

MORE HEAT FOR LESS MONEY.

IRB Series

**infra**save  
radiant heaters

# Garage / Shop Comfort

Car buffs and hobbyists can now take advantage of quiet, comfortable, efficient infrared radiant heat.

Natural gas or propane fired, the quick heat recovery of InfraSave's 10, 20 or 30 foot IRB Model radiant heater provides speedy comfort, warm dry floors and eliminates condensation that can ruin your tools. With safe sealed combustion and whisper quiet operation, the efficient IRB Model can cut your workshop fuel bill by up to 50%.

Need more? Built to last, the durable IRB Model garage and workshop heater has a heavy-duty industrial design specially adapted for residential garage use. The IRB Model is so reliable it comes with a 10 year burner and tube warranty and 2 years on all other components. How's that for protecting your investment!!?

Don't settle for under-performing discount tube heaters. Get price and performance with the InfraSave IRB Model garage and shop heater.

More heat for less money.

A

**Deep Reflectors with End Caps** reach the bottom of the tube to capture and convert convection heat for increased radiant heat output.

B

**Swaged Tube System** increases structural rigidity and integrity; simplifies installation and results in a clean, straight appearance.

C

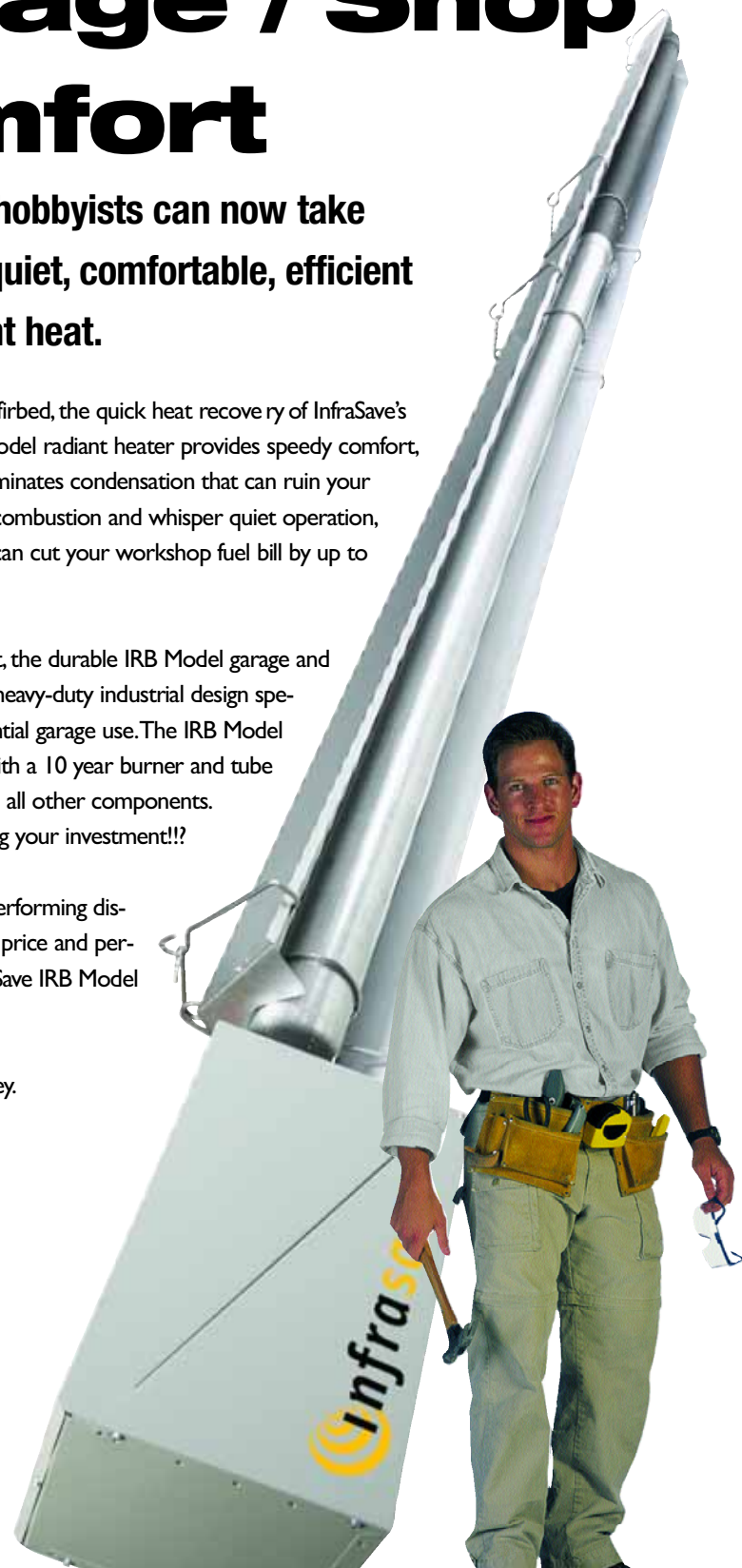
**Wire Tube / Reflector Hangers** promote free passage of entrapped convection heat along the tube system for uniform heat output.

