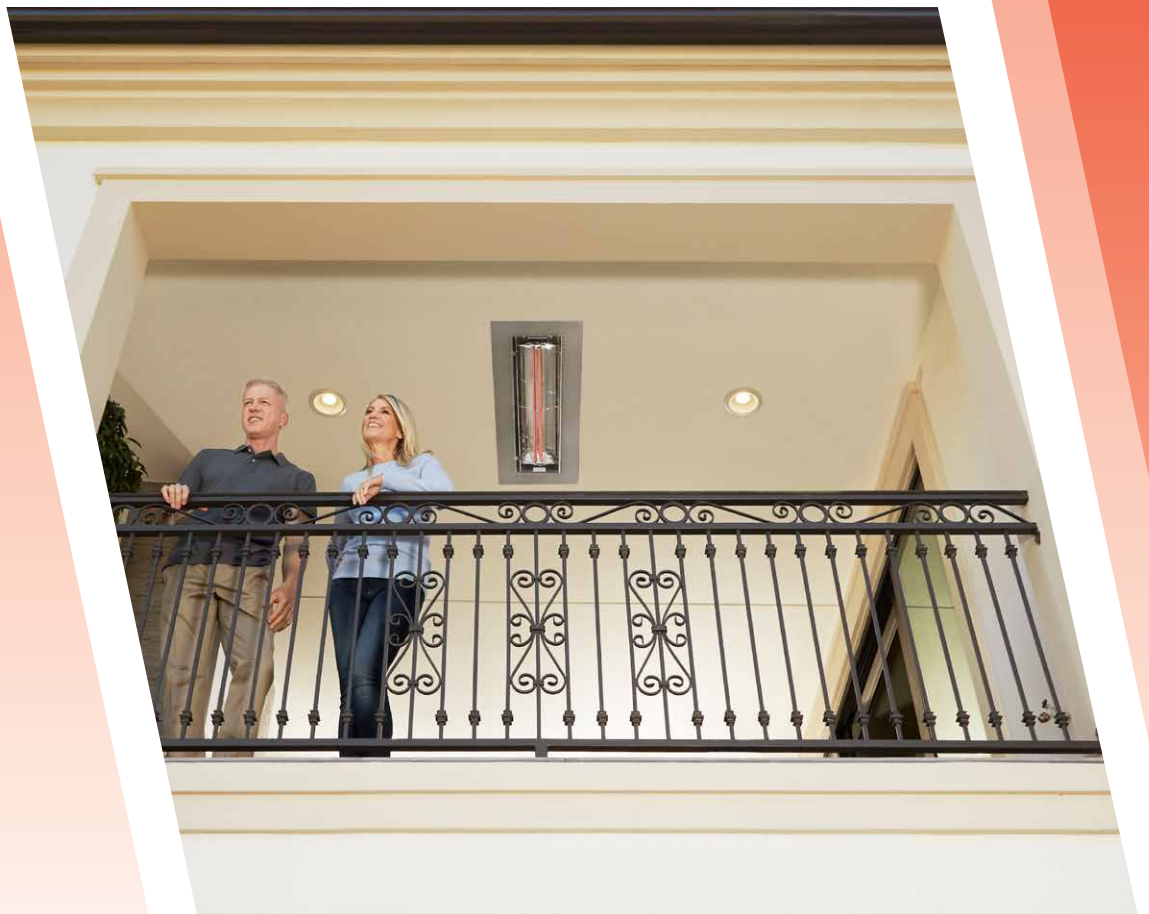
Heat Your Space in 3 Easy Steps

Infratech offers the widest range of fixtures, installation and control capabilities to create comfortable spaces.
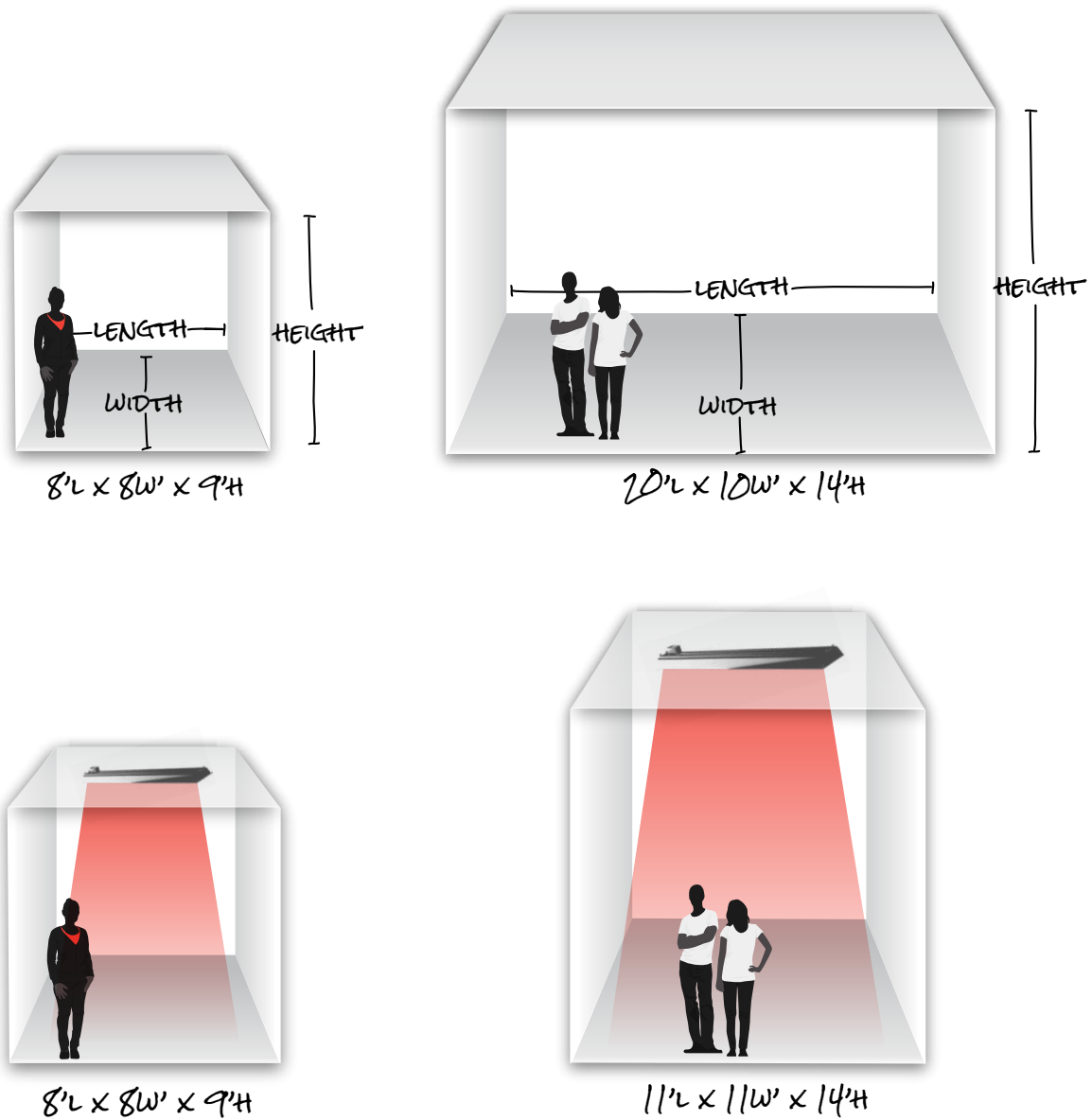
STEP 1 | Measure the Area

STEP 2 | Select the Heaters
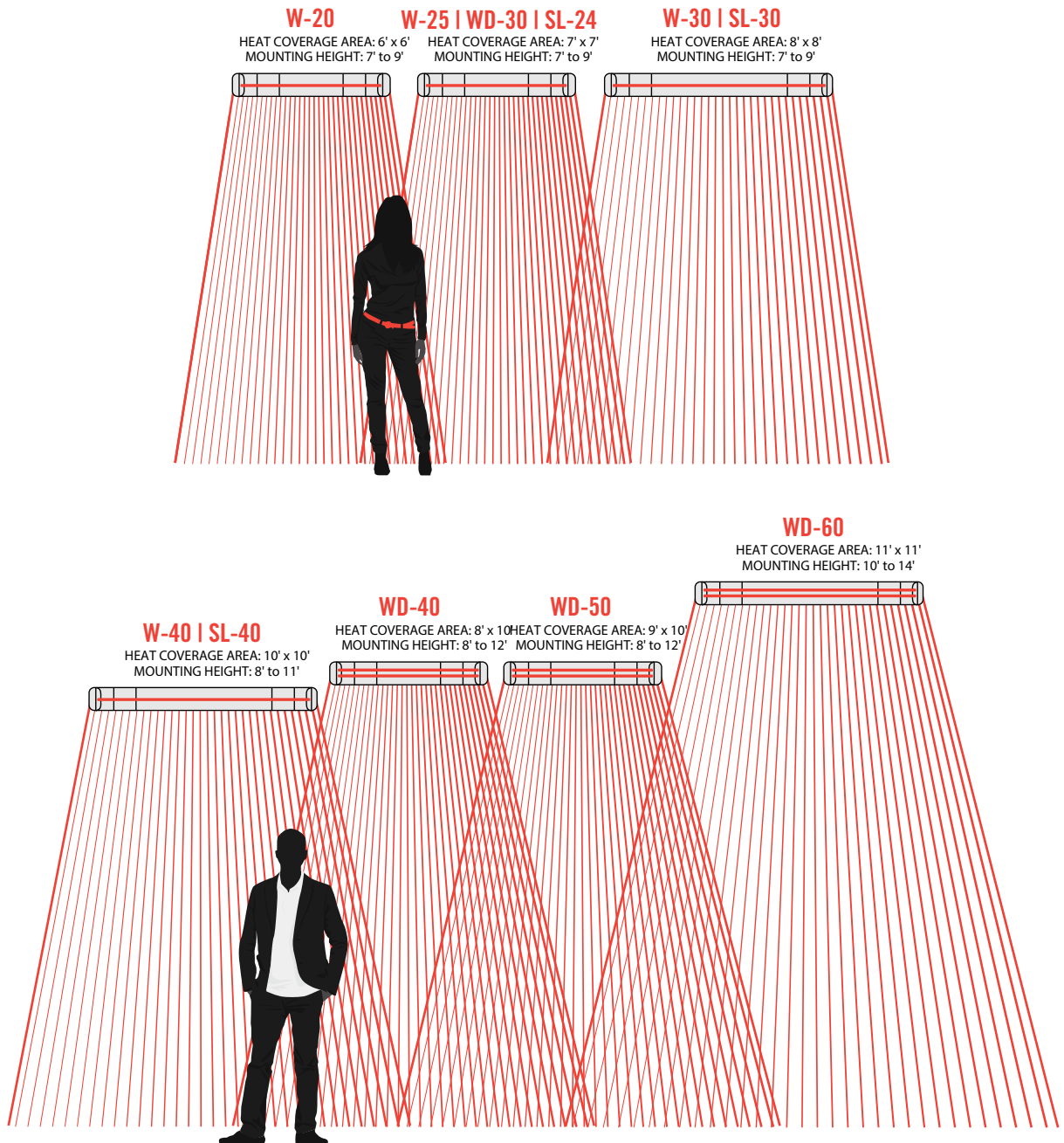
STEP 3 | Choose the Controls

