



REF	PART	DESCRIPTION	REF	PART	DESCRIPTION	REF	PART	DESCRIPTION
1	13-1110	Stand Upright	6	14-2550	SRS-7 Set of Casters	1	13-1800	HH Toggle Switch
2	13-1120	Stand Upright (Crimped)		13-1140	Stand Hardware Set	2	13-1805	HH-1800 Grill
3	13-1102	Stand Base Crossbar	7		Upright Fasteners 5/16-18 x 11/2"	3	10-1008	HH-1800 Element 10-1/4" 600W
4	13-1100	Stand Leg (left)	8		Screw #8 Hex Head Slotted		13-1810	HH-1800 Element Support
4	13-1101	Stand Leg (right)	9	14-2555	Cross Arm Assembly		13-1815	HH-1800 Hardware Kit
5		Stand Frame Bolt 3/8-16 x 3/4"	10	13-1090	1/4-20 x 9/16" Male Knob	4	13-1820	HH-1800 J-Box w/ Power Cord
6	13-1130	Caster (ea.)	11,12	13-1095	Tab Washer w/ Knob	5	13-1825	HH-1800 Reflector

ASSEMBLING YOUR NEW SYSTEM

Unpack Your System: Carefully unpack your new system, making sure all parts for assembly are included. If any parts are missing, call customer service for replacement.

Assemble Stand: Install casters and end caps first, then slide together legs and cross bar. Bolt H-frame parts together with supplied bolts. Assemble upright by sliding crimped and uncrimped sections together and inserting lock screw. With the stand sitting upright on its casters, insert upright and secure with supplied fasteners.

Install Element: Lay heater housing face up on a stable work surface. Remove end reflectors. Remove grill guard by grasping center cross wire on guard, and with other hand, place thumb close to the grill's mounting hole. Gently press reflector away with your thumb while removing guard center wire from hole. Remove center wire from bottom. Remove guard by sliding left then right. Carefully unpack element (note: it's made with quartz glass and can easily be broken). Remove one nut from the ends of element; slip ring terminals over studs and replace nuts.

NOTE: Hold element ceramic firmly while tightening nuts (use two wrenches). Nuts should be snugly tightened; loose ring connections may damage the element. Place element in U-channel and reinstall clips. Reassemble heater.

Final Assembly: Attach cross arm to heater housing with supplied tab washer and knob. Install vertical slide locking knob to cross arm and slide assembly onto upright post on stand; secure at desired position with locking knob.

First Use: Your Infratech curing system is ready for use. Only plug into a grounded power source. Position the system 18" or more away from the area to be cured.

WARNINGS:

- NEVER** block front of heater
- DO NOT** operate within 25' of flammable materials
- DO NOT** use within 10' when spraying operations are in progress
- NEVER** service heater without disconnecting from power
- Source of possible shock**
- Use only with grounded power source**

OPERATING TIPS

Operating the Infrared Light: The infrared light is designed to be utilized at a distance of 3-6" from the object and parallel to the piece to be cured. The light should be periodically positioned and moved around the object as instructed in the curing section. Always use an appropriate outlet. Plug the light into a 15 amp, 110 volt circuit and turn on switch. Allow 3-5 minutes for the light to come up to temperature. If you find an area or object demands the light to be further and 6", adjust the time to meet the temperature.

Selecting Temperature and Cure Time: The key to successful curing is close monitoring of the temperature. The included infrared thermometer will give you this precision temperature reading while the adjustable stand will give you the freedom to move the light around the object for total curing. If you powder coat with translucent and specialty powders, you must maintain a minimum of 365° F for 25 minutes. For solid and clear colors a minimum of 320° F for 15 minutes must be held. Curing at higher temperatures on the charts is acceptable as long as the temperature is held for the specified time.

SPECIFICATIONS

PART NUMBER	MODEL	LENGTH	WATTS	VOLTS	AMPS	SHIPPING WEIGHT (LBS)
16-1200	HH-1800	12"	1,800	120	15	9

Need help? To order replacement elements for your Infratech heating system, please contact us via phone or visit the automotive section of our website.