

HEATING SCHEDULE

Altitude:	840 ft
Winter Outdoor Air Dry Bulb Temp:	24.0°F
Temp Rise:	60.0°F
Output BTU:	2,177,280 BTU/Hr
Input BTU:	2,366,609 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:	31.5 Amps MCA • 50 Amps MOP • 460 V • 8 AWG Wire Min.
SCCR:	65 kAmp

FILTERS

PRMH20251492

- 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)

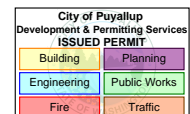
CONFIGURED OPTIONS

- 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. 1" Connection
- 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
- Freezestat
- Low Fire Start. Allows the burner circuit to energize when the modulation control is in a low fire position.
- Clogged Filter Switch with Notification on HMI
- Exhaust Relay Before Airflow Switch. Provides 2 sets of NO to be used as a start command interlock for exhaust fans.
- CASLink building monitoring system communications module. Requires internet & field wired ethernet connection or 3G cellular service. Includes Rev 3 Comm Module, RJ45 to modbus converter, 3 FT cat5 cable, and 1 FT of shielded twisted pair.
- Option for 2nd high temperature limit switch for single blower industrials
- External Side Discharge CD60 Damper for size 5 Vertical industrial units with 36" blowers. Includes actuator.
- Size 5 Vertical Heater VAV Profile and Wiring Package w/ Constant Speed Control or Analog Input Control PCB
- Supply Variable Frequency Drive - 20 HP Max., 400/480 V, Three Phase, 31.0/27.0 A Max., NEMA 1 Enclosure PART NEEDS PROGRAMMING
- VFD factory mounted and wired on industrial unit control panel.
- Supply Fan Preset Speed Input to PCB. Field Wired.
- Industrial GM - BTU 2200000 - 2749999 - 1 lb. - 5 lb., No Insurance Requirement (ANSI), BV250-88

CFA 36 SOUND (355 RPM) AT 5 FT. IN OCTAVES:

	1	2	3	4	5	6	7	8
	92.5	91.1	91.6	91.8	91.8	90	87.3	81.9
LWA:	96.6		Sones:	52.5		DBA:	85.1	

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



PRMH20251492

CORRECTION #2 CUT SHEET