STEP 1: Measure The Area

Determine the approximate measurements and mounting heights of the area you want to heat (include length, width, and height).

8'L × 8W' × 9'H

20'L × 10W' × 14'H

8'L × 8W' × 9'H

11'L × 11W' × 14'H

STEP 2: Select The Heaters

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

W-20
HEAT COVERAGE AREA: 6' x 6'
MOUNTING HEIGHT: 7' to 9'

W-25 | WD-30 | SL-24
HEAT COVERAGE AREA: 7' x 7'
MOUNTING HEIGHT: 7' to 9'

W-30 | SL-30
HEAT COVERAGE AREA: 8' x 8'
MOUNTING HEIGHT: 7' to 9'

WD-60
HEAT COVERAGE AREA: 11' x 11'
MOUNTING HEIGHT: 10' to 14'

WD-40
HEAT COVERAGE AREA: 8' x 10'
MOUNTING HEIGHT: 8' to 12'

WD-50
HEAT COVERAGE AREA: 9' x 10'
MOUNTING HEIGHT: 8' to 12'

W-40 | SL-40
HEAT COVERAGE AREA: 10' x 10'
MOUNTING HEIGHT: 8' to 11'

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

STEP 3: Choose The Controls

Choose the control option that works best for your desired control capabilities or budget. Options include value control installations or infinite adjustment with solid-state controls.

Solid State Relay Control Package

Solid State Relay Panel

Zone Analog Controller w/Digital Timer

Value Controls
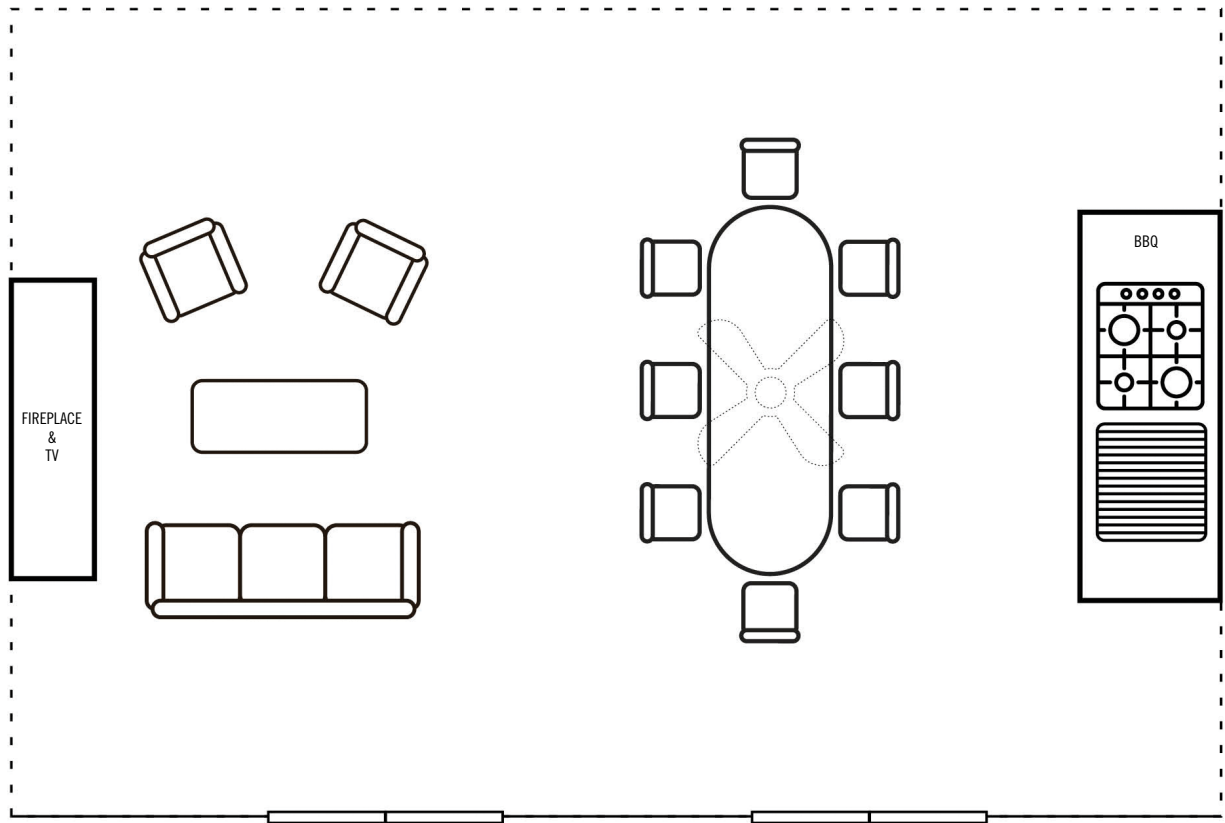

Simple On/Off Switch   INF Regulator   Duplex/Stack Switch

Home Management Relay Panel

Example of Heater and Control Layout

FIREPLACE
&
TV

BBQ

- Which heater(s)?_____

  • Quantity: _____

  • Mounting Options _____

- Total amps required _____

- Controls? _____

- Color? _____

- If Solid State, how would you set up the zones?

  _____

  _____

  _____

  _____

  _____

Frequently Asked Questions
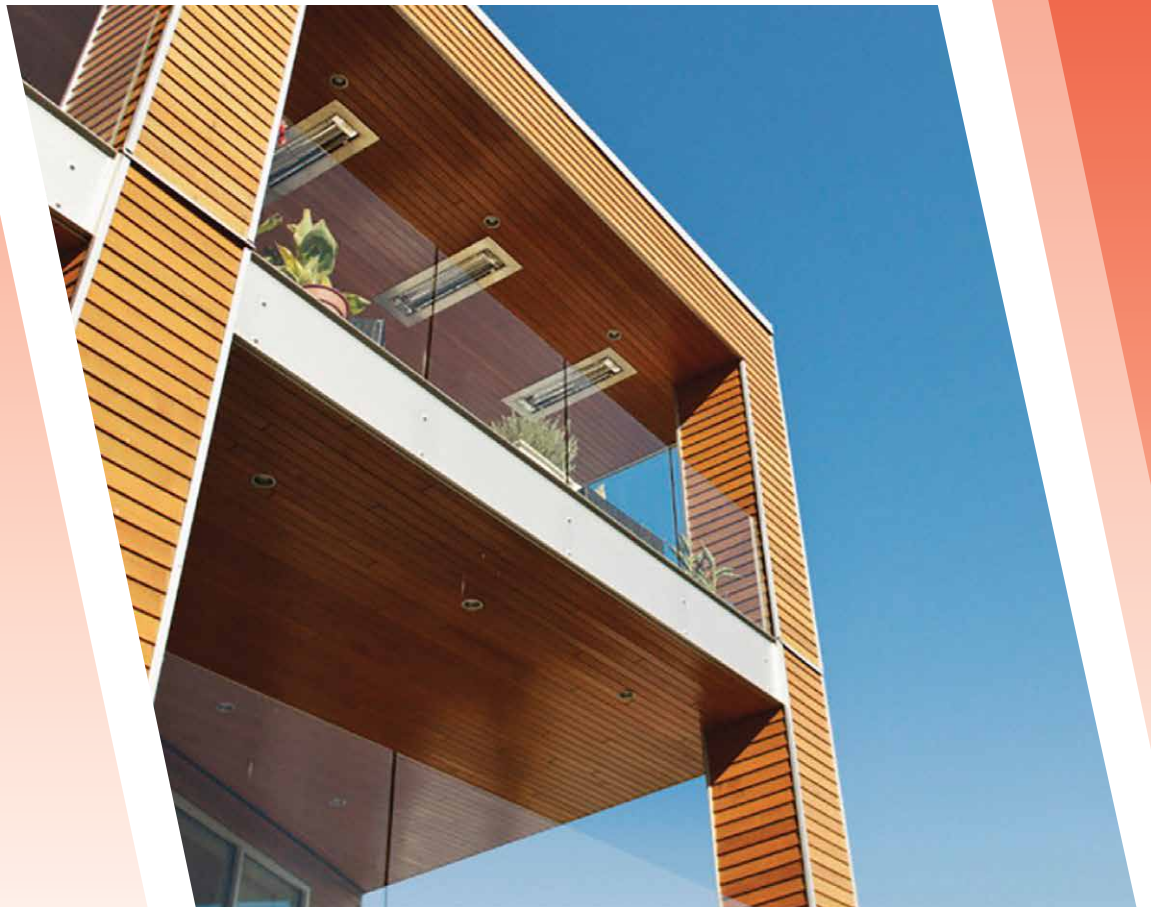
Frequently Asked Questions

Why choose an electric heater, rather than a gas heater?

