SunSpan™ HEATERS

- Stainless Steel
- Controls Totally Enclosed

Gas Fired Door Heater

STOPS OPEN-DOOR CHILLS

APPLICATIONS

- Car Washes
- Warehouses
- Manufacturers
- Auto Body Shops
- Distribution Centers
- Maintenance Facilities
- Marine Repair Facilities

Maintain Comfort. Improve Productivity. Save Energy dollars.

SunSpan Door Heaters stop the chills and wasted energy that occur when outside bay doors are opened in car washes, industrial plants and distribution centers. The heat surge tempers the in-rushing cold air, keeping employees working in the area comfortable and saving energy dollars.

Fully automatic operation – You don't have to turn the heater on!
SunSpan Door Heaters operate via a trip switch that starts the fan and burner automatically as the door is raised. Heated air is directed toward the door instantly. When the door closes, the fan and burner turn off immediately.

Easy installation for all door types.
Door heaters are installed with the angle of air discharge from vertical to horizontal. Vertical mounting directs the heat straight down for roll up or straight lift doors. For conventional doors, horizontal or angled placement may be utilized. Connections to electrical source, gas supply and door limit switch complete the installation.

In car wash applications, Door heaters can also be placed at vehicle drying stations to increase the efficiency of the drying cycle.

FEATURES

- **Watertight enclosure:** All gas and electrical controls prewired and sealed
- **Fully assembled and factory tested** to ensure safe and dependable long life operation
- **16 Gauge 304 Stainless Steel casing** with two reinforcing angle rings
- **Stainless steel burner baffle**
- **Heavy duty axial flow fan**
- **Vertical or angle mounting**
- **Economical Natural Gas operation:** Also LP/Propane and other gaseous fuels options
- **550,000 to 950,000 BTUH input ratings** to fit most buildings
- **Instant heat:** No warm-up period required
- **Special "Jet" type burner**
- **Corrosion resistant manifold**
- **Hanging holes**

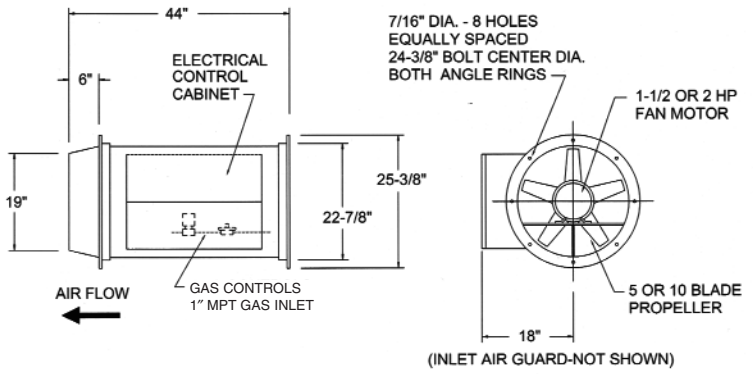
Gas Fired Door Heater

Stainless Steel Door Heaters With Controls Totally Enclosed

Controls

- Remote control with On-Off switch and control circuit fuse
- 1½ or 2 HP TEFC ball bearing 3-phase motor
- Magnetic motor starter
- Air flow switch
- Control transformer
- High temperature limit switch
- Remote summer-winter switch
- Electronic ultraviolet sensor
- Gas pressure regulator up to ½ PSI
- Modulating gas valve/temperature control
- "Hot" spark ignition
- Options: Door limit switch and roller arm; Inlet air guard; High pressure gas regulator over ½ PSI; Single phase motor.

DOOR HEATER DIMENSIONS

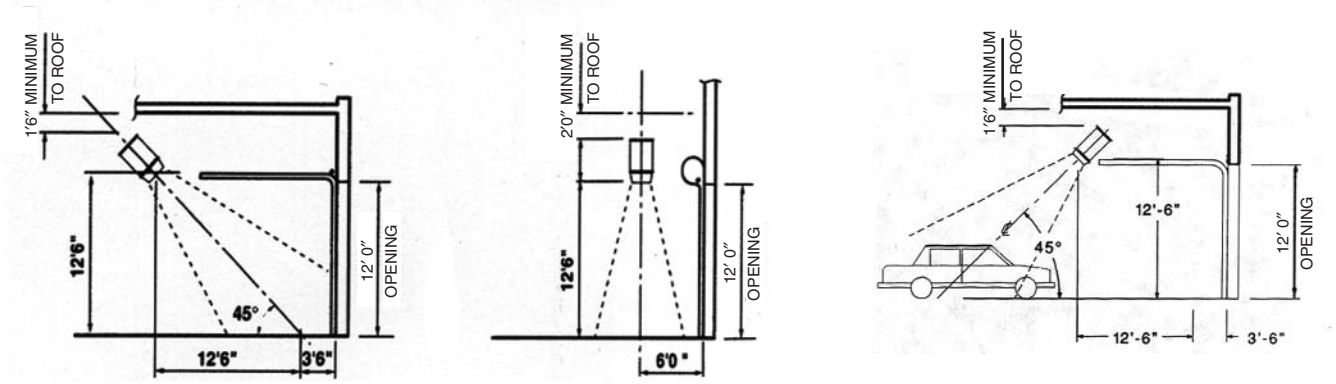


DOOR HEATER OPERATIONAL DATA

Model No.	Motor HP	BTUH Input	CFM	Fan RPM	Outlet Velocity	Temp. Rise	Minimum Inlet Pressure	Manifold Operating Pressure
DJTE 55	1½	550,000	7,000	1,750	3,500	70°	7" WC	2.5" WC
DJTE 65	1½	650,000	7,000	1,750	3,500	80°	7" WC	3.0" WC
DJTE 75	1½	750,000	7,000	1,750	3,500	90°	7" WC	3.75" WC
DJTE 85	2	850,000	7,800	1,750	3,900	100°	8" WC	5.0" WC
DJTE 95	2	950,000	7,800	1,750	3,900	110°	8" WC	6.0" WC

Note: Based on Natural Gas Specific Gravity .6 – 1,000 BTU/cu. ft.

TYPICAL DOOR HEATER INSTALLATIONS



CONVENTIONAL APPLICATION | ROLL UP OR STRAIGHT LIFT APPLICATION | CAR DRYING APPLICATION

A single Door heater will handle door openings up to 12' x 12'. Determine BTUH rating and number of heaters needed on basis of 5,500 BTUH per square foot of door opening. Larger openings require two or more heaters.

Note: Heaters are designed to operate with the door open to assure adequate dilution with fresh air. Do not use hot air heaters in a closed unventilated area for space heating.

GAS INFRARED HEATERS

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