D

**Unique Ceramic Burner** extends flame length for more uniform heating comfort, increased energy efficiency and whisper quiet operation.

E

**Swing-Down Burner Housing** exposes all controls for easy servicing. Burner operates with housing open. Service access from three sides and the bottom.



# IRB Series Specifications

## DIMENSIONS AND SPECIFICATIONS

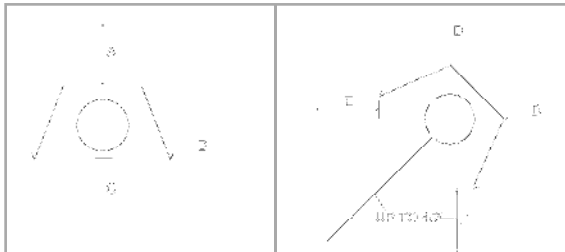
| MODEL                  | CAPACITY (BTU/HR)<br>U.S.A.* SEA LEVEL TO 2,000'<br>CANADA: SEA LEVEL TO 4,500' | AVAILABLE LENGTH |     |       |
|------------------------|---|------------------|-----|-------|
|                        |   | 10'              | 20' | 30'   |
| IRB 45                 | 45,000  | ✓                | ✓   |       |
| IRB 60                 | 60,000  | ✓                | ✓   | ✓     |
| HEATER LENGTH          |   | 11'4"            | 21' | 30'8" |
| SHIPPING WEIGHT (LBS.) |   | 95               | 130 | 180   |

| MODEL                  | CAPACITY (BTU/HR)<br>U.S.A.* SEA LEVEL TO 2,000'<br>CANADA: SEA LEVEL TO 4,500' | AVAILABLE LENGTH |
|------------------------|---|------------------|
|                        |   | 10'              |
| IRBU 60                | 60,000  | ✓                |
| HEATER LENGTH          |   | 12'9"            |
| SHIPPING WEIGHT (LBS.) |   | 135              |

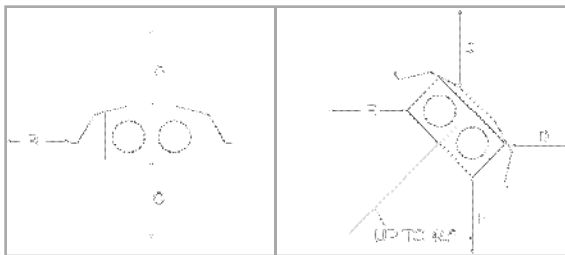
\*U.S.A.: SEA LEVEL TO 2,000FT ; de-rate heater 4% for each additional 1000ft of elevation

|                  |   |              |             |
|------------------|---|--------------|-------------|
| Gas Pressure     | Line Minimum                              | 5" W.C. NG   | 11" W.C. LP |
|                  | Line Maximum                              | 14" W.C. NG  | 14" W.C. LP |
|                  | Manifold                                  | 3.5" W.C. NG | 10" W.C. LP |
| Gas Inlet        | 1/2"                                      |              |             |
| Flue & Airb Vent | 4"  |              |             |
| Electrical       | 120 V, 60 Hz, 145 VA, 4 ft. cord and plug |              |             |