Simply put, electric heaters look better, are more efficient and are easier to operate and maintain.Electric heaters are over 90% efficient and are perfectly safe for use indoors or outdoors. They are also economical to operate and require little maintenance beyond periodic cleaning. Unlike gas heaters, there are no valves, ignition components, moving parts or burners to maintain or repair. In addition, electric heaters produce no sound, odors or toxic emissions.

Electric heaters also offer added mounting and installation options. They may be flush mounted into a standard 8' ceiling using our flush mount frame. When surface mounted, they hang less than 9-1/2' from the ceiling. The most commonly used overhead gas heater requires a minimum ceiling height of almost 10' and, when mounted properly, will hang almost 24' below it.

An electric heater is also easier to use. Enjoying electric comfort heat is as easy as flipping a switch. You can adjust the intensity of an electric heater infinitely from zero to 100% of power. By contrast, gas heaters only produce infrared energy on their highest possible settings.

How can I estimate my cost of operation?

Electric heaters are economical to operate. It is easy to estimate your operating cost by multiplying the total kilowatts by your local power rate for a "kilowatt hour" (kwh). Standard power rates vary from market to market. Your rate should appear on any monthly utility statement. For example, a typical 3,000 watt (3 KW) heater, at full power, would cost 39¢ per hour based on a utility rate of 13¢ per kwh. Also keep in mind that your electric heater has a lower acquisition cost than a standard gas heater.

How do I determine how many heaters I will need?

Please visit the "Getting Started" page for simple steps to help you select the right heaters and control options for your space. For professional assistance, you may be required to submit some basic information about your area to be heated. We are happy to help you design a system that will satisfy your needs and your budget.

How small of a heater can I use?

Always choose a heater size with the appropriate heat output for the mounting height and area to cover. By selecting a smaller unit, you may require more heaters to get the same amount of heat output. If you are choosing a dual element unit for aesthetic purposes, you will be concentrating more heat into a tighter space. Again, this may mean that you will possibly require more fixtures to provide total coverage of your area. Patio heating is often a compromise between functionality and finding thedesired look.

How much heat should I expect?

At their Food Services Testing Center, Pacific Gas & Electric has determined that a good patio heat installation (gas or electric) will provide between 3-7° of perceived heat at 60° F ambient conditions. Test results determined that more than 7° is too warm to sit in for extended periods. Colder or draftier areas may require more heat; protected or warmer areas may require less. Every installation will vary, along with our customers' expectations.

Does an electric heater cost more than a gas unit to operate?

Operating costs vary by region. Nationwide, electric heaters are less expensive than propane, and are competitive with natural gas. Depending upon the total hours of usage, electric heaters normally have a much lower cost of ownership when factoring in purchase price and maintenance needs. Basically, this means that while it can cost more per hour to operate an electric unit in some areas, it typically takes 7-10 years to save enough money operating on gas to recover the substantially higher purchase price-not to mention cost of regular maintenance for a gas heater.

Frequently Asked Questions

Electrical

Can I run my heaters on only 120 volts of power?

Using a 110/120-volt heater (1,500 watts maximum) is fine for enclosed areas like garages, indoor work areas or outdoor spaces no larger than 5' x 5'. When heating larger areas, running a dedicated 110/120-volt circuit is not practical or economical. A 240-volt circuit will require the same amount of wiring, will heat substantially larger areas with greater comfort, and will simply require two spaces in the breaker panel, rather than one.

What's the difference between 208-volt and 240-volt power?

Many new homes and businesses are supplied with 208-volt power, as opposed to the more familiar 240-volt option. It is very important to determine your power voltage before ordering and installing a heater. A 240-volt heater on 208 volts of power will only produce about 60% of the desired infrared energy. Contact the marketing department of your local utility or consult a licensed electrician to determine the actual voltage at your property location. Infratech heaters are available in single and dual element 120, 208, 240, 277 and 480-volt models.

What are your safety certificates?

All Infratech W-Series heaters are Underwriters Laboratories (UL) and Canadian Underwriters Laboratories (cUL) Listed under File E 29825. We are NZ/Australia and CE Listed under Wakefield Laboratories File NSW 21732. All Infratech fixtures are also certified IP X4 rated.

Product

Should I purchase Infratech solid-state controls?

Infratech solid-state controls give you the most efficient and versatile form of control for your heaters. While other lower cost controls are available, if your space calls for larger heaters or multiple heaters, solid-state controls quickly become your best choice for a quality installation. Contact us and let our qualified staff help you configure the best heaters and controls for your project.

How long can I expect an Infratech quartz element to last?

Infratech elements are rated for 5,000 hours of continuous use. In many installations you may enjoy your heater for years before a replacement would be needed. Always refer to the W-Series manual for specific instructions, and be sure to disconnect the power to your heater before attempting to change an element.

Are quartz elements better than "short wave" halogen elements?

If you are concerned about ambience, the appearance of your décor and creating a more relaxing environment, Infratech infrared quartz elements are always the best choice. Infratech quartz elements provide comfortable medium wave heat. Competitive products with short wave halogen elements produce more intense heat while emitting very bright and harsh-colored light. By contrast, Infratech medium wave elements effectively heat your space, while providing a soft, warm glow that is practically unnoticeable.

Smart Home Installation

Can I operate Infratech heaters from home lighting controls or home management systems?

Yes. There are two ways to integrate our solid-state controls into your home management system. One permits on/off and timer functionality only, by switching the 120-volt power to the analog remote. The second way allows for full integration with our controls designed to accept a 0-10-volt DC signal from the home management system, to vary the intensity of the heaters. Contact us for a complete consultation.

Frequently Asked Questions

Slimline

Can I recess a SL series heater?

No. The SL series heater housing operates at a significantly higher temperature than the W series fixtures due to the narrow profile and tight clearances to the heating element. The SL housing would exceed safe operating temperatures for wiring with restricted air circulation.

Can the SL series heater be painted or powder coated?

No. The SL series heater housing is anodized aluminum. It is available in a silver, stainless colored finish or a dark bronze, almost black anodized finish. Paint or powder coating interferes with the T slot, and reduces heat dissipation. This layer of paint "insulation" increases the operating temperature of the housing beyond acceptable limits.

Why has my Slimline reflector distorted or warped?

There are two possible reasons. First and most common would be because the safety grill is not properly installed in the channel, between the reflector returns, and under the stainless trim ring. The grill needs to be in the channel to hold the reflector properly placed.

The reflector is designed to expand and contract as the housing heats and cools at a different rate. The reflector has slotted holes on each end. If the screws securing the end are over tightened (tight to the bottom) the reflector can deform with the grill in place. During assembly the end screws are backed out, from ½ to 1 full turn to allow room for expansion. This is important to know should you need to replace a reflector for damage or maintenance.

Will the SL series heater generate the same heat as a comparably rated W series heater?

Yes, they will have the same heat output. A watt = watt. The difference is in the styling, and construction, but with the narrower design of the SL units, the heat pattern is slightly more concentrated towards the center.

Do I need to use the supplied mounting brackets?

No. The installer can use any desired bracket that meets the minimum clearance requirements. You can use a ¼" hex bolt head in the T slot if attaching to structural tubing.

Pricing

indoor comfort,
outdoor living.

INFRATECH
COMFORT

PREMIUM OUTDOOR COMFORT HEAT

bring more living to
your outdoor spaces.

Brunch on the terrace in early spring. Holiday cocktails on the deck. Now you can extend the outdoor living and entertaining season by more than three months in temperate areas to year-round in milder climates with an Infratech electric heating system. Our products offer eco-friendly, customized warmth that enhances the comfort of your outdoor spaces. Choose from a versatile range of options, to seamlessly blend into the design of your home or commercial property.

CONTENTS

INFRARED BASICS

Dial up the comfort – without harming the environment.

PRODUCTS

Bring year-round indoor comfort to an outdoor living space.

INSTALLATION

Versatile options. Zone heaters for energy efficiency.

eco-friendly, emission-free, *ambient warmth.*

Discover a sustainable comfort heat source for outdoor living and entertaining spaces. Infratech electric heaters are over 90% energy efficient, operate for just pennies per hour, and emit a subtle, pleasing glow that will not blow away in windy conditions. Enjoy odorless, radiant warmth that won't detract from the aroma of an alfresco meal in the outdoor kitchen or interfere with the view from a rooftop deck.

