



25 TON PACKAGE UNIT NON-XP NEMA 4

Unit Performance / Data



General

Manufacturer Custom Air Products & Services, Inc.
 Unit Model Number PPKH-25TD-0NN72KE-5E5-P2-G2CEUP
 Equipment Insurance Value \$43,400.00
 Duct Connections 2 x 20" Supply Air & 2 x 20" Return Air

Dimensions

Length (base) 154" (12'-10")
 Width 101½" (8'-5")
 Height 64.5" (5'-4.5")
 Unit Weight 4,600 Lbs.

Electrical

Single Point Power Supply 460V / 3PH / 60HZ
 Connections 4 Cam-Lok connectors

Cooling MCA 72
 Cooling MOCP 100

Heating MCA 118
 Heating MOCP 125

Dehumidification MCA 170
 Dehumidification MOCP 200

Fan Performance

CFM	TSP	MOTOR HP
10,000	2.7	15

Heating

kW	STAGES	VOLTAGE
72	2	480 / 3 / 60

Filter

SIZE	EFF.	TYPE
(12) 12" x 24" x 2"	30%	Pleated

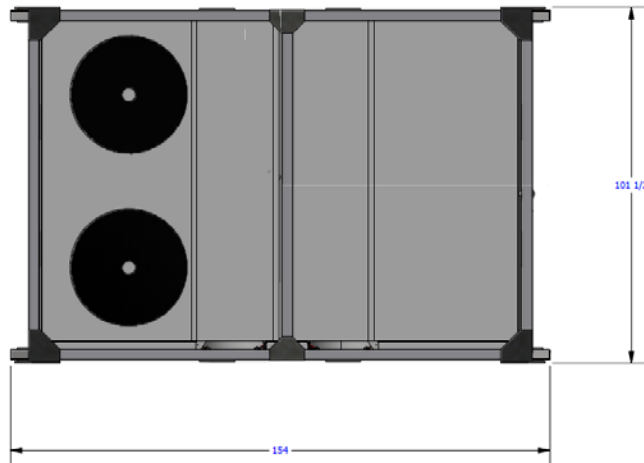
For more information contact:
 Custom Air Products & Services (CAPS)
www.customairproducts.com
 (713) 460-9009

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Unit Drawings / Photos



Plan View with Dimensional Data



Corner View with Duct Connections
and Service Access Panels



Front View; Two (2) Supply & Two (2) Return Air

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Product Data

Air Conditioning Unit Features:

- Dual stage of refrigeration capacity control
- 72 kW electric heating elements
- 10,000 CFM fan rated at 2.7 TSP
- Direct drive condenser fans
- Environmentally safe 410A refrigerant
- Resin condensate pan
- Single condensate connections (size ¾" FPT)
- Easy access panels for efficient serviceability
- Isolated high / low voltage control panels
- Heavy duty skid, forklift slots, tie-downs with coated lifting / stacking cage
- Rugged design built for rental duty
- Corrosion resistant condenser coil guards
- Two (2) 20" outlet & two (2) 20" inlet air duct connections
- Unit mounted thermostat
- DH override switch
- Hot gas bypass

Air Conditioning Unit Functions:

- General purpose electrical classification
- Cooling, Heating and Dehumidification Operation
- Dual point 460V / 3PH / 60HZ power application power connection utilizing four (4) Cam-Lock power cables
- Panel mounted high voltage disconnect
- Main power on indicator light (green)
- Phase monitor and phase fail indicator light (red)
- Master On / Off switch
- Low ambient fan cycling control
- High and low pressure safety switches

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Cooling Performance	
Total capacity	317.0 MBH
Sensible capacity	230.4 MBH
Refrigerant type	R-410A
Efficiency (at ARI)	10.00 EER
Integrated eff. (at ARI)	10.50 IEER
Ambient DB temp.	95.0 °F
Entering DB temp.	80.0 °F
Entering WB temp.	67.0 °F
Leaving DB temp.	58.7 °F
Leaving WB temp.	56.9 °F
Power input (w/o blower)	24.72 kW
Sound power	92 dB(A)
Heating Performance	
Entering DB temp.	60 °F
Heating output capacity (Max)	184.1 MBH
Nominal electric heat	54 kW
Applied electric heat	54.0 kW
Installed	Field
Supply air	10000 CFM
Leaving DB temp.	77.0 °F
Air temp. rise	17.0 °F
Stages	2
Supply Air Blower Performance	
Supply air	10000 CFM
Ext. static pressure	2.0 IWG
Addl. Unit Losses (Options/Accessories)	0.45 IWG
Blower speed	1249 RPM
Max BHP of Motor (including service factor)	17.25 HP
Duct location	Side
Motor rating	15.00 HP
Actual required BHP	12.82 HP
Power input	10.51 kW
Elevation	0 ft.
Drive type	BELT

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

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