



STAINLESS STEEL

Low Intensity Gas Infra-Red Heaters Built For Harsh Carwash Conditions



**Straight Tube
U-Tube Also Available**

Energy Saving Infra-Red Heat: Here's The Story.

Daystar Heaters create heat with infra-red rays, an energy form similar to the sun's rays warming the earth. The Daystar's highly polished stainless steel reflectors focus infra-red energy that is converted into heat as it reaches absorptive objects such as equipment, concrete floors, machines, and of course, people. The surrounding air is then warmed by conduction and convection. With our 304 Stainless Steel design, Daystar Infrared Heaters are the perfect choice for any high moisture environment.

Features

- Proven System Design — Over 30 years
- Stainless Steel Combustion Chamber
- Stainless Steel Heat Exchanger
- Stainless Steel Butt-Joined Tubes
- Simple Chain Mounting
- A.G.A. & CGA Design Certified
- Highly Polished Stainless Steel Reflectors:
 - 98% Reflectivity
 - 91.6% Reflectional Efficiency (Shape)
 - 4 Inch Tube Diameter

Stainless Steel 8" Tube Couplings- Heavy Duty
Fan Motors Enclosed in Sealed Burner Box
Stainless Steel Brackets

Choice of reflector arrangements from 0° to 45°
Each reflector rotates independently

Burner fully assembled & tested — Ready to Hang
Durable direct spark ignition with 100% safety shut-off
Pre-purge cycle for safety
Factory installed wave turbulator for high efficiency
3 System validation lights visible from floor

Warranty

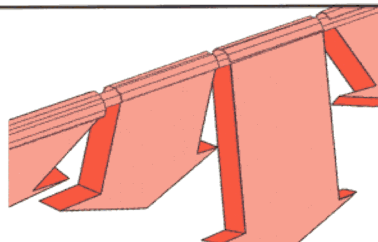
Controls: 1 Year Limited Warranty
Tubing: 5 Year Limited Warranty
Burner Core: 10 Year Limited Warranty

Options

- Decorative Grill, Side Reflector, 90° Elbows,
- "U" Bends, "Y" Couplers, Inlet and Exhaust Kits,

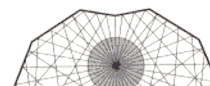
Available with 40,000 to 200,000 BTU/Hr inputs and tube lengths from 10 to 70 feet.

**Save Up To 75% ...
and Direct the Heat
Where
You Want It**



**Superior Reflectional
Efficiency of 91.6%.**

33 of 36 infra red rays are directed to
the floor: not back on the tube



Call Toll Free: 1-800-233-1487

Specifications

STRAIGHT

MODEL	MBTUH	LENGTH "A" MIN.	LENGTH "A" MAX.	SERIES	SHIP WT. (lbs.)
DTSS	40	10'	15'	A	107-183
DTSS	40-60	20'	20'	A	188
DTSS	65-85	20'	25'	MB▲	188-244
DTSS	65-95	30'	40'	B	249-332
DTSS	100	30'	50'	B	249-393
DTSS	105-120	40'	50'	B	332-393
DTSS	125N	40'	50'	B	332-393
DTSS	125L	40'	50'	C	332-393
DTSS	105-130	30'	35'	MC▲	249-305
DTSS	130-150	40'	50'	C	275-393
DTSS	155-200	50'	50'	C	393
DTSS	150-200	55'	70'	C	449-536