HOW INFRATECH HEATING WORKS

Heated quartz elements emit 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

Infrared heat doesn't "blow away" in windy conditions, making it ideal for breezy areas where air cannot be contained

Unlike competitive short wave heaters, Infratech's medium wave quartz elements operate without any harsh glares

Energy-efficient comfort heat with all the ambience — and zero emissions.

Why Infratech is the sustainable heating choice

INFRATECH ELECTRIC HEATERS

- Convert over 90% of input energy directly into radiant heat.
- Operate with zero greenhouse gases or odors.
- Have no refillable tanks.
- Are UL Listed for indoor and outdoor use.
- Are less expensive to purchase and operate than traditional outdoor heating options.
- Have minimal clearance requirements.
- Are virtually maintenance-free.
- Offer infinite heat intensity control and zoning capabilities with timer and remote options.
- Emit a pleasing, ambient glow compared to the harsh glare of short wave heaters.

TRADITIONAL GAS-FIRED HEATERS AND OUTDOOR FIREPLACES

- Are often less than 50% efficient.
- Emit carbon monoxide and hazardous gases as a by-product of fuel combustion.
- Require ventilation.
- Require refills of propane tanks or wood.
- Feature larger profiles.
- Cost more to acquire and maintain.
- Provide little to no heat control.
- Produce smoke that can be hazardous in drought-prone regions or windy conditions.

the right heaters *for every project.*

Outdoor living spaces come in all sizes, styles and layouts. With Infratech, you can choose the heater profiles, sizes and capacities to add premium comfort to any space. Our heaters can bring optimal comfort to a single room or expansive property, in spaces where ceilings are high or low, or in areas where heaters are sheltered from the elements or exposed on a trellis or pole.
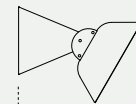
Infratech is a partner of choice among leading architects, interior designers and engineers because we offer a broad range of heating system options to complement their vision.
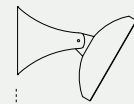
INFRATECH ELECTRIC HEATERS HAVE A SMALLER, SLEEKER PROFILE THAN TYPICAL GAS INFRARED HEATERS
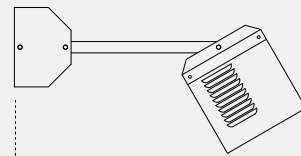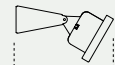
TYPICAL GAS INFRARED HEATER

INFRATECH W-SERIES AND WD-SERIES HEATERS

INFRATECH C-SERIES AND CD-SERIES HEATERS

INFRATECH SL-SERIES SLIMLINE HEATER

our new
C-Series.

Infratech's new Contemporary Series heaters are designed to maximize comfort and design impact in high visibility spaces. Features like floating mounts with inset mounting brackets combine a sleeker profile with concentrated heat output, for optimal warmth and style.
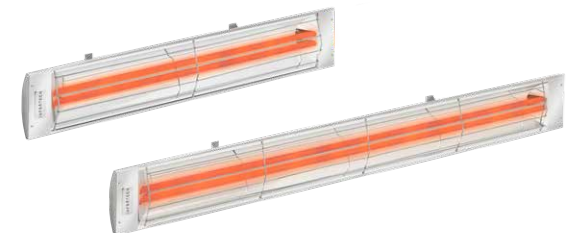
C-SERIES SINGLE ELEMENT HEATERS

- Our new C-Series fixtures are developed for use in high visual impact locations where their sleek design blends seamlessly. They offer significant heat output for mounting heights of 7-11 feet.

- Features include: durable 304 stainless steel construction, recessed installations, and inset mounting brackets that create a "floating" effect when mounted.

- Choose from 1,500-4,000 watt and 120-480 volt capacities.

- Compatible with our custom controls for larger-scale residential or commercial use.

- Choose from brushed stainless steel, standard and custom color finish options.

CD-SERIES DUAL ELEMENT HEATERS

- Our powerful new dual-element CD-Series fixtures provide concentrated heat for larger scale applications in high visual impact locations. Designed for mounting heights of 8-14 feet.

- Features Include: durable 304 stainless steel construction, recessed installations, and inset mounting brackets that create a "floating" effect when mounted.

- Choose from 3,000-6,000 watt and 208-480 volt capacities.

- Typically installed with our 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 effectively a half-power or full-power option.

SL-SERIES SLIMLINE SINGLE ELEMENT HEATERS

- Sleek, streamlined Slimline single element heaters are ideal for surface mount applications up to 11 feet.
- Features include: modern styling, brushed stainless steel trim with optional dark contrasting housing, narrow profile, and a T-slot for flexible mounting options.
- Choose from 1,600 watt, 2,400 watt, 3,000 watt or 4,000 watt capacities.
- Available in durable anodized aluminum housing finishes (Silver, Bronze, and our all-black Slimline Shadow™) that are capable of withstanding years of outdoor use.

W-SERIES SINGLE ELEMENT HEATERS

- Our classic W-Series fixtures are ideal for most basic installations.
- Features include: durable 304 stainless steel construction, minimal clearance requirements, recessed mounting options, short standoffs and mounting heights between 7-11 feet.
- Choose from 1,500-4,000 watt and 120-480 volt capacities.
- Compatible with our custom controls for larger-scale residential or commercial use.
- Choose from brushed stainless steel, standard and custom color finish options.

WD-SERIES DUAL ELEMENT HEATERS

- High-powered, dual-element WD-Series fixtures provide more concentrated heat for recessed installations, premium outdoor heating applications, large scale coverage needs, and spaces with 8-14 foot mounting heights.
- Typically installed with our custom controls, to vary the electric load for comfortable heat in a wide range of conditions. Fabricated from durable 304 stainless steel for years of exterior use.
- Choose from 3,000-6,000 watt and 208-480 volt capacities.
- May also be installed with Duplex/Stack Switches for effectively a half-power or full-power option.

custom controls.
for a customized climate.

As a pioneer and leader in infrared comfort heat, Infratech offers the widest range of control options in our industry, for performance and style that seamlessly integrates with your property. Whether you're seeking zoning capabilities, convenient operation or style, there's an Infratech control option that's ideal for your project.

Why choose one of Infratech's three custom controls:

- The convenience to adjust heating intensity, optional timer functions, and maximize energy efficiency and ease of operation.

- The ability to create multiple heating zones – with one or more heaters in each zone.

- Relay Panels are custom built to be job specific for your project, with wiring diagrams provided.

- Infratech is a UL 508 Listed Control Manufacturer. All of our custom controls are assigned a UL Listed number and are tested to align with our quality standards before leaving our factory.

- All controls and panels are covered by our Three-Year Warranty – the most extensive in the industry.

Solid State Control Packages

- Adjust heating intensity, to achieve the ideal comfort for your space.

- Enjoy Zone Heating – the capability to control one or more heaters to heat specified target areas within a large-scale space with a single touch.

- Use the Solid State Relay Panel and Zone Analog Controller (with or without optional timer). They are designed to work in conjunction with each other and are project specific.

- All Analog Controllers are also available in white, by special order.

Home Management Systems

- Integrate Infratech's heaters directly into your home management system, so you can get the most automation control out of your living space.

- Control the heat without leaving your seat by using Infratech's Home Management Panel in conjunction with your systems interface.

- Choose from a wide range of programming options available through your home management system, including the ability to save preferred heat settings for off-site control via mobile device.

- Enjoy compatibility with top selling systems like Lutron,™ Crestron,™ Control 4,™ and others.

Universal Control Packages

- Install and control your Infratech heaters using any 120V lighting dimmer of your choice, to coordinate with your home or commercial property's décor – an Infratech exclusive.

- Use the included 120V Universal Slide Dimmer, provided for convenience (timer also included).

- Create multiple heating zones – an ideal feature for larger or commercial properties.

- Remotely control your heating system from a smartphone or tablet via a Wi-Fi/Bluetooth® compatible device that can be purchased from a third party to achieve this function.

adjust *your comfort.*

When you specify an Infratech heating system, you can choose from a broad array of controls. Whether you are seeking the simple functionality of an On/Off Switch or looking for advanced programming capabilities, Infratech controls offer the flexibility and performance to best meet the needs of any residential or commercial property.

Solid State Control Packages

ZONE ANALOG CONTROLLERS

30-4034 3 Zone Analog Controller

30-4046 2 Zone Analog Controller w/ Digital Timer

INTENSITY CONTROL KNOB:
Offers the ability to control the intensity of heat of one or more heaters in a specified target area

DIGITAL TIMER:
Intervals of 15 min, 30 min, 60 min, 2 hours, and 4 hours

ON/OFF SWITCHES:
Capability to turn heaters on and off in each zone

All Controllers are NEMA 12 RATED, and can be exposed to mist, but not direct rain.

Each Intensity Control Knob can control a maximum of three relays in the Relay Panel.

All Relay Panels are NEMA 4 RATED, and completely weather resistant.

Maximum of 9,000 watts @ 240V or 8,000 watts @ 208V per relay.

30-4032 1 Zone Analog Controller

30-4033 2 Zone Analog Controller

30-4035 4 Zone Analog Controller

30-4045 1 Zone Analog Controller w/ Digital Timer

30-4047 3 Zone Analog Controller w/ Digital Timer

30-4048 4 Zone Analog Controller w/ Digital Timer

All Zone Analog Controllers also available in white (special order)

SOLID STATE RELAY PANEL
For use in conjunction with Zone Analog Controllers.

