

# IQ Series

MORE HEAT FOR LESS MONEY.

# infra<sup>save</sup>

radiant heaters

## a hot new twist.

The IQ Series tube heater keeps up with every twist and turn in your heating needs.

Don't Settle for an underperforming heating system - turn your attention to the comfort, radiant efficiency and substantial fuel savings provided by the InfraSave IQ Series.

With many performance enhancing features and our modular elbow kit, you can satisfy comfort heating needs, site determined layout and your bottom line by reducing both installation time and precious operating costs.

Durable and reliable InfraSave heaters are perfect for warehousing, manufacturing, service garages, welding and fabricating shops. Add in the best warranty in the industry and you have the key to slash your heating budget.

Swaged Tube System increases tube system rigidity and integrity; provides a clean, straight appearance while simplifying installation.

A

**Tall focus shield reflectors** with closed reflector ends extend below tube surface to trap convection heat and convert it to infrared heat output.

B

**Webbed hangers** promote free passage of entrapped convection heat providing more uniform heat output.

C

**24 or 120 Volt thermostat ready; Electrical cord and plug** to reduce installation costs.

D

**Factory Installed igniter** to reduce installation time.

E

**Operating Status lights** to simplify trouble shooting.

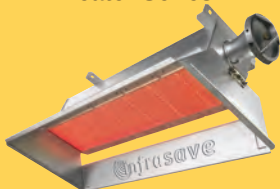
**NOTHING TO HIDE**



Don't settle for an underperforming infrared heater. InfraSave provides more heat for less money.



**Luminous Heater Series**




**Tube Heater Series**




**Patio Heater Series**

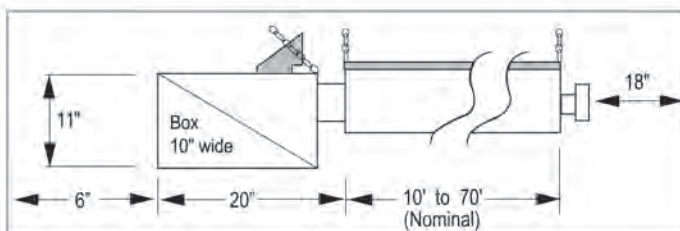


# IQ Series Specifications

## 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' | 40'   | 50'   | 60' | 70'   |
| IQ 200                 | 200,000                                                                          |                  |       |     |       | ✓     | ✓   | ✓     |
| IQ 175                 | 175,000                                                                          |                  |       |     |       | ✓     | ✓   | ✓     |
| IQ 155                 | 155,000                                                                          |                  |       |     | ✓     | ✓     | ✓   |       |
| IQ 130                 | 130,000                                                                          |                  |       | ✓   | ✓     | ✓     |     |       |
| IQ 110                 | 110,000                                                                          |                  |       | ✓   | ✓     | ✓     |     |       |
| IQ 80                  | 80,000                                                                           |                  | ✓     | ✓   | ✓     |       |     |       |
| IQ 60                  | 60,000                                                                           |                  | ✓     | ✓   |       |       |     |       |
| IQ 45                  | 45,000                                                                           | ✓                | ✓     |     |       |       |     |       |
| HEATER LENGTH          |                                                                                  | 11'8"            | 21'4" | 31' | 40'8" | 50'4" | 60' | 69'8" |
| SHIPPING WEIGHT (LBS.) |                                                                                  | 100              | 150   | 200 | 240   | 315   | 360 | 430   |

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



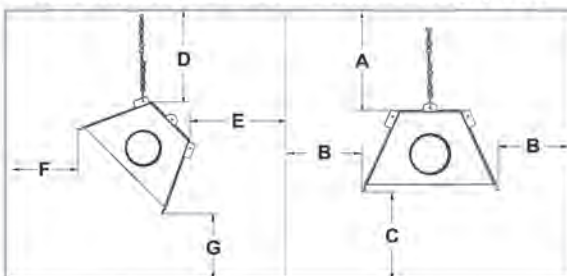
## OPTIONAL ACCESSORIES

|                                                                                   | Part Number |
|-----------------------------------------------------------------------------------|-------------|
| • 4" Horizontal Flue Vent Terminal (Wall)                                         | JA-0528-XX  |
| • Fresh Air Intake Wall Cap                                                       | JS-0532-VC  |
| • 4"x4"x6" Vent Tee                                                               | JA-0514-XX  |
| • 90° Elbow Kit with Reflector Cap<br>(Combine two 90° kits to create 180° elbow) | JS-0508-JZ  |
| • TruTemp Infrared Setback Thermostat                                             | JM-0150-XX  |
| • Hanging Chain (Box of 50 ft)                                                    | JL-0798-JC  |

**Consult your Local Authorized Dealer for these other Infrasave optional accessories:**

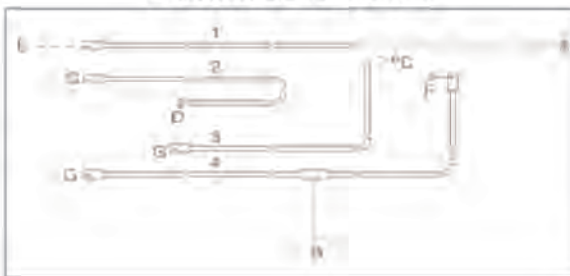
- Line Voltage & 24V Thermostat and Controls
- Flexible Gas Connectors & Type 1 Hoses
- Side Reflector Extensions

## CLEARANCES TO COMBUSTIBLES



| MODEL  | SUSPENDED AT AN ANGLE UP TO 45 DEGREES |    |     |     | SUSPENDED HORIZONTALLY |      |     |
|--------|----------------------------------------|----|-----|-----|------------------------|------|-----|
|        | D                                      | E  | F   | G   | A                      | B    | C   |
| IQ 200 | 6"                                     | 1" | 57" | 68" | 6.5"                   | 22"  | 68" |
| IQ 175 | 4.5"                                   | 1" | 47" | 68" | 5.5"                   | 20"  | 68" |
| IQ 155 | 3.5"                                   | 1" | 44" | 64" | 5.5"                   | 19"  | 64" |
| IQ 130 | 3.3"                                   | 1" | 35" | 56" | 4.5"                   | 11"  | 60" |
| IQ 110 | 2"                                     | 1" | 26" | 54" | 3.5"                   | 10"  | 54" |
| IQ 80  | 1.75"                                  | 1" | 23" | 38" | 3"                     | 6"   | 36" |
| IQ 60  | 1.5"                                   | 1" | 17" | 34" | 2.5"                   | 5.5" | 34" |
| IQ 45  | 5"                                     | 1" | 29" | 32" | 4.5"                   | 8.5" | 32" |

## 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 air intake from outside through wall
- F. Combustion air intake from outside through roof
- G. Combustion air intake from inside building