

SERIES RE INFRARED HEATERS



Garage

Workshop

Restaurant

Commercial

FEATURES

Built especially for RESIDENTIAL GARAGES, WORKSHOPS, COMMERCIAL ENTRYWAYS, and LIGHT INDUSTRIAL USE.

- Rates 30,000 and 45,000 BTU/HR
- Natural Gas and LPG
- Preassembled construction
 - no loose parts
 - simplified installation
- Direct Spark Ignition
- Combustion air controller
- Thermal efficiencies above 82%
- Aluminized (HT) radiant tube
- Approved to residential standards
 - AGA Reg. 7-89, CAN/CGA 2.5-M86
- Self diagnostic ignition module
- Balanced flue construction
 - one wall opening
 - maximum safety
 - minimum installation cost
- Hangs 0-45 degrees
- Thermostat and gas flex connector included



SUPERIOR TECHNOLOGY • SUPERIOR PERFORMANCE

SPECIFICATIONS

Series RE Infrared Heaters

MODEL	RATE BTU/HR	SHIP WT.	DIMENSIONS (In)	ELECTRICAL RATING	GAS CONNECTION
RE-30	30,000	105 lbs (48kg)	19 x 8 x 118	120 VAC 60 Hz 1A plug connector	1/2" NPT
RE-45	45,000	105 lbs (48kg)	19 x 8 x 118		

STANDARD EQUIPMENT INCLUDES

- Pre-assembled burner and heat exchanger
- Ceiling suspension hardware
- Gas flex connector
- Thermostat
- 8' Venting Kit

TUBE DIAMETER
Combustion air 4"
Flue 2"
(Concentric)

MINIMUM GAS INLET
Nat gas 4.5" W.C.
LPG 10.5" W.C.

APPROVAL STANDARDS

Whereas most infrared before are approved to industrial infrared heater standards with minor variations to adapt their use to, "Residential-like" applications only the Series RE heater by Superior Radiant Products is uniquely approved to the more stringent residential requirements of CAN/CGA 2.5-M86 for Canada and AGA Reg. 7-89 for the USA.

BALANCED FLUE CONSTRUCTION

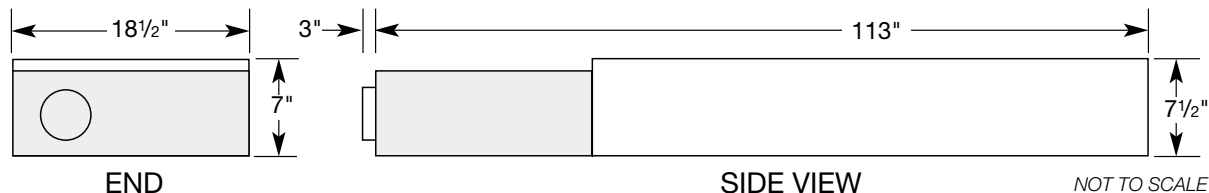
The flue pipe of the Series RE heater by Superior Radiant Products is concentrically inside the combustion air inlet pipe. This construction;

- preheats the combustion air, making the Series RE heater the most efficient heater of it's class
- limits wall penetrations to one 4 inch hole, making installation simple and economical
- exposes inlet air and outlet gases to the same pressure conditions resulting in unparalleled safety and trouble free operation.

COMBUSTION AIR CONTROLLER

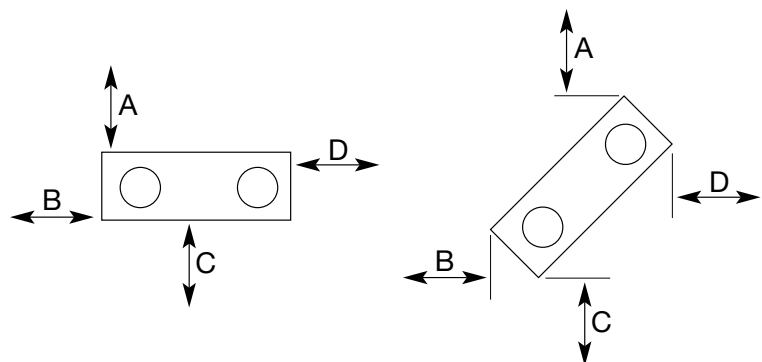
Through the varying temperature conditions from start-up to steady state run conditions, all gas burners change their combustion characteristics. Only the Series RE heater is fitted with a unique and failsafe air volume controller that maintains optimum burner operating performance at all times.

DIMENSIONS (Inches)



CLEARANCES TO COMBUSTIBLES (Inches)

MODEL	RE-30				RE-45			
Configuration	A	B	C	D	A	B	C	D
Horizontal	2	18	36	18	2	18	50	18
at 45°	2	2	33	33	3	3	48	48



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DISTRIBUTOR

