

**ACCELERATE YOUR CURING TIME**



**INFRATECH**  
AUTOMOTIVE

# WHY CHOOSE INFRARED ENERGY?

Discover a cost-effective way to 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 added flexibility, value and rapid payback even when used in the most demanding production applications.

NOW THERE'S A FASTER,  
MORE EFFICIENT WAY TO GO  
FROM **ZERO TO DRY.**



#### **EXCEPTIONAL SPEED**

Infrared heat offers exceptionally fast dry times that are often one-quarter to one-tenth the time needed when air-drying finishes. Infrared energy also requires little to no air-flow, thereby minimizing deposits of contaminants in a finish. The higher curing temperatures created by infrared energy generally yield a higher gloss with less orange peel and better adhesion.

#### **PRECISION CONTROL**

Electric infrared technology is practical and precise. It works by transferring heat directly to your product, without heating the surrounding air. This offers several benefits, including faster heat transfer and greater control for spot heating.

#### **HIGH EFFICIENCY**

Infrared heat can be significantly more cost-effective than convection heat, largely because it reduces cycle times, can focus energy on the areas to be cured, and does not require an expensive, insulated enclosure to trap and re-circulate heat.

#### **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.

**STAY ON TARGET, ON TIME AND  
ON BUDGET WITH INFRATECH AUTOMOTIVE  
AND INDUSTRIAL CURING PRODUCTS.**



**Infratech heating systems are ideal for a wide range of automotive and industrial applications, including:**

- 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.
- Wood working, primers, sealers, fillers, toners, stains, top coats, lacquers, waterborne and solvent-based materials, two component materials and special effects materials used over a variety of hard woods, soft woods, plywoods and engineered wood (MDF-style) substrates.
- Other applications include powder coating, forming plastic components, drying decorative finishes on pottery, glass, composites, wood, metal and plastic.
- Drying common water- and solvent-based adhesives for laminating materials.
- Virtually any low-temperature heat application between 100° F – 500° F can be accelerated with Infratech electric infrared products.
- Infratech heaters are also commonly used and very effective with water damage treatments and restoration.



**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.



### 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
- New, 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
- Underwriters Laboratories (UL) Listed

#### SPECIFICATIONS

120 volts / 12.5 amps / 36" head / 24 lbs.  
Also available in 240 volts



### 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
- New, 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
- Underwriters Laboratories (UL) Listed

#### SPECIFICATIONS

120 volts / 25 amps / 36" heads / 35 lbs.  
Also available in 240 volts



### 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
- 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
- Underwriters Laboratories (UL) Listed

#### SPECIFICATIONS

120 volts / 17 amps / 36" head / 26 lbs.  
Also available in 240 volts



**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 electronic timer
- Independently controlled curing heads from 0-100% offer maximum efficiency (3,000 watts each)
- Product is designed with narrow frame profile to fit into spray booths
- Adjustable shock arm provides easy reach for curing hoods and roof lines
- Product is equipped with 50' power cord
- Also available in three phase and 208 voltage units
- Underwriters Laboratories (UL) Listed

**SPECIFICATIONS**

240 volts / 38 amps / 61" heads / 240 lbs.



**MODEL S-2002**

**Part No. 16-1020 (shown)**

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



**MODEL S-2005**

**Part No. 16-1030 (shown)**

- Product offers largest coverage available from any portable medium wave unit
- 17,000 watts of curing power accommodate multiple panel repairs

**MODEL S-2005-IR**

**Part No. 16-1040**

- Product includes same quality features as S-2005 with additional infrared sensor

**SPECIFICATIONS**

240 volts / 38 amps / 61" heads / 285 lbs.



PROGRAMMABLE DIGITAL CONTROLS

**MODEL S-2002-IR**

**Part No. 16-1035**

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

**SPECIFICATIONS**

240 volts / 17 amps / 39" heads / 180 lbs.

**FASTER CURING TIMES.**  
**EFFICIENT, RELIABLE OPERATION,**  
**IN A RANGE OF COVERAGE SIZES**  
**TO ACCOMMODATE YOUR NEEDS.**

**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.



### 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

#### SPECIFICATIONS

120 volts / 13.8 amps / 35" head / 25 lbs.  
Also available in 240 volts



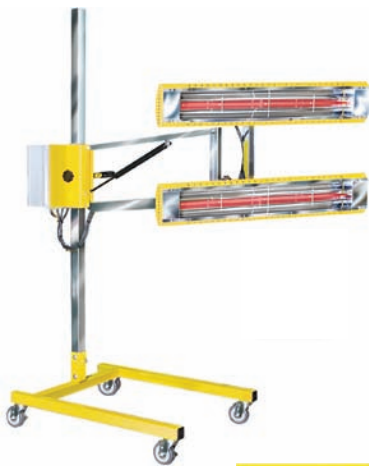
### MODEL SR-SPOT NEW

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

#### SPECIFICATIONS

120 volts / 8.3 amps / 18" head / 20 lbs.



