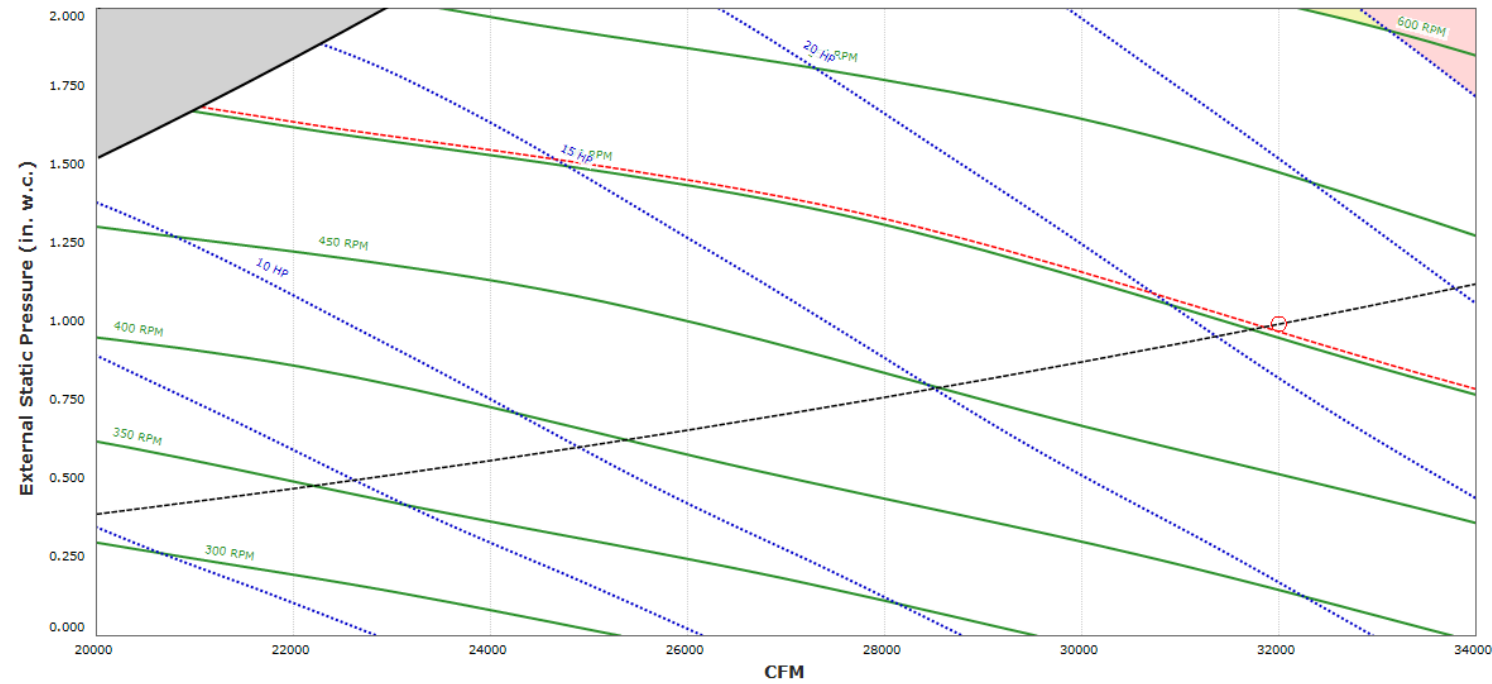


TTV 30 (#1) Weight: 3216 lbs./360 stand

Vertical industrial heater with 84" of burner and 30" blower.



SUPPLY MOTOR

Model DTP0304 • 30.000 HP, 3 Phs, 460 V, 60 Hz, 34.7 FLA, ODP, Premium (E-Plus3) Eff.

BURNER

Min Output BTU:	128,333 BTU/Hr
Max Output BTU:	3,850,000 BTU/Hr
Size:	84" long
Gas Type:	Natural

SUPPLY PERFORMANCE

Volume:	32000 CFM	RPM:	502
Tip Speed:	3943 ft/min	BHP:	21.0840
Static Pressure:	0.994" w.g. (0.500" Ext. + 0.242" Int. + 0.252" Opt.)		
Altitude:	0 ft		

BLOWER

BLOWER 30" - Enamel finish, pillow block bearing, 0-51000 CFM, 50 HP, 2 7/16 x 65" Shaft, 650 MAX RPM, used in heated and non-heated supply fans

