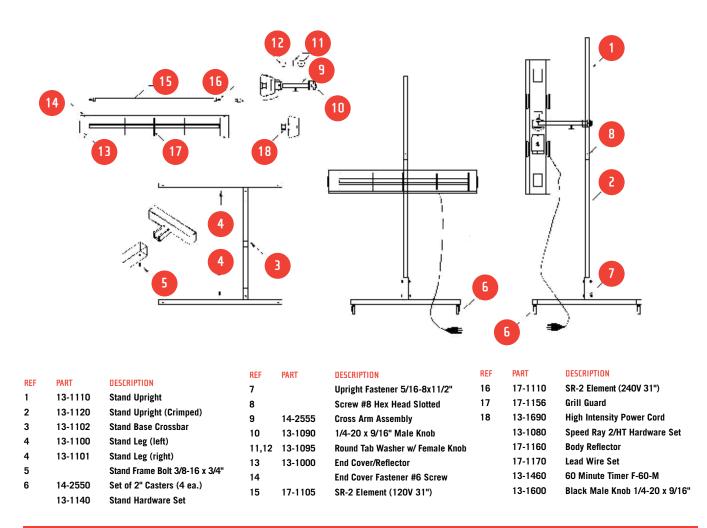
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# ASSEMBLY INSTRUCTIONS SHORT WAVE SPEED RAY 2



# 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 (6) and end caps first, then slide together legs (4) and crossbar (3). Bolt H-frame parts together with supplied 3/8" bolts (5). Assemble upright by sliding crimped (2) and uncrimped (1) sections together and inserting lock screw (8). With the stand sitting upright on its casters, insert upright and secure with supplied 5/16" fasteners (7).

**Install Elements:** 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). Place element in U-channel. Connect element lead wires with heater lead wires using supplied wire nuts. Reassemble heater.

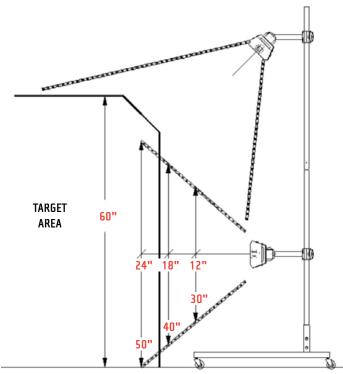
**Final Assembly:** Attach cross arm to heater housing with supplied tab washer and knob. Install vertical slid locking knob to cross arm and slide assembly onto upright post on stand; secure at desired position with locking knob. Wipe bulb clean with dry rag or rubbing alcohol.

**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. Normal operating distance is between 18" to 30".

### WARNINGS:

NEVER block front of heater DO NOT operate within 25' of flammable materials DANGER: to reduce risk of explosion do not use within 10' of spraying operations while spraying

## **OPERATING TIPS**



## **CURING TIME**

NEVER service heater without disconnecting from power Source of possible shock Use only with grounded power source Use only grounded extension cords that are rated for the amp load of these units

Your new Infratech infrared (IR) curing system provides fast, efficient curing for virtually every type of paint, primer, body filler, bonding adhesive and plastic repair product. Infratech infrared heats from the inside out, providing the best possible cure. It does not heat the air. IR cures fast by heating the coating and panel for the prescribed time to effect solvent evacuating and cross linking; the cure cycle is complete after the heated area cools back to room temperature. Once this full cycle is complete, the coating is fully cured and final assembly or cleanup for delivery can start. Care should be taken when using your new system. Operating the system too close to the part being cured can cause damage. When you first use your system, start at a distance of 24" to 30". As you gain experience using your system, you may be able to move the system closer (18" min. distance) to apply more heat and speed the curing cycle. Infratech heaters are powerful enough to blister paint and melt plastic. Additionally, it should be noted that different colors absorb IR at different rates.

| ITEM                 | DISTANCE FROM SURFACE | COVERAGE (H x W) | CURING TIME   |  |
|----------------------|-----------------------|------------------|---------------|--|
| 2 K Primers          | 18-24"                | 3' x 4'          | 5-10 minutes  |  |
| Waterborne Base Coat | 18-24"                | 3' x 4'          | 3-6 minutes   |  |
| Filler / Stoppers    | 18-24"                | 3' x 4'          | 7-10 minutes  |  |
| Plastic Body Fillers | 18-24"                | 3' x 4'          | 10-12 minutes |  |
| 2K Plastic Repair    | 18-24"                | 3' x 4'          | 10-12 minutes |  |
| Acrylic Enamels      | 18-24"                | 3' x 4'          | 10-15 minutes |  |
| Polyurethane         | 18-24"                | 3' x 4'          | 15-20 minutes |  |
| Synthetic Enamels    | 18-24"                | 3' x 4'          | 15-20 minutes |  |
| High Solids Clear    | 18-24"                | 3' x 4'          | 10-15 minutes |  |
| 2 K Top Coats        | 18-24"                | 3' x 4'          | 10-15 minutes |  |
| High Build Primers   | 18-24"                | 3' x 4'          | 15-18 minutes |  |
| Structural Adhesives | 18-24"                | 3' x 4'          | 15-18 minutes |  |

| SPECIFICATIONS |       |        |       |       |      |                       |   |  |  |  |  |
|----------------|-------|--------|-------|-------|------|-----------------------|---|--|--|--|--|
| PART NUMBER    | MODEL | LENGTH | WATTS | VOLTS | AMPS | SHIPPING WEIGHT (LBS) | Need help? To order replacement<br>elements for your Infratech<br>heating system, please contact<br>us via phone or visit the auto-<br>motive section of our website. |  |  |  |  |
| 17-1015        | SR-2  | 34"    | 1,650 | 120   | 13.8 | 24                    |   |  |  |  |  |
| 17-1017        | SR-2  | 34"    | 1,650 | 240   | 6.9  | 24                    |   |  |  |  |  |

