



20 TON VERTICAL PACKAGE UNIT

Unit Performance / Data



General

CAT Class 718-1520
 Manufacturer Custom Air Products & Services, Inc.
 Unit Model Number PPKV-20TD-0NN72KE-5E5-P2-VG2CEUP
 Equipment Insurance Value \$51,000.00
 Duct Connections Flush Tent Mount

Dimensions

Length (Base) 91" (7'-7")
 Width 36" (3')
 Height 96" (8')
 Unit Weight 2,600 Lbs.

**Optional- 2 x 20" Supply Air & 3 x 20" Return Air Duct Adapter is Available*

Electrical

Single Point Power Supply 460V / 3PH / 60HZ
 Connections 8 Cam-Lok connectors

72 kW with courtesy power (Quad Box)

Cooling MCA with 72 kW 76
 Heating MCA with 72 kW 126
 Unit MOCP with 72 kW 150

Fan Performance

CFM	TSP	MOTOR HP
8,000	1.25	7.5

Heating

kW	STAGES	VOLTAGE
72	2	460 / 3 / 60

Filter

SIZE	EFF.	TYPE
(3) 24" x 24" x 2"	30%	Pleated

For more information contact:

Herc Rentals
www.hercrentals.com
 1 (888) 658-1718

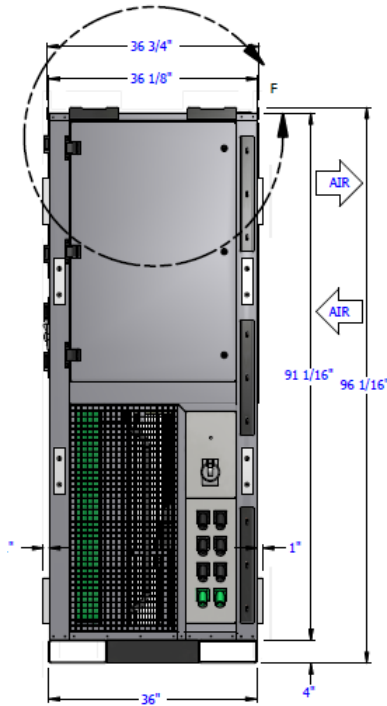
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20 TON VERTICAL PACKAGE UNIT

Unit Drawings



Front View



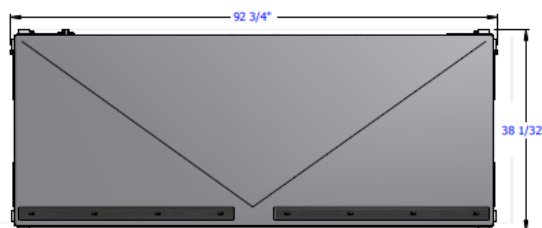
Side View with Dimensional Data



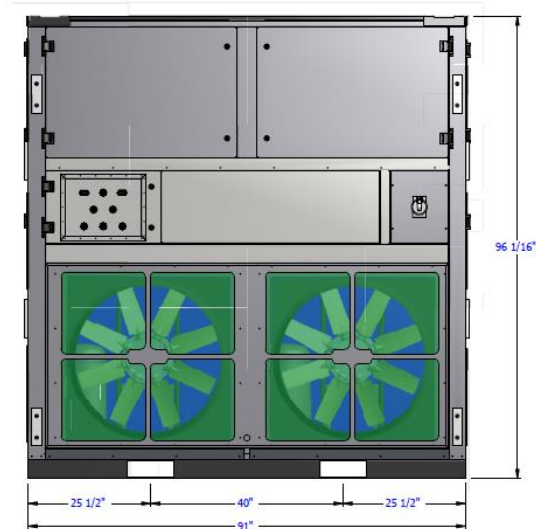
Rear View with Supply and Return Air



Side View



Plan View with Dimensional Data



Front View with Dimensional Data

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20 Ton Vertical Package Unit Features:

- Two (2) stages of refrigeration and heating capacity control
- Dual independent refrigerant circuits with hot gas bypass on each
- Electrical heat (72 kW)
- 8,000 CFM high static fan rated at 1.25 TSP
- 7.5 HP, 1750 RPM motor, TEFC
- VFD air volume control
- Direct drive condenser fans
- Environmentally safe 410A refrigerant
- Easy access panels for efficient serviceability
- Heavy duty skid, dual forklift slots, tie-downs, rugged design built for rental duty
- Corrosion resistant condenser coil guards
- 1" Cabinet insulation
- Stainless steel condensate pan – connection size 3/4" FPT with integrated condensate pump
- Teflon bumper mounted to cabinet
- Integrated tent cramps