TEMPERATURE CONTROL

Paint Booth • Maxitrol "M" Series Programmable Control • Spray/Flash/Cure • High Temp

INTAKE

- V-BANK - 53.25" Wide X 83.5" Long X 32" High for Vertical Industrial. Standard 2" EZ Filter With Filter Intake Screen. For outdoor use Max CFM = 42,000

AIRFLOW DIRECTION

- Side Discharge - Air Flow Left -> Right

FILTERS

- 5x MV EZ Kleen Metal Mesh Filter. 20"x 25"x 2" Used for heater and supply fan intakes. (3416)
- 20x MV EZ Kleen Metal Mesh Filter. 16"x 25"x 2" Used for heater and supply fan intakes. (3410)

STAND & SUPPORTS

- Vertical stand for Size 4 Industrial Vertical Heaters (Outdoor). 60" Wide x 89" Long x 76" High.

HEATING SCHEDULE

Altitude:	0 ft
Winter Outdoor Air Dry Bulb Temp:	0.0°F
Temp Rise:	110.0°F
Output BTU:	3,801,600 BTU/Hr
Input BTU:	4,132,174 BTU/Hr
Based Off:	BTUs Standard Air Density
Gas Type:	Natural

SUPPLY INSTALLATION INFORMATION

Gas Pressure:	1 lb. - 5 lb.
Insurance Requirements:	No Insurance Requirement (ANSI)
Unit Voltage:	3 phs 460 V 60Hz
Unit Main Input:	44.5 Amps MCA • 70 Amps MOP • 460 V • 8 AWG Wire Min.
SCCR:	10 kAmp

CONFIGURED OPTIONS

- Gas Pressure Gauge, 0-15PSI, 2.5" Diameter, 1/4" Thread Size
- Gas Pressure Gauge, -5 to +15 Inches Wc., 2.5" Diameter, 1/4" Thread Size
- Ship Loose Gas Strainer. To be installed upstream of unit connection. 2" Connection
- Option for 2nd high temperature limit switch for single blower industrials
- Burner section cap for size 4 Industrial Vertical unit with 27 or 30 blowers, protects burner section from weather prior to install. There is no warranty for water damage in burner and/or gas train due to improper storage prior to install.
- Side Discharge Construction Size 4 Vertical Industrial With 30" Blowers Left to Right Discharge
- Paint Booth Lighting Circuit Switch and Auto Off in Cure Mode.
- Paint Booth Purge Cycle with Light
- Fan housing assembled without the use of silicone caulk. Primarily used for paint booth applications. Use Acrylic Latex Caulk , P/N A0011848.
- High Gas Pressure Switch (1" - 20" WC) Factory set at 8" w.c. Replaces part HGP-A.
- Extra Set of V-Belts For Size Four Industrial. Only to be ordered as fan option at time fan is ordered.
- Burner ON in Cure Mode
- Clogged Filter Switch with Light on Paint Booth Control Panel
- External Side Discharge CD60 Damper for size 4 Vertical industrial units with 30" blowers. Includes actuator.
- Auto Balance Exhaust VFD Static Pressure Control (preset to: -0.01 and 0.02)
- To control following motor(s):
- 15.00 HP, 3 Phs, 460 V, 18.2 FLA
- Variable Frequency Drive - 15 HP Max., 400/480 V, Three Phase, 24.0/21.0 A Max., NEMA 1 Enclosure PART NEEDS PROGRAMMING
- Size 4 Vertical Heater VAV Profile and Wiring Package w/ Constant Speed Control or Analog Input Control
- Supply Variable Frequency Drive - 30 HP Max., 480 V, Three Phase, 40 A Max., NEMA 1 Enclosure PART NEEDS PROGRAMMING
- Freezestat With 20' Sensor and Low Temp Light on Remote Panel. Factory set at 35°F and 10 minutes.
- VFD factory mounted and wired on industrial unit control panel.
- Industrial GM - BTU 4125000 - 4674999 - 1 lb. - 5 lb., No Insurance Requirement (ANSI), BV250-1616, 2" connection

TTV 30 SOUND (502 RPM) AT 5 FT. IN OCTAVES:							
1	2	3	4	5	6	7	8
89.5	87.9	94.1	91.6	92.3	91.5	86.9	84.1
LWA:	97.3	Sones:	55.1	DBA:	85.8		

Note: Sound data across operational range. Tested in accordance to AHRI Standard 270/370.