30-4051 1 Relay Panel	**30-4054** 4 Relay Panel
30-4052 2 Relay Panel	**30-4055** 5 Relay Panel
30-4053 3 Relay Panel	**30-4056** 6 Relay Panel

UNIVERSAL CONTROL RELAY PANEL
A complete solution that will work with almost any 120V Lighting Control.

30-4071 1 Relay Universal Panel
30-4072 2 Relay Universal Panel
30-4073 3 Relay Universal Panel
30-4074 4 Relay Universal Panel
30-4075 5 Relay Universal Panel
30-4076 6 Relay Universal Panel

HOME MANAGEMENT RELAY PANEL
For use in conjunction with your home management system.

30-4061 1 Relay Home Management Panel
30-4062 2 Relay Home Management Panel
30-4063 3 Relay Home Management Panel
30-4064 4 Relay Home Management Panel
30-4065 5 Relay Home Management Panel
30-4066 6 Relay Home Management Panel
Note: Requires 0-10V DC Signal

Value Controls

From Simple On/Off Switches to Duplex Stack Switches to INF Input Regulators, Infratech offers an assortment of Value Controls, to help you enjoy efficient ease of use that's compatible with any budget. All assemblies are available in different configurations, including In-Wall or Surface Mount options, with or without weatherproof covers.

SIMPLE ON/OFF SWITCHES
Designed for use with all single element heaters.

- Low cost control option for all single element heaters.
- Each heater must have its own On/Off Switch.
- Range 120/277 VAC (20 amps max per switch).

IN-WALL FOR INDOOR OR PROTECTED OUTDOOR AREAS

14-4400 Single SS Wall Plate w/ Gang Box
14-4405 Dual SS Wall Plate w/ Gang Box

IN-WALL FOR EXPOSED OUTDOOR AREAS

14-4410 Single Flush Mount w/ Weatherproof Cover
14-4415 Dual Flush Mount w/ Weatherproof Cover

SURFACE MOUNT FOR EXPOSED OUTDOOR AREAS

14-4420 Single Surface Mount w/ Weatherproof Box
14-4425 Dual Surface Mount w/ Weatherproof Box

DUPLEX STACK SWITCHES
Designed for use with all dual element heaters.

- Low cost control option for all dual element heaters.
- Ability to turn on and off each element independently, providing effectively half power/full power capabilities.
- Range 120/277 VAC (20 amps max per switch).

IN-WALL FOR INDOOR OR PROTECTED OUTDOOR AREAS

14-4300 Single SS Wall Plate w/ Gang Box
14-4305 Dual SS Wall Plate w/ Gang Box

IN-WALL FOR EXPOSED OUTDOOR AREAS

14-4310 Single Flush Mount w/ Weatherproof Cover
14-4315 Dual Flush Mount w/ Weatherproof Cover

SURFACE MOUNT FOR EXPOSED OUTDOOR AREAS

14-4320 Single Surface Mount w/ Weatherproof Box
14-4325 Dual Surface Mount w/ Weatherproof Box

INF INPUT REGULATORS
Designed only for use with single element heaters.

- Low cost control option for single element heaters up to 3,000 watts (maximum 15 amps).
- Not a dimmer – INF gently cycles the heater on/off at regular intervals when not on full power.
- Each heater must have its own INF Input Regulator.
- Regulator Part Numbers listed below are for 240V (also available for 120V).

IN-WALL FOR INDOOR OR PROTECTED OUTDOOR AREAS

14-4200 Single SS Wall Plate w/ Deep Gang Box
14-4205 Dual SS Wall Plate w/ Deep Gang Box
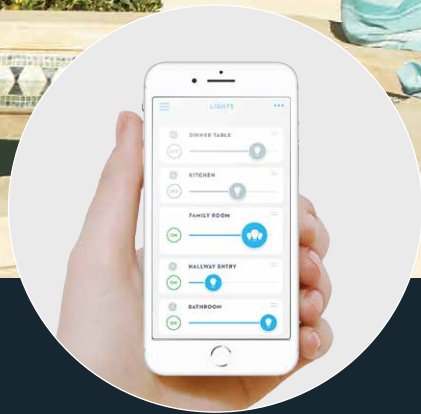
IN-WALL FOR EXPOSED OUTDOOR AREAS

14-4210 Single Flush Mount w/ Weatherproof Cover
14-4215 Dual Flush Mount w/ Weatherproof Cover

SURFACE MOUNT FOR EXPOSED OUTDOOR AREAS

14-4220 Single Surface Mount w/ Weatherproof Box
14-4225 Dual Surface Mount w/ Weatherproof Box

"*Alexa, turn on my heater.*"

a *smarter,* hands-free home.

Our products are built to deliver comfort and convenience – which is why they're compatible with the latest trends in home automation technology. Infratech is the only outdoor comfort heat provider that enables smart home integration – whether your space is wired with a comprehensive home management system, or configured for voice-activated, hands-free automation via mobile device or a smart home assistant.

From smart home to voice activation and everything in between – exclusively with Infratech.

- Infratech's exclusive Universal Control Package can be paired with any CFL- and LED-friendly 120-volt dimmer switches, to enable remote control using a mobile device, or hands-free voice activation via apps compatible with Alexa, Siri or the Google Home Assistant and smart home assistants like the Amazon Echo, Apple HomePod or Google Home Smart Speaker.

- Infratech's Home Management Panel is compatible with top-selling systems like Lutron™, Crestron™, Control 4™, and others. Infratech's simple interface uses a 0-10V DC Signal for streamlined installation and straightforward programming.

- Select from an assortment of decorative switches, wall plates and operator interfaces to control your Infratech heaters through your home management system – or select the switches of your choice, using our Universal Control Panel.

GETTING STARTED IS EASY

- A licensed electrician can guide you to the solution that's best and help you choose the right controls to configure your system.

- Every smart home has its own unique needs.

INFRATECH VISIONARY:

Minarc Design

Founded by native Icelanders Erla Dögg and Tryggvi, this award-winning architecture firm's work is distinguished by an outside-in, inside-out ethos grounded in a deep appreciation of nature.

" We are always taking not just the inside out, but also taking the outside in, to even further blur the lines between inside and out. "

Minarc strives to make the most of a site's size, climate and geography while minimizing waste, and eco-conscious practices are holistically incorporated into every project. Whether the team is reusing materials or exploring efficient ways to utilize space, they seek to help clients enjoy all that they have.

ERLA DÖGG AND TRYGGVI,
Architects and Principals
SANTA MONICA, CA

Minarc's design philosophy inspires the development of fluid spaces that seamlessly merge interiors with exteriors.

To promote year-round comfort, Minarc flush-mounted Infratech WD-Series heaters in a dining space that invites the outdoors in.

designed to achieve *your vision.*

With versatile mounting options that include wall, pole, ceiling or Infratech's best-selling flush mount option, Infratech heating systems provide ultimate comfort while blending seamlessly into the surrounding décor – whether it's an outdoor living room or restaurant patio. Our heaters have minimal clearance requirements, are easy to install and operate, and are UL listed for as low as seven feet.

WALL MOUNT

CEILING MOUNT

POLE MOUNT

seamless. streamlined. stylish.

Flush mount installation from Infratech

Infratech's flush mount installation option has long been a customer favorite among the interior designers, architects and engineers who develop today's most sought-after commercial and residential properties.

HERE'S WHY:

- Flush-mounted Infratech heaters are as stylish as they are versatile, combining the benefits of ambient warmth with a clean, seamless look that vanishes into the décor of a space.

- Heaters can be flush mounted with the edges exposed, or can be partially covered by a drywall, plaster, stucco, or tongue-in-groove wood ceiling treatment.

- Flush mounting is a great choice for rooms with flat ceilings (cannot be mounted on a ceiling that is sloped or pitched), and will not disrupt a space's structural or aesthetic design.

- Remember to always use a licensed contractor for installation.

FLUSH MOUNT
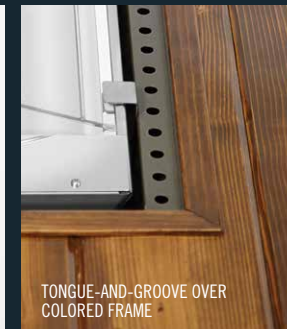
flush mount *basics.*

WHEN TO FLUSH MOUNT

- Choose the 304 stainless steel C-Series/CD-Series or W-Series/WD-Series heaters and the frames in the appropriate sizes for your space.
- Select a heater capacity between 2,000 – 6,000 watts, depending upon whether you're using a single or dual element heater.
- Select an area with a flat ceiling and minimum 2" x 8" studs, where the heater can face straight down when recessed.
- Avoid flush mounting the heater close to a ceiling fan or light fixture.
- To complete a flush mount installation, you will need to hire a licensed electrical contractor.
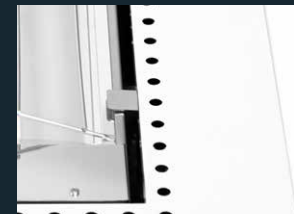
WARNING: Heaters cannot be flush mounted on a sloped/pitched ceiling

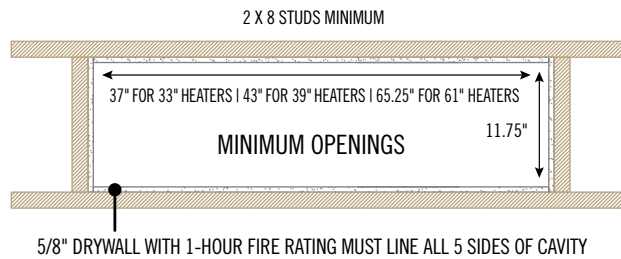STUCCO OVER FRAME

TONGUE-AND-GROOVE OVER COLORED FRAME

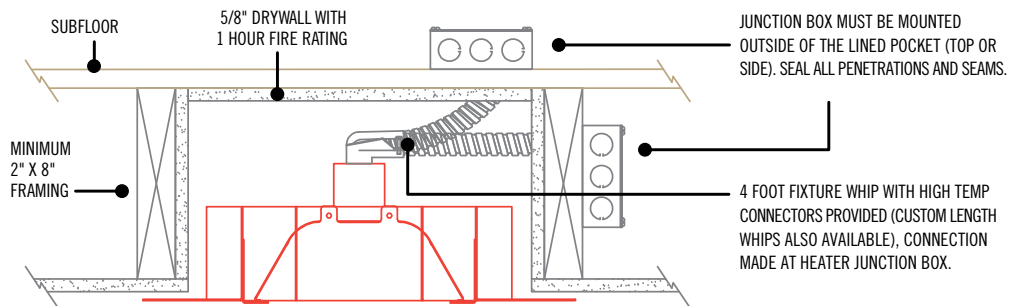MATCHING COLORED FRAME OVER FINISHED CEILING

STEP 1

Frame the pocket that will house the heater with a one hour-rated fire containment box.
Note: Frame and heaters cannot be mounted on a sloped/pitched ceiling.

