



80 TON INDUSTRIAL AC UNIT – NEMA 4 & 7

Unit Performance / Data



General

CAT Class	NEMA 4: 718-2300 / NEMA 7: 718-2305
Manufacturer	Custom Air Products & Services, Inc.
Unit Model Number NEMA 4	PPKH-80TD-0NN0NN-5E5-P2-S1CEUP
Unit Model Number NEMA 7	PPKH-80TD-0NN0NN-5B2-P2-S1CEUP
Equipment Insurance Value	\$137,000.00
Duct Connections	3 x 20" Supply Air & 4 x 20" Return Air

Dimensions

Length	216" (18')
Width	82" (6'-10")
Height	100 ¼" (8'-4")
Unit Weight (N4)	9,800 Lbs.
Unit Weight (N7)	10,250 Lbs.

Electrical

Single Point Power Supply Connections	460V / 3PH / 60HZ 4 Cam-Lok connectors
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Cooling MCA	166
Cooling MOCP	200

Fan Performance

CFM	TSP	MOTOR HP
10,000	6	15

Filter

SIZE	EFF.	TYPE
(4) 24" x 24" x 2"	30%	Pleated

For more information contact:

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



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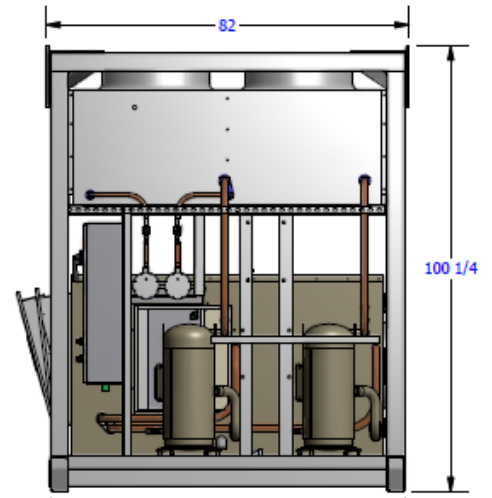
Unit Drawings / Photos



