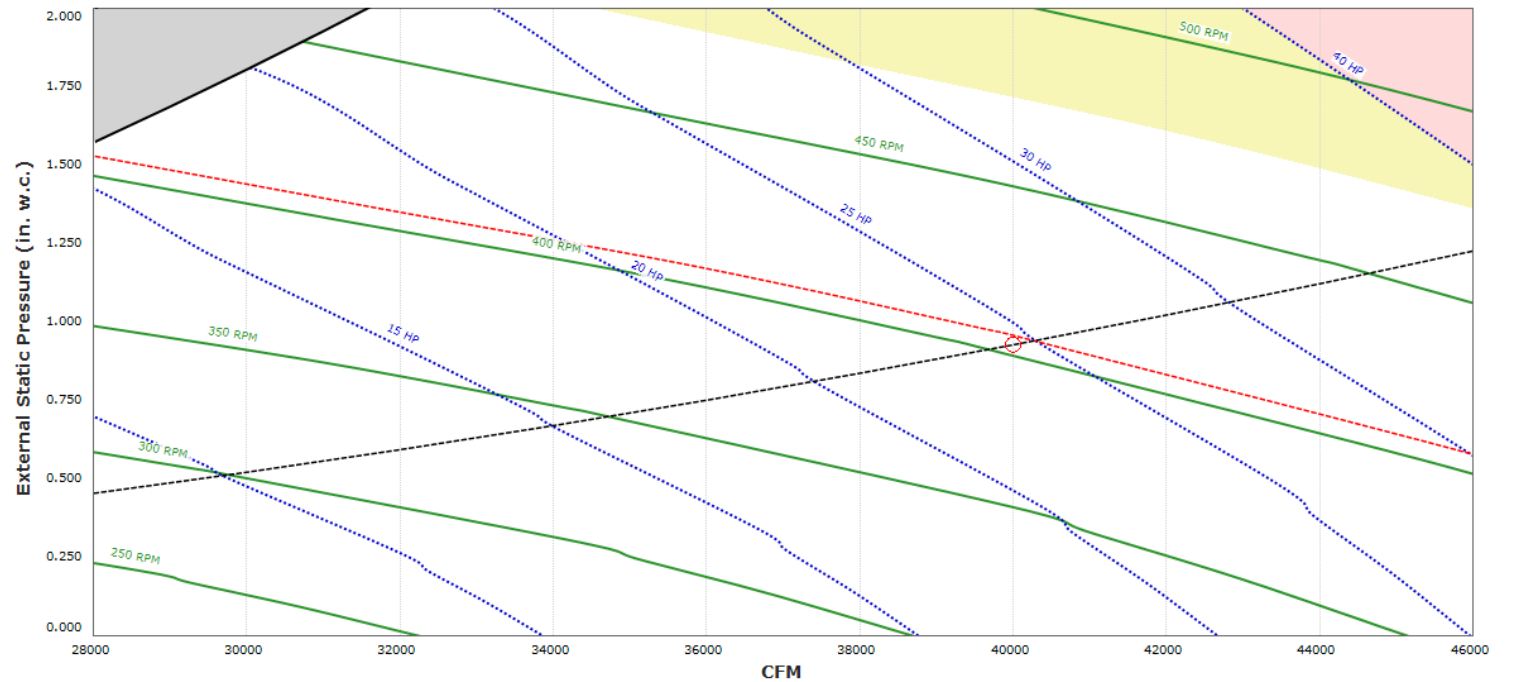


TTV 36 (#1) Weight: 4685 lbs./605 stand

Vertical industrial heater with 120" of burner and 36" blower.



SUPPLY MOTOR

Model DHP0404 • 40.000 HP, 3 Phs, 460 V, 60 Hz, 46.3 FLA, ODP, Premium (E-Plus3) Eff.

SUPPLY MOTOR PULLEYS

Part Type	Qty	Browning #	Turns Out
Belt	3	5VX1150	
Blower Pulley	1	3B5V278	
Motor Pulley	1	3B5V66	-1.0

BURNER

Min Output BTU:	183,333 BTU/Hr
Max Output BTU:	5,500,000 BTU/Hr
Size:	120" long
Gas Type:	Natural

SUPPLY PERFORMANCE

Volume:	40000 CFM	RPM:	406
Tip Speed:	3826 ft/min	BHP:	24.6760
Static Pressure:	0.928" w.g. (0.500" Ext. + 0.221" Int. + 0.207" Opt.)		

BLOWER

BLOWER 36" - Enamel finish, pillow block bearing, 0-58000 CFM, 60 HP, 2 7/16 x 70" Shaft, 550 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 - 63.63" Width X 107.25" Length X 32" Height for Vertical Industrial, Standard 2" EZ Filter With Filter Intake Screen, Max CFM = 54,000

AIRFLOW DIRECTION

- Side Discharge - Air Flow Left -> Right

FILTERS

- 15x MV EZ Kleen Metal Mesh Filter. 20"x 25"x 2" Used for heater and supply fan intakes. (3416)
- 15x 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 5 Industrial Vertical Heaters (Outdoor). 70" Wide x 113" Long x 76" High

Altitude:	0 ft
HEATING SCHEDULE	
Altitude:	0 ft
Winter Outdoor Air Dry Bulb Temp:	10.0°F
Temp Rise:	110.0°F
Output BTU:	4,752,000 BTU/Hr
Input BTU:	5,165,217 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:	59.0 Amps MCA • 100 Amps MOP • 460 V • 6 AWG Wire Min.
SCCR:	65 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 5 Industrial Vertical unit with 33 or 36 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 5 Vertical Industrial With 36" 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 Five 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 5 Vertical industrial units with 36" blowers. Includes actuator.
- Auto Balance Exhaust VFD Static Pressure Control (preset to: -0.01 and 0.02)
- To control following motor(s):
- 25.00 HP, 3 Phs, 460 V, 29.4 FLA
- Variable Frequency Drive - 25 HP Max., 480 V, Three Phase, 34 A Max., NEMA 1 Enclosure PART NEEDS PROGRAMMING
- Size 5 Vertical Heater VAV Profile and Wiring Package w/ Constant Speed Control or Analog Input Control
- Supply Variable Frequency Drive - 40 HP Max., 480 V, Three Phase, 50 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 4675000 - 6874999 - 1 lb. - 5 lb., No Insurance Requirement (ANSI), BV250-1616, 2" connection

TTV 36 SOUND (406 RPM) AT 5 FT. IN OCTAVES:							
1	2	3	4	5	6	7	8
94.9	95.1	94	94.9	94.7	93.3	90.7	85.9
LWA:	99.7	Sones:	65.1	DBA:	88.2		

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

