

# Solaronics

Low Intensity Gas  
Infra-red Tube Heaters

## FEATURES

- Proven system design—over 30 years
- Heavy duty 16 gauge 304L Stainless Steel combustion chamber and heat exchangers
- Rugged 304L Stainless Steel burner and blower motor housings and covers.
- Highly Polished 304L Stainless Steel reflectors rotate from 0° to 45°
- 91.7% Reflectional efficiency design
- A.G.A. & CGA certified
- Simple chain mounting
- Safe, reliable operation
  - Post-purge cycle
  - 100% Safety shut-off
  - Direct spark ignition
  - System validation lights
- Burner fully assembled, tested, ready to hang
- Factory installed high efficiency wave formed turbulator
- Options: Recessed Ceiling Kit; Side Reflector; 90° Elbows; Inlet & Exhaust Kits; "Y" Couplers

Powerful, Stainless Steel Heaters Resist Wet, Humid & Corrosive Environments



Spectators cheer in comfort under Solaronics Heaters that withstand the rigors of cold, damp arenas. Ask for Case History 66.

## APPLICATIONS

- Car Washes
- Chemical Plants
- Exposed Loading Docks
- Farm Buildings
- Sports Arenas
- Green Houses
- Plating Facilities
- Restaurant Patios
- Truck Washes



Saves Up To **75%**  
In Energy Costs

Patent No.  
4319125

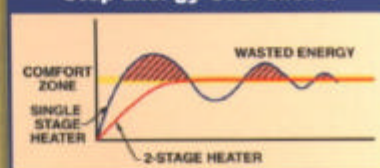
## WARRANTY

- 10** year limited warranty on Burner Core
- 5** year limited warranty on All combustion and heat exchanger tubes
- 1** year limited warranty on All Burner Controls

Direct the heat where you want it.  
Each 5' or 10' reflector rotates independently from 0° to 45°



## Stop Energy Overshoot!



Solaronics True Dual heaters maintain precise control of inside temperatures. The desired comfort level and lower energy costs can now be achieved without "overshooting."



# Solaronics TRUE DUAL 2-STAGE Heaters

## Low Intensity 2-STAGE Gas Infra-red Heaters

### STRAIGHT

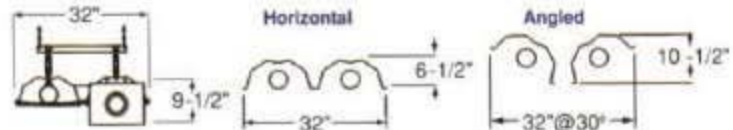
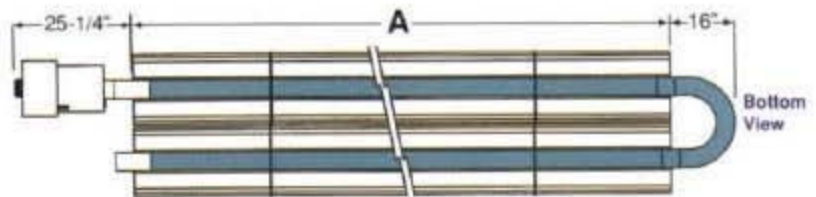
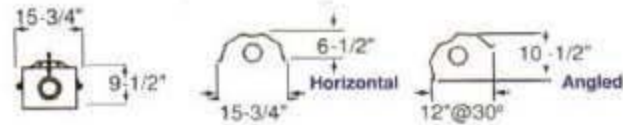
MODEL	MBTUH NAT or LP HIGH/LOW	LENGTH* "A"	APPROX. SHIP WT. (lbs.)
SMTS	85/65	20'-25'	150-185
SMTS	100/65	30'-40'	225-275
SMTS	125/95	30'-50'	225-350
SMTS	150/100	40'-60'	275-425
SMTS	175/125	50'-70'	350-475
SMTS	200/145	50'-70'	350-475

\* TUBE INCREMENTS OF 5' ONLY

### U-TUBE

MODEL	MBTUH NAT or LP HIGH/LOW	LENGTH* "A"	APPROX. SHIP WT. (lbs.)
SMTU	85/65	10'	170
SMTU	100/65	15'-20'	245-295
SMTU	125/95	15'-25'	245-370
SMTU	150/100	20'-30'	295-420
SMTU	175/125	25'-35'	370-495
SMTU	200/145	25'-35'	370-495

\* TUBE INCREMENTS OF 5' ONLY



**Note: Check overall space available for proper installation.**

## Clearances to Combustibles

MBTUH INPUT NAT OR LP HIGH/LOW	85/65	100/65	125/95	150/100	175/125	200/145
AVAILABLE TUBE LENGTH (FEET)	20	30, 35	30, 35	40, 45	40, 45	50, 55
	25	40	40, 45	50, 55	50, 55	60, 65
			50	60	60, 65	70
CLEARANCES <sup>B</sup> (INCHES)						
TOP OF REFLECTOR	12'	12'	12'	12'	12'	12'
FRONT OF REFLECTOR						
MOUNTED 0	24"	24"	32"	48"	58"	68"
MOUNTED 1 TO 30	24"	24"	32"	48"	58"	68"
MOUNTED 31 TO 45	X	X	X	70"	80"	90"
REAR OF REFLECTOR						
MOUNTED 0	24"	24"	32"	48"	58"	68"
MOUNTED 1 TO 30	24"	24"	32"	48"	58"	68"
MOUNTED 31 TO 45	X	X	X	12"	12"	12"
BELOW REFLECTOR	60"	60"	72"	82"	92"	102"

\* FOR ALL SYSTEMS: 12" FROM BURNER END AND 68" FROM U-BEND ■ NOT AVAILABLE IN U-TUBE CONFIGURATION ▲ NATURAL GAS ONLY

## System Information

**Manifold Operating Pressure**  
Natural Gas & LP/Propane: 5" WC

**Minimum Inlet Pressure**  
Natural Gas: 7" WC  
LP/Propane: 11" WC

**Maximum Inlet Pressure**  
Natural Gas & LP/Propane: 14" WC

**1/2" FPT Gas Inlet**

**Electrical Rating:**  
120 VAC-60 Hz-1 Phase  
1.30 max. amp. draw  
138 cfm/free air

# Solaronics

## Gas INFRA-RED Heaters



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