▲ NATURAL GAS ONLY

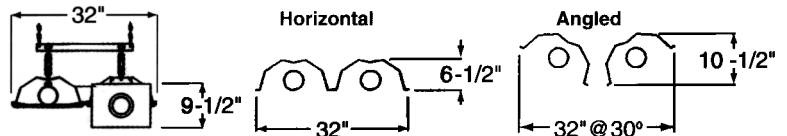
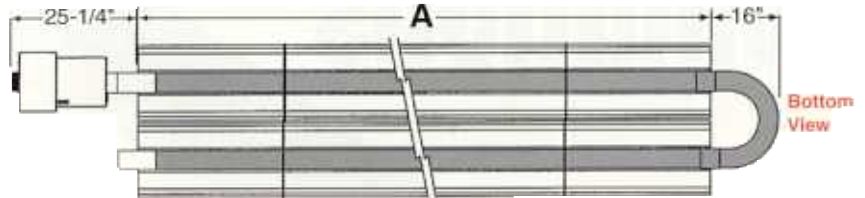
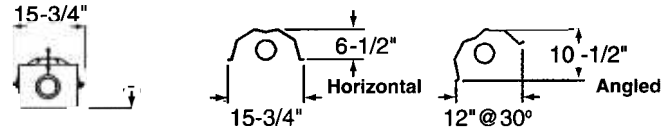
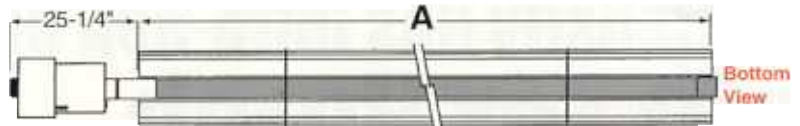
U-TUBE

MODEL	MBTUH	LENGTH "A"	SERIES	SHIP WT. (lbs.)
DTSU	40	10'	A	217
DTSU	40-60	10'	A	222
DTSU	65-85	10'	MB▲	222
DTSU	65-100	15'	B	305
DTSU	65-100	20'	B	366
DTSU	100	25'	B	448
DTSU	105-120	20'	B	366
DTSU	105-120	25'	B	448
DTSU	125N	20'	B	366
DTSU	125L	20'	C	366
DTSU	125L	25'	C	448
DTSU	105-130	15'	MC▲	305
DTSU	130-150	20'	C	366
DTSU	130-200	25'	C	448
DTSU	150-200	30'	C	509
DTSU	150-200	35'	C	592

▲ NATURAL GAS ONLY

STAINLESS STEEL SERIES

Low Intensity Gas Infra-red Tube Heaters



Note: Check overall space available for proper installation.

Clearances to Combustibles

MBTUH INPUT NAT OR LP	40	45,50	55,60	65,70 75,80	65,70 75,80	100	105,110 115,120	130,135 140,145	150	155,160 165,170	180,185 190,195
AVAILABLE TUBE LENGTH (FEET)	10', 15' 20'	20'	20'	20'▲ 25'▲	30', 35'■ 40'	30', 35'■ 40', 45'■	40', 45'■ 50'	40', 45'■ 50'	40', 45'■ 50', 55'■ 60', 65'■	50', 55'■ 60', 65'■ 70'	50', 55'■ 60', 65'■ 70'
CLEARANCES* (INCHES)											
TOP OF REFLECTOR	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
FRONT OF REFLECTOR											
MOUNTED 0	40"	40"	50"	24"	24"	24"	32"	48"	48"	58"	68"
MOUNTED 1 TO 30	40"	40"	50"	24"	24"	24"	32"	48"	48"	58"	68"
MOUNTED 31 TO 45	40"	40"	50"	X	X	X	X	70"	70"	80"	90"
REAR OF REFLECTOR											
MOUNTED 0	40"	40"	50"	24"	24"	24"	32"	48"	48"	58"	68"
MOUNTED 1 TO 30	40"	40"	50"	24"	24"	24"	32"	48"	48"	58"	68"
MOUNTED 31 TO 45	12"	12"	12"	X	X	X	X	12"	12"	12"	12"
BELOW REFLECTOR	40"	40"	50"	60"	60"	60"	72"	82"	82"	92"	102"

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

System Information

Manifold Operating Pressure

Natural Gas & LP/Propane:
40-100 MBTUH 3.5" WC
105-200 MBTUH 5" WC

Minimum Inlet Pressure

Natural Gas:
40-125 MBTUH 6" WC
130-200 MBTUH 7" WC

LP/Propane:

All MBTUH 11" WC

1/2" FPT Gas Inlet

Electrical Rating:

120 VAC-60 Hz-1 Phase
Blower: 1/24 h.p. motor
1.30 max. amp. draw @
138 cfm/free air



"Often Imitated, Never Equaled"
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