



New!

**TRUE DUAL™**

SAVE UP TO  
**75%**  
ON HEATING COSTS

**2-STAGE**  
Gas Infra-red  
Heaters  
for Any Size Building

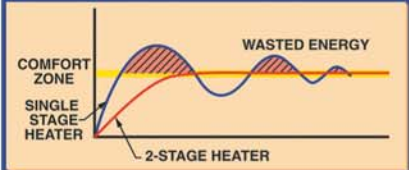
## Daystars 2-STAGE Heaters Achieve Optimum Energy Efficiency

Unlike other systems claiming 2-Stage operation, both air and gas flows of the Daystar system provide precise air-to-gas ratios at both the high- and low-heat stages for optimum efficiency.

### APPLICATIONS

Maintenance Facilities • Warehouses  
Manufacturing Plants • Loading Docks  
Aircraft Hangars • Sports Facilities  
Car Washes • Fire Stations  
Body Shops • Farm Buildings  
Auto Dealerships

### Stop Energy Overshoot!



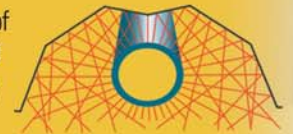
Daystar True Dual heaters maintain precise control of inside temperatures. The desired comfort level and lower energy costs can now be achieved without "overshooting."

### FEATURES

- Patented 2-STAGE design provides precise matching of air/gas flows at both high and low fire stages
- Optimum combustion 100% of the time
- Heavy Duty 12 gauge heat exchanger
- Factory installed wave turbulator
- CSA International Design Certified to ANSI/CGA Standards
- Burner fully assembled and tested — ready to hang
- Burner controls fully enclosed and isolated from combustion air
- Safe, reliable operation:
  - Direct spark electronic ignition control
  - 100% safety shut-off
  - Pre/Post purge cycles
  - System validation light
- Brite aluminum reflectors (98% reflectivity) rotate from 0° to 30° to direct the heat where you want it. Superior reflectional efficiency of 91.7% (shape)



directs 33 of 36 infra-red rays directly to floor/work areas.



- **Options:** Stainless Steel Models; Recessed ceiling kit; 90° elbows, "Y" couplers; Inlet & exhaust kits; Side reflector

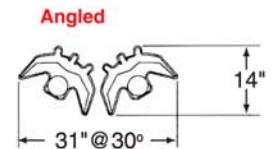
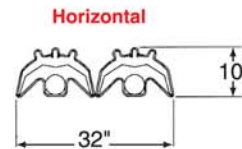
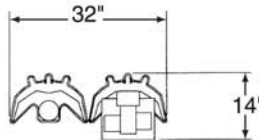
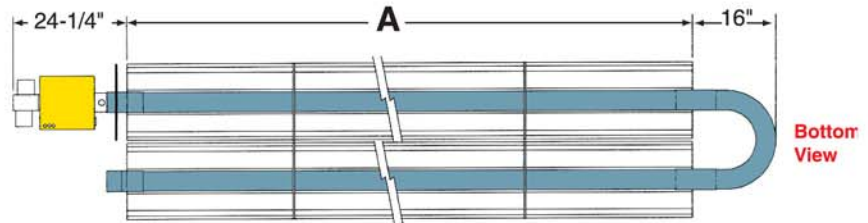
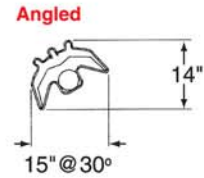
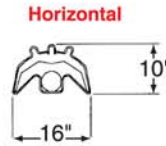
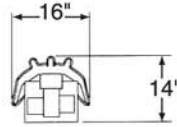
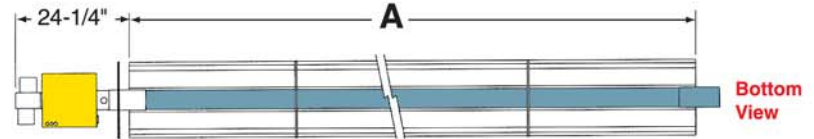
### WARRANTY

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



# Daystar TRUE DUAL 2-STAGE Heaters

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



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

### STRAIGHT

MODEL	MBTUH NAT or LP HIGH/LOW	LENGTH* "A"	APPROX. SHIP WT. (lbs.)
DHLS	85/65	20'-25'	150-185
DHLS	100/65	30'-40'	225-275
DHLS	125/95	30'-50'	225-350
DHLS	150/100	40'-60'	275-425
DHLS	175/125	50'-70'	350-475
DHLS	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.)
DHLU	85/65	10'	170
DHLU	100/65	15'-20'	245-295
DHLU	125/95	15'-25'	245-370
DHLU	150/100	20'-30'	295-420
DHLU	175/125	25'-35'	370-495
DHLU	200/145	25'-35'	370-495

\* TUBE INCREMENTS OF 5' ONLY

## 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' 25'	30', 35'	30', 35', 40', 45'	40', 45', 50', 55', 60'	40', 45', 50', 55', 60', 65', 70'	50', 55', 60', 65', 70'
<b>CLEARANCES* (INCHES)</b>						
<b>TOP OF REFLECTOR</b>	12"	12"	12"	12"	12"	12"
<b>FRONT OF REFLECTOR</b>						
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"
<b>REAR OF REFLECTOR</b>						
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"
<b>BELOW REFLECTOR</b>	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



"Often Imitated, Never Equaled"

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