### MODEL SR-4000

Part No. 17-1240 (shown)

- 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
- Underwriters Laboratories (UL) Listed



PROGRAMMABLE  
DIGITAL CONTROLS



### 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
- Underwriters Laboratories (UL) Listed



SOLID STATE  
PROGRAMMABLE  
DIGITAL CONTROLS

### 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

240 volts / 25 amps / 35" heads / 190 lbs.

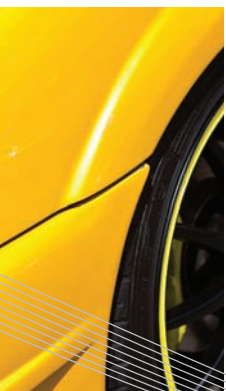
### MODEL SR-4000-IR

Part No. 17-1245

- 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

240 volts / 17 amps / 35" heads / 170 lbs.



**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.



### 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

#### SPECIFICATIONS

120 volts / 1 amp / 24" width / 25 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

#### SPECIFICATIONS

120 volts / 15 amps / 36" width / 38 lbs.

**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.



### 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

240 volts / 25 amps / 36" width / 50 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

240 volts / 50 amps / 36" width / 165 lbs.



### 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

120 volts / 15 amps / 12" width / 9 lbs.

**ACCESSORIES** In addition to our automotive and industrial curing systems, Infratech offers a range of accessories to add versatility and efficiency to your operations.



**COMFORT GARAGE HEATER** NEW

**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



**MODEL CM5300 COLOR MATCHER**

**Part No. 14-5300**

- Sunlight on demand under any condition
  - Identify pre-or-post paint defects
  - Avoid costly color mismatch
  - High color temperature 5300K duplicates natural sunlight
  - High powered product operates at 70 watts
  - Large coverage area
  - Momentary on/off switch
  - Lightweight, hand-held design
  - Economical operation for added cost savings
- Also available in 240 volts*



**TUB LIGHT MODEL  
TLS-1750-C**

**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)
- Underwriters Laboratories (UL) Listed

**SPECIFICATIONS**

120 volts / 15 amps / 18" diameter / 27 lbs.

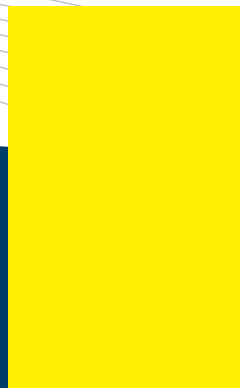
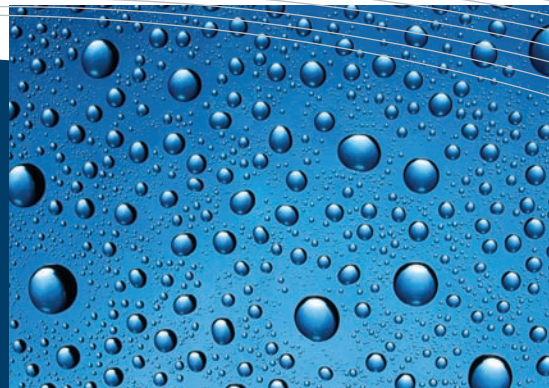


SHOWN WITH MODEL  
CM5300 COLOR MATCHER

**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



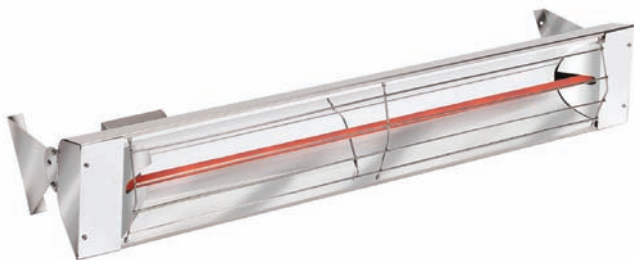
ENJOY UP TO **50% FASTER DRYING TIMES** ON WATERBORNE OR SOLVENT COATINGS  
WITH AN INFRATECH WATERBORNE DRYING SYSTEM.