2 X 8 STUDS MINIMUM

37" FOR 33" HEATERS | 43" FOR 39" HEATERS | 65.25" FOR 61" HEATERS

MINIMUM OPENINGS

11.75"

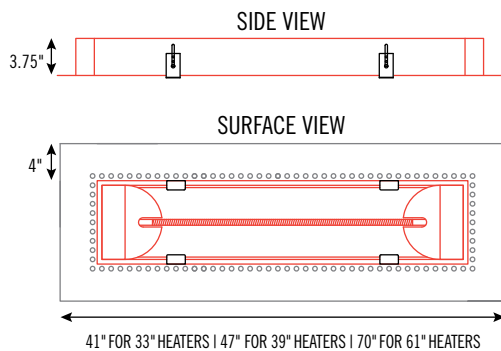5/8" DRYWALL WITH 1-HOUR FIRE RATING MUST LINE ALL 5 SIDES OF CAVITY

STEP 2

The junction box must be mounted outside of the lined pocket. You can choose to mount the junction box in a variety of locations, depending upon where you'll be accessing it.

SUBFLOOR

5/8" DRYWALL WITH 1 HOUR FIRE RATING

JUNCTION BOX MUST BE MOUNTED OUTSIDE OF THE LINED POCKET (TOP OR SIDE). SEAL ALL PENETRATIONS AND SEAMS.

MINIMUM 2" X 8" FRAMING

4 FOOT FIXTURE WHIP WITH HIGH TEMP CONNECTORS PROVIDED (CUSTOM LENGTH WHIPS ALSO AVAILABLE), CONNECTION MADE AT HEATER JUNCTION BOX.

STEP 3

Install the frame into the finished pocket. You may choose to leave all four inches of the trim exposed, or partially cover it with a decorative ceiling (1/2" clearance is required from ventilation holes).

SIDE VIEW

3.75"

SURFACE VIEW

4"

41" FOR 33" HEATERS | 47" FOR 39" HEATERS | 70" FOR 61" HEATERS

STEP 4

Install the heater (heater must face horizontal to the floor) and adjust the tabs to set the heater flush with finished ceiling.
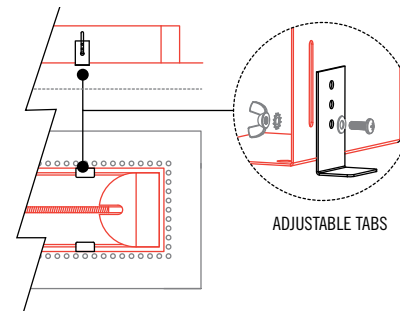
ADJUSTABLE TABS

WARNING: Frame and heaters cannot be flush mounted on a sloped/pitched ceiling. Flush mount applications must always be installed with heaters horizontal to the floor on a flat, non-sloped ceiling.

colors and finishes
for residential and commercial style.

Choose from Infratech's range of standard and custom color and finish options, for a look that seamlessly aligns with the décor of a luxury residence, hotel, restaurant or resort.

Color and finish options

- Infratech heaters are available in a brushed stainless steel finish, along with a variety of standard color options that include the samples shown.

- You may also choose your own custom color finish (by special order) that complements your wall or ceiling treatments.

- All Infratech colors are powder coated over 304 stainless steel and baked to achieve a long lasting, fade and corrosion resistant finish.

- Flush mount installations require powder coating the frame, rather than the heater itself, to achieve the desired look.

VIRTUALLY ANY CUSTOM COLOR AVAILABLE

C-SERIES | CD-SERIES | W-SERIES | WD-SERIES

WHITE

BISCUIT

ALMOND

BEIGE
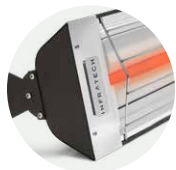
BLACK

BRONZE

GREY

COPPER

SL-SERIES

SILVER

BRONZE

ALL BLACK SLIMLINE SHADOW™

FLUSH MOUNT FRAMES

WHITE

BISCUIT

ALMOND

BEIGE

BLACK

BRONZE

GREY

COPPER

INFRATECH VISIONARY:

Park Slope Design

This award-winning firm is led by HGTV-featured landscape designer and exhibiting painter Joan Grabel, who brings her background and sensibility as a fine artist to each project she undertakes.

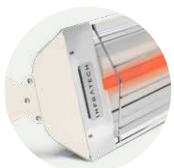## Infratech is a high end, beautiful product. It's streamlined."

Grabel approaches the landscape with a love of color and form, uniting aesthetic appeal and function with an eco-conscious foundation. She strives to design beautiful, livable and durable outdoor spaces that complement her clients' lifestyles and exist in harmony with nature.

JOAN GRABEL, *Designer and Principal*
SANTA MONICA, CA AND SANTA FE, NM

welcome guests in *comfort and style.*

When you own and operate the most exclusive restaurants, nightclubs, hotels and resorts, Infratech heating systems can bring much more than comfort. They can also boost your bottom line – by increasing seating opportunities and table turns for diners and guests on patios, terraces, verandas and decks. Our team collaborates with leading architects, designers and engineers during initial planning stages, to provide comprehensive, low-profile heating systems that add custom-controlled, energy-efficient, ambient warmth without detracting from your property's aesthetic impact.

Why Infratech is the perfect addition to your commercial space

RADIANT, TARGETED WARMTH

- Infratech infrared heaters do not waste heat in a 360º circle, like many gas heating options.
- Infratech infrared heaters transfer heat directly to objects; warmth will not "blow away" in windy conditions.
- Infratech electric infrared heaters are ideal for outdoor spaces like rooftop decks, alfresco dining rooms or valet waiting areas.

AN ARRAY OF MOUNTING OPTIONS

- Our heaters are readily found beneath canvas awnings, nestled under beams, flush-mounted into a ceiling treatment or pole-mounted on a poolside deck.
- Select flush mount, ceiling mount, wall mount or pole mount options.
- Our heaters have minimal clearance requirements and are UL Listed for as low as seven feet.
- We offer a range of sizes, wattages and voltages, to meet the needs of your space.
- You may also choose from a wide selection of standard and optional custom color finishes, to complement or match wall or ceiling treatments.

THE CONVENIENCE TO CUSTOMIZE YOUR CLIMATE

- Infratech heaters can be grouped and regulated in different zones, for the ability to adjust comfort while minimizing energy consumption.
- We offer an array of control packages that can accommodate commercial spaces of all sizes.
- Our technical customer service team can provide assistance to determine correct heater, control, color and mounting options.

LASTING ENERGY EFFICIENCY AND VALUE

- Infratech electric heaters require no refillable tanks and are virtually maintenance free.
- Over 90% energy efficient operation provides energy savings over time.
- Infratech heaters are fabricated from durable 304 stainless steel.
- Infratech quartz elements are rated for 5,000 running hours of continuous use.
- Infratech's Three-Year Warranty is the most extensive in the industry.

HOW INFRATECH CAN HELP ADD REVENUE TO A COMMERCIAL PROPERTY

Offer guests more seating and get more nights of use from an outdoor patio or terrace space
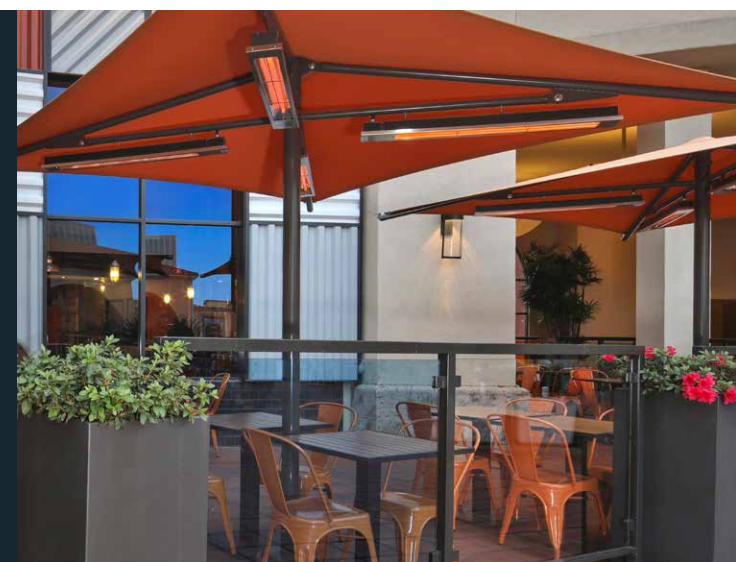
EXAMPLE:
20 patio tables (4 people per table) X an additional 60 days/nights a year outside = 4,800 customers a year
75% occupancy = 3,600 customers per year / average $25 spending per person adds $90,000 in revenue per year

Accommodates outside smokers and waiting areas

Adds warmth for patrons in outdoor valet service areas

choosing your *Infratech system.*

STEP 1
Measure the dimensions and mounting heights of the area you want to heat.