**20 Ton Vertical Package Units with
Duct Collar Option**

20 Ton Vertical Package Unit Functions:

- Single point 460V / 3PH / 60HZ power application power connection utilizing four (4) Cam-Locks power cables with additional set of four (4) Cam-Locks for multiple unit power connections
- Panel mounted high voltage circuit breaker
- Main power on indicator light (green)
- Phase monitor and phase fail indicator light (red)
- Heating status and cooling status lights (blue)
- Master On / Off switch lights (amber)
- Low ambient fan cycling control
- Hour meters for each refrigerant circuit
- Micro processor temperature controller and DDC compressor protection module
- Common trouble alarm terminal
- High and low pressure safety switches
- Air flow differential pressure safety switch
- Heater safety control circuit and limits
- Entering air control capability
- One (1) 20A GFI Duplex receptacle
- **Quad box / Transformer-** One (1) L21-20 Amp receptacles with 480 x 120 volt isolation transformer, fuses and circuit breaker to serve as low voltage power source

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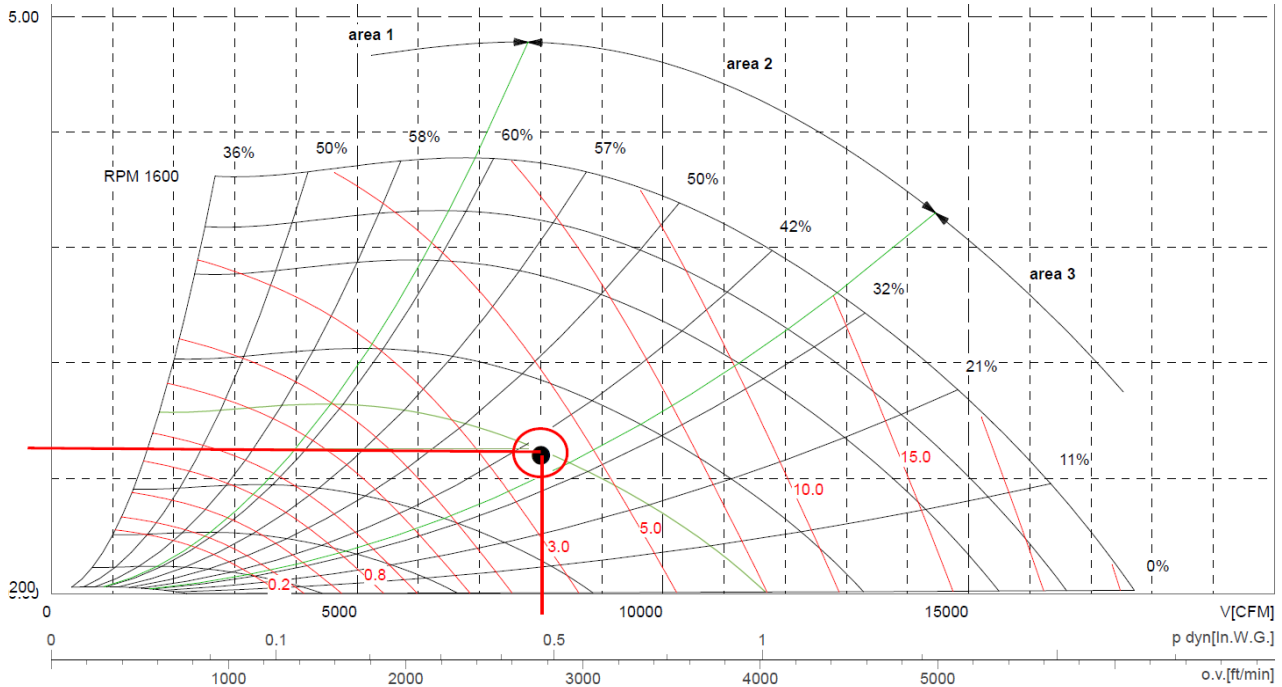
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Operation Performance



Fan Performance

Motor 7.5 HP
 Motor Type TEFC
 Drive Configuration Belt
 Belt Size (2) BX28
 Variable Speed Yes

Cooling Coil Performance

CFM	FPM	EDB/EWB	LDB/LWB	MBH Total	MBH Sens.	ROW/F IN	REFG.	SUCT. TEMP	SUPER HEAT
8,000	517	80.0 / 67.0	57.8 / 56.5	258.5	184.5	3 / 14	410A	45.0	20.0

Equipment specifications are based manufactures published data; capacity may vary based upon field conditions

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