# INFRATECH INDUSTRIAL. **SPEED, PRECISION AND VERSATILITY** FOR VIRTUALLY ANY DRYING OR CURING APPLICATION.

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, we can provide the curing solutions for virtually any coating or composite in use today. 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.

**We provide infrared heating components for these industrial applications and more:**

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



## **W-SERIES MEDIUM WAVE INFRARED FIXTURES**

Infratech medium wave quartz heat fixtures promote fast drying and create excellent adhesion for the highest quality finish. They are ideal for use with a wide range of liquid coatings and adhesive drying applications.

W-Series medium wave fixtures are an optimal choice for drying and curing applications that include laminating, wood finishing, spot curing and automotive finishing. They are also ideal for pre-heating and dry off, as well as for use with low VOC solvent-borne and waterborne adhesives.



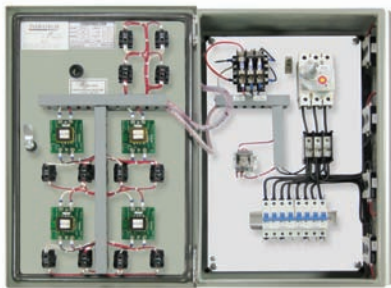
## **MEDIUM WAVE INFRARED HEATERS & FRAMES**

Infratech medium wave infrared heaters provide excellent curing for virtually any air-dry coating, including primers, sealers, base coats, stains, varnishes, clear coats, adhesives and top coats. These fixtures offer years of compact, energy efficient and reliable performance, with no moving parts, and long-lasting tubular quartz infrared heating elements. Infratech heating fixtures are easy to install and are designed with a variety of mounting options, including flush mount frames and surface mount brackets. All Infratech units are UL Listed, and come with a wide variety of UL Listed control options.



## INFRATUBE™ MEDIUM WAVE INFRARED HEAT PANELS

Infratech also offers medium wave infrared heat panels. These versatile, high-intensity units can be used in open frames, integrated into existing oven enclosures, or used as exterior oven walls. Panels are designed to provide a 450° maximum operating temperature that creates faster heat transfer, shorter cycle times, superior finish quality and adhesion. They are an ideal choice for virtually any air-dry or heat cured coating, including primers, alkyds, enamels, stains, adhesives, top coats and powder coats. Fixtures feature curved reflectors, which offer added efficiency by providing the uniform distribution of heat over a large area. With no moving parts and long-lasting tubular quartz heating elements, these fixtures offer years of reliable performance. Each panel is manufactured to customer specifications, with a wide variety of wattages, voltages and single or three-phase options, as well as UL Listed industrial controls that create precise heat output regulation and process control.



## INDUSTRIAL CONTROLS

Increase efficiency, reduce cycle times, streamline operations and enjoy superior quality control with Infratech custom industrial controls. Our controls are engineered to meet a wide range of curing and processing needs, from simple contactor panels to the largest SCR controls. We have the capability to design and produce UL 508 Listed options that typically include disconnects, SCRs for heat output control, AC variable speed drives, motor starters for exhaust and air make-up blowers, digital readouts, breakers and fuses for appropriate circuit protection.

## POWER CURE™ SPRAY BOOTH RETROFIT SYSTEMS

Infratech spray booth retrofit systems allow you to cure high-tech automotive and industrial coatings with superior speed, quality, safety, efficiency and control. Our systems are designed to operate in independent zones. This multiple zone configuration offers added flexibility, and enables you to achieve greater energy cost savings by heating only the area that requires curing.