STEP 2
Select the heater(s) that will work both functionally and aesthetically for your space. Consider heater size, quantity, color and mounting options.

STEP 3
Choose the control option that works best for your space, needs and budget.

C-15 | SL-16 W-15
HEAT COVERAGE AREA: 5' x 5'
MOUNTING HEIGHT: 6' to 8'

C-20 | W-20
HEAT COVERAGE AREA: 6' x 6'
MOUNTING HEIGHT: 7' to 9'

C-25 | CD-30 SL-24 | W-25 | WD-30
HEAT COVERAGE AREA: 7' x 7'
MOUNTING HEIGHT: 7' to 9'
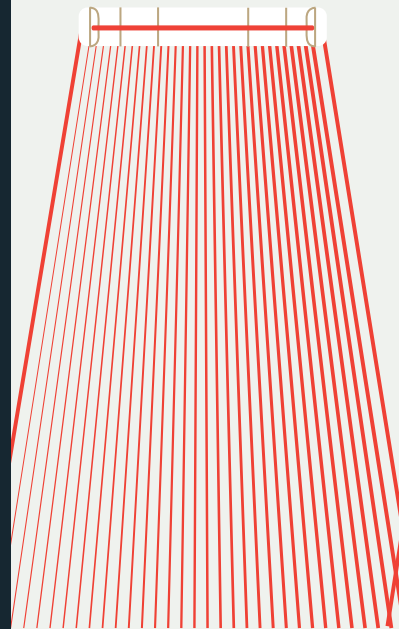
C-15 LENGTH: 33" | 1500 WATTS
SL-16 LENGTH: 29.5" | 1600 WATTS
W-15 LENGTH: 33" | 1500 WATTS
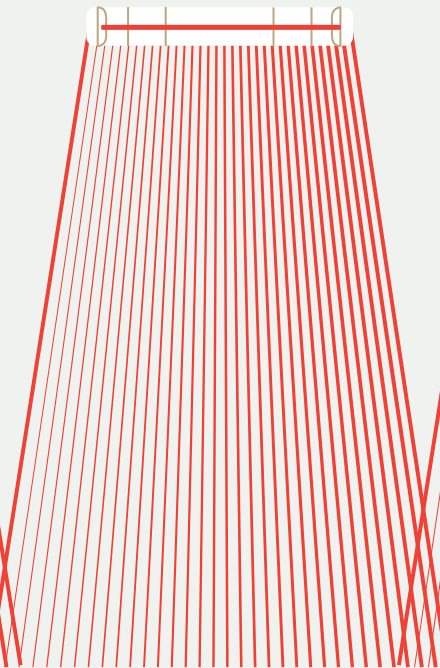
C-20 LENGTH: 39" | 2000 WATTS
W-20 LENGTH: 39" | 2000 WATTS
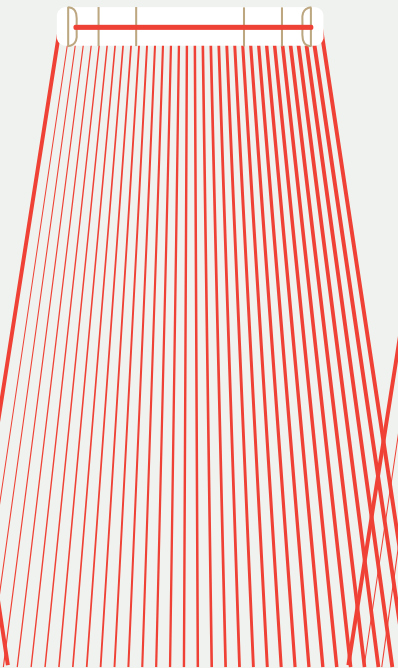
C-25 LENGTH: 39" | 2500 WATTS
CD-30 LENGTH: 33" | 3000 WATTS
SL-24 LENGTH: 42.5" | 2400 WATTS
W-25 LENGTH: 39" | 2500 WATTS
WD-30 LENGTH: 33" | 3000 WATTS

C=C-SERIES SINGLE ELEMENT HEATERS (WIDTH: 8.19")
CD=CD-SERIES DUAL ELEMENT HEATERS (WIDTH: 8.19")

SL=SLIMLINE SINGLE ELEMENT HEATERS (WIDTH: 4.75")

CD-60 | WD-60
HEAT COVERAGE AREA: 11' x 11'
MOUNTING HEIGHT: 10' to 14'

CD-40 | WD-40
HEAT COVERAGE AREA: 8' x 10'
MOUNTING HEIGHT: 8' to 12'

CD-50 | WD-50
HEAT COVERAGE AREA: 9' x 10'
MOUNTING HEIGHT: 8' to 12'

C-40 | SL-40 | W-40
HEAT COVERAGE AREA: 10' x 10'
MOUNTING HEIGHT: 8' to 11'

C-30 | SL-30 | W-30
HEAT COVERAGE AREA: 8' x 8'
MOUNTING HEIGHT: 7' to 9'
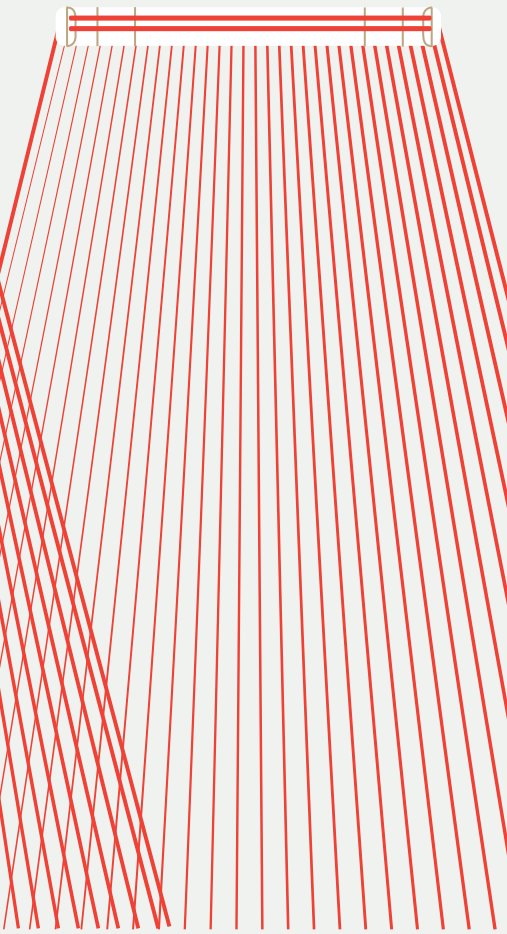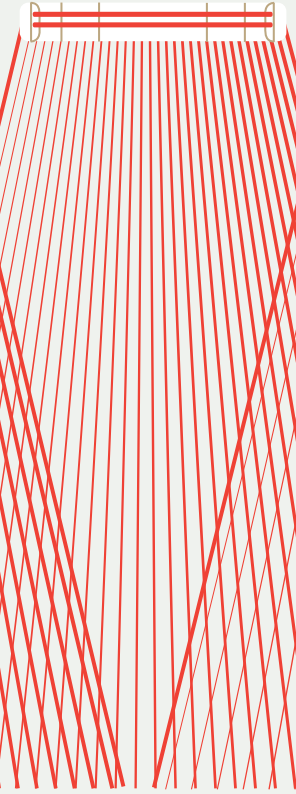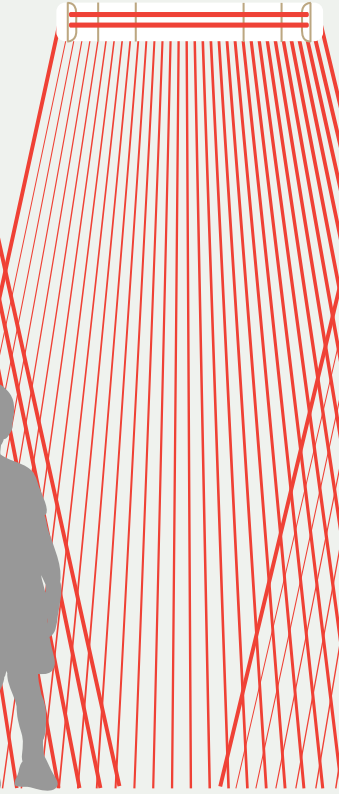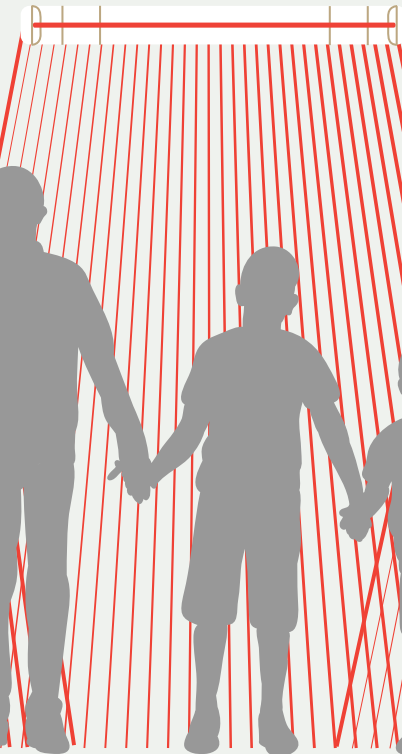
C-30 LENGTH: 61.25" | 3000 WATTS
SL-30 LENGTH: 63.5" | 3000 WATTS
W-30 LENGTH: 61.25" | 3000 WATTS