## CLEARANCES TO COMBUSTIBLES



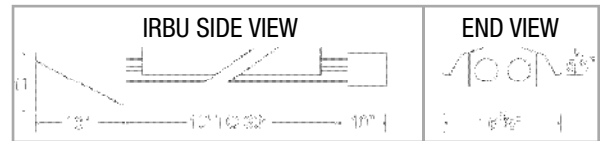
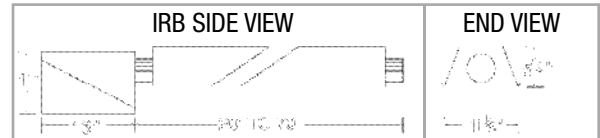
| MODEL  | SUSPENDED HORIZONTALLY |      |     | SUSPENDED AT AN ANGLE UP TO 45° |     |     |
|--------|------------------------|------|-----|---------------------------------|-----|-----|
|        | A                      | B    | C   | D                               | E   | F   |
| IRB 45 | 4.5"                   | 8.5" | 32" | 5"                              | 29" | 32" |
| IRB 60 | 2.5"                   | 5.5" | 34" | 3"                              | 17" | 34" |



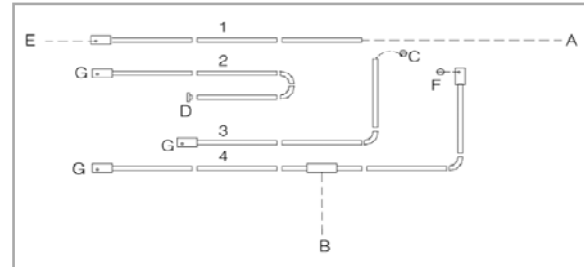
| MODEL   | SUSPENDED HORIZONTALLY |     |     | SUSPENDED AT AN ANGLE UP TO 45° |     |     |
|---------|------------------------|-----|-----|---------------------------------|-----|-----|
|         | A                      | B   | C   | D                               | E   | F   |
| IRBU 60 | 4"                     | 20" | 33" | 7"                              | 25" | 34" |

## OPTIONAL ACCESSORIES

|  | Part Number |
|--|-------------|
| • 4" Horizontal Flue Vent Terminal   | JA-0528-XX  |
| • Fresh Airb Intake Wall Cap   | JS-0532-VC  |
| • Installer Convenience Kit<br>• 4" Wall Vent Terminal JA-0528-XX<br>• 4 ft Hanging Chain<br>• Expandable Airb Duct 10' x 4" | JS-0598-XX  |
| <b>Consult your Local Authorized Dealer for these other Schwank optional accessories:</b>                                    |             |
| • TruTemp Infrared Setback Thermostat  | JM-0150-IS  |
| • Line Voltage & 24V Thermostat and Controls   |             |
| • Flexible Gas Connectors & Type 1 Hoses   |             |



## FLEXIBLE LAYOUT



### System Configuration

1. Straight line
2. "U" Tube with 2 90° elbow kits
3. "L" Tube with 90° elbow kit
4. Common 6" TEE flue vent

### Venting Options

- A. Flue Vent through wall 4"
- B. Common Flue Vent through wall or roof 6"
- C. Flue Vent through roof
- D. Flue Vent into building, exhaust fan interlocked with heater
- E. Combustion airb intake from outside through wall
- F. Combustion airb intake from outside through roof
- G. Combustion airb intake from inside building

**IL Luminous Commercial/Industrial**



**IQ & ITB Commercial/Industrial**



**IW Car Wash and Harsh Environment**

**IC-90 Portable Construction Heater.**



**Patio Portable, post and wall or ceiling mount.**

**IC-90 Portable Construction Heater.**



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