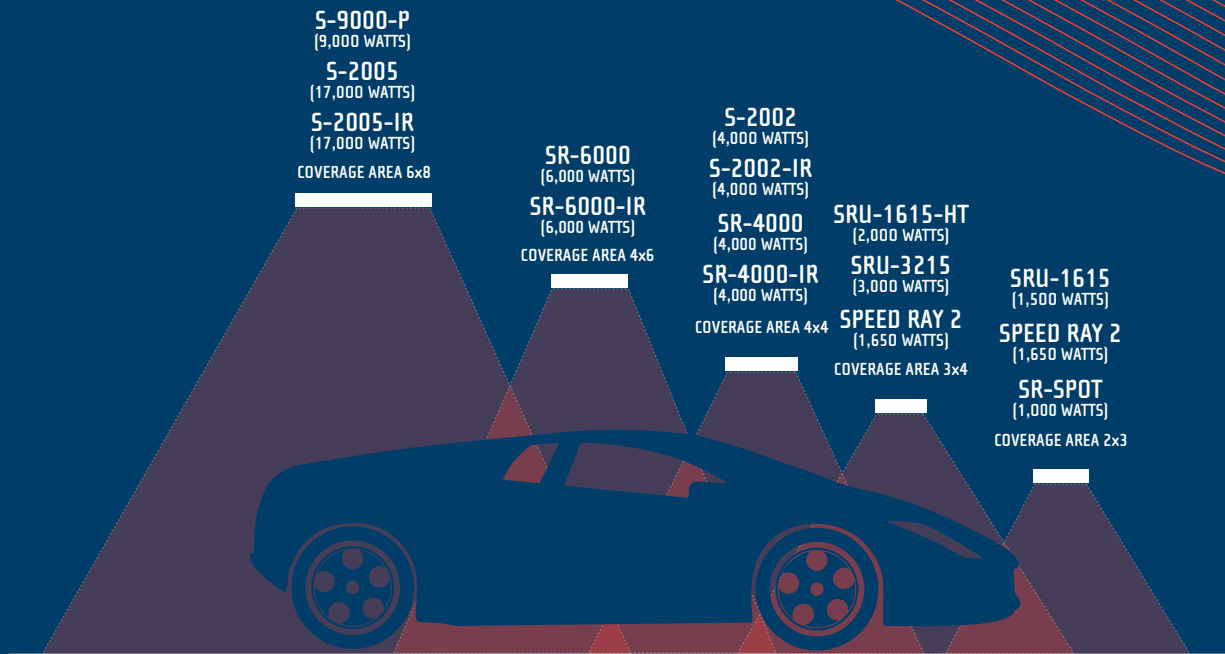
Infratech's US-patented, electric infrared spray and curing technology can help you achieve faster drying times for operations that incorporate spray enclosures. Our systems utilize high-intensity medium wave quartz emitters which can cure a complete repaint in 20-30 minutes. These quartz emitters are custom manufactured by Infratech to produce a wavelength (2.35 microns) that is most effective for curing the oxygen/carbon-based (organic) compounds that make up all liquid automotive coatings. They offer a long life expectancy of 5,000 hours. In addition, they utilize narrow energy waves that pass through the air with minimum molecular contact, creating an environment in which the air is always cooler than the liquid coating and substrate. This high-intensity, medium wave heat yields the fastest possible drying time without compromising the quality of the cure. With an Infratech system, you can expect improved gloss, reduced orange peel, superior adhesion and a considerable reduction in energy costs – without the danger of damaging heat-sensitive parts of the car.

Infratech retrofit kits are designed for use in hazardous locations. We offer UL Listed kits with mounting frames and custom control systems that double interlock all safety functions.

### 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

## COVERAGE AREA



## 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 (#17-1105)
SR-4000, SR-4000-IR	E-SR-2000 (#17-1210)
SR-6000, SR-6000-IR	E-SR-2000 (#17-1210)
SR-SPOT	SRII-C100E (#17-1090)
SR-IV, SR-VI	SRII-C100E (#17-1090)

**MODEL** **ORDER ELEMENT PART NO.**

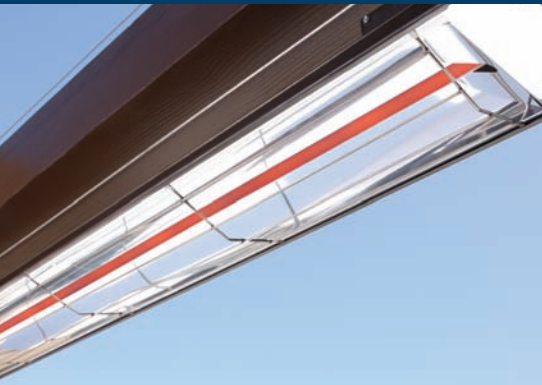
### W-SERIES HEATERS

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-2024 (#10-6000)
HH-1800	E-1812 (#10-1008)

To find replacement elements for your Infratech curing system, please contact us via phone or visit [www.infratech-usa.com/automotive](http://www.infratech-usa.com/automotive).



## COMFORT HEATERS

Now you can 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 fine homes, restaurants, hotels and more. Our Comfort heating systems are available in a variety of models and sizes, to provide maximum efficiency, versatility, convenience and style. For more information or to order our Comfort catalog, please visit [www.infratech-usa.com/comfort/](http://www.infratech-usa.com/comfort/)

**INFRATECH**  
AUTOMOTIVE

344 West 157th Street Gardena, CA 90248

TEL 800-421-9455 or 310-354-1250 FAX 310-523-3674

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