C-40 LENGTH: 61.25" | 4000 WATTS
SL-40 LENGTH: 63.5" | 4000 WATTS
W-40 LENGTH: 61.25" | 4000 WATTS

CD-40 LENGTH: 39" | 4000 WATTS
WD-40 LENGTH: 39" | 4000 WATTS

CD-50 LENGTH: 39" | 5000 WATTS
WD-50 LENGTH: 39" | 5000 WATTS

CD-60 LENGTH: 61.25" | 6000 WATTS
WD-60 LENGTH: 61.25" | 6000 WATTS

W=W-SERIES SINGLE ELEMENT HEATERS (WIDTH: 8.19")
WD=WD-SERIES DUAL ELEMENT HEATERS (WIDTH: 8.19")

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

Parts List and Specifications

C-SERIES   **CD-SERIES**   **SL-SERIES**   **W-SERIES**   **WD-SERIES**

								CONTROL OPTIONS				MOUNTING OPTIONS				
PART NUMBER	MODEL	LENGTH	BTUS	WATTS	VOLTS	AMPS	SHIPPING WEIGHT	ON/OFF SWITCH	DUPLEX/STACK SWITCH (HALF POWER/FULL POWER)	INPUT REGULATOR	CUSTOM CONTROLS	W-33 FLUSH MOUNT FRAME	W-39 FLUSH MOUNT FRAME	W-61 FLUSH MOUNT FRAME	W-39 POLE MOUNT	W-61 POLE MOUNT
C-SERIES (304 STAINLESS STEEL)																
21-3000	C-1512 SS	33”	5,118	1,500	120	12.5	12	•	•			•				
21-3015	C-2024 SS	39”	6,824	2,000	240	8.3	13	•	•	•			•		•	
21-3100	C-2524 SS	39”	8,530	2,500	240	10.4	13	•	•	•			•		•	
21-3200	C-3024 SS	61-1/4”	10,236	3,000	240	12.5	20	•	•	•				•		•
21-3300	C-4024 SS	61-1/4”	13,648	4,000	240	16.7	20	•		•				•		•
CD-SERIES (304 STAINLESS STEEL)																
21-4000	CD-3024 SS	33”	10,240	3,000	240	12.5	13		•		•	•				
21-4100	CD-4024 SS	39”	13,648	4,000	240	16.7	14		•		•		•		•	
21-4200	CD-5024 SS	39”	17,060	5,000	240	20.8	14		•		•		•		•	
21-4300	CD-6024 SS	61-1/4”	20,472	6,000	240	25.0	21		•		•			•		•
SL-SERIES (304 STAINLESS STEEL WITH ANODIZED ALUMINUM HOUSING*)																
21-4990	SL-1612	29.5”	5,461	1,600	120	13.3	10	•	•							
21-4995	SL-1624	29.5”	5,461	1,600	240	6.7	13	•	•	•						
21-5000	SL-2424	42.5”	8,192	2,400	240	10	13	•	•	•						
21-5040	SL-3024	63.5”	10,240	3,000	240	12.5	17	•	•	•						
21-5080	SL-4024	63.5”	13,653	4,000	240	16.7	17	•		•						

*Add "BR" to part number for bronze finish housing and "BL" for all black Slimline Shadow™ heater and trim (see page 21).

								ON/OFF SWITCH	DUPLEX/STACK SWITCH	INPUT REGULATOR	CUSTOM CONTROLS	W-33 FLUSH	W-39 FLUSH	W-61 FLUSH	W-39 POLE	W-61 POLE
W-SERIES (304 STAINLESS STEEL)																
21-1040	W-1512 SS	33"	5,118	1,500	120	12.5	12	•	•		•	•				
21-1055	W-2024 SS	39"	6,824	2,000	240	8.3	13	•	•	•			•		•	
21-1080	W-2524 SS	39"	8,530	2,500	240	10.4	13	•	•	•			•		•	
21-1100	W-3024 SS	61-1/4"	10,236	3,000	240	12.5	20	•	•	•				•		•
21-1125	W-4024 SS	61-1/4"	13,648	4,000	240	16.7	20	•		•				•		•
WD-SERIES (304 STAINLESS STEEL)																
21-2000	WD-3024 SS	33"	10,240	3,000	240	12.5	13		•		•	•				
21-2100	WD-4024 SS	39"	13,648	4,000	240	16.7	14		•		•		•		•	
21-2200	WD-5024 SS	39"	17,060	5,000	240	20.8	14		•		•		•		•	
21-2300	WD-6024 SS	61-1/4"	20,472	6,000	240	25.0	21		•		•			•		•

Note: All heaters are also available in 208V, 277V, and qualifying 480V properties.

CUSTOM CONTROL OPTIONS

SOLID STATE RELAY PANELS

PART NUMBER	MODEL
30-4051	1 Relay Control Panel
30-4052	2 Relay Control Panel
30-4053	3 Relay Control Panel
30-4054	4 Relay Control Panel
30-4055	5 Relay Control Panel
30-4056	6 Relay Control Panel

ANALOG CONTROLLERS

PART NUMBER	MODEL
30-4032	1 Zone Analog Controller
30-4033	2 Zone Analog Controller
30-4034	3 Zone Analog Controller
30-4035	4 Zone Analog Controller
30-4045	1 Zone Analog Controller w/ Digital Timer
30-4046	2 Zone Analog Controller w/ Digital Timer
30-4047	3 Zone Analog Controller w/ Digital Timer
30-4048	4 Zone Analog Controller w/ Digital Timer

HOME MANAGEMENT RELAY PANELS

PART NUMBER	MODEL
30-4061	1 Relay Home Management Panel
30-4062	2 Relay Home Management Panel
30-4063	3 Relay Home Management Panel
30-4064	4 Relay Home Management Panel
30-4065	5 Relay Home Management Panel
30-4066	6 Relay Home Management Panel

UNIVERSAL RELAY PANELS

PART NUMBER	MODEL
30-4071	1 Relay Universal Panel
30-4072	2 Relay Universal Panel
30-4073	3 Relay Universal Panel
30-4074	4 Relay Universal Panel
30-4075	5 Relay Universal Panel
30-4076	6 Relay Universal Panel

VALUE CONTROLS

SIMPLE ON/OFF SWITCHES

PART NUMBER	MODEL
14-4400	Single SS Wall Plate w/ Gang Box
14-4405	Dual SS Wall Plate w/ Gang Box
14-4410	Single Flush Mount w/ Weatherproof Cover
14-4415	Dual Flush Mount w/ Weatherproof Cover
14-4420	Single Surface Mount w/ Weatherproof Box
14-4425	Dual Surface Mount w/ Weatherproof Box

Range 120/277 VAC (20 Amps max per switch)

DUPLEX STACK SWITCHES

PART NUMBER	MODEL
14-4300	Single SS Wall Plate w/ Gang Box
14-4305	Dual SS Wall Plate w/ Gang Box
14-4310	Single Flush Mount w/ Weatherproof Cover
14-4315	Dual Flush Mount w/ Weatherproof Cover
14-4320	Single Surface Mount w/ Weatherproof Box
14-4325	Dual Surface Mount w/ Weatherproof Box

Range 120/277 VAC (20 Amps max per switch)

INF INPUT REGULATORS**

PART NUMBER	MODEL
14-4200	Single SS Wall Plate w/ Gang Box
14-4205	Dual SS Wall Plate w/ Gang Box
14-4210	Single Flush Mount w/ Weatherproof Cover
14-4215	Dual Flush Mount w/ Weatherproof Cover
14-4220	Single Surface Mount w/ Weatherproof Box
14-4225	Dual Surface Mount w/ Weatherproof Box

**Maximum 15 Amps. Also available in 120V.

MOUNTING OPTIONS (FOR C, CD, W, WD-SERIES HEATERS)

FLUSH MOUNT FRAMES

PART NUMBER	MODEL	FITS
18-2295	W-33 Flush Mount Frame	33" Heaters
18-2300	W-39 Flush Mount Frame	39" Heaters
18-2305	W-61 Flush Mount Frame	61-1/4" Heaters

POLE MOUNTS

PART NUMBER	MODEL	FITS
22-1250	W-39 Pole Mount	39" Heaters
22-1255	W-61 Pole Mount	61-1/4" Heaters

SATISFACTION GUARANTEED

INFRATECH

3-YEAR

WARRANTY

American craftsmanship meets the best Three-Year Warranty in the industry.

As a pioneer and leader in our field for more than 50 years, we understand the importance of quality. This is why every Infratech product is backed by decades of industry-leading American craftsmanship, and supported with excellent customer service and the most extensive warranty in our industry – the Infratech Three-Year Warranty. All Infratech products are proudly made in the USA.

Need assistance? We can walk you through the process of selecting the Infratech heating system that's right for you. To learn more, or find a distributor near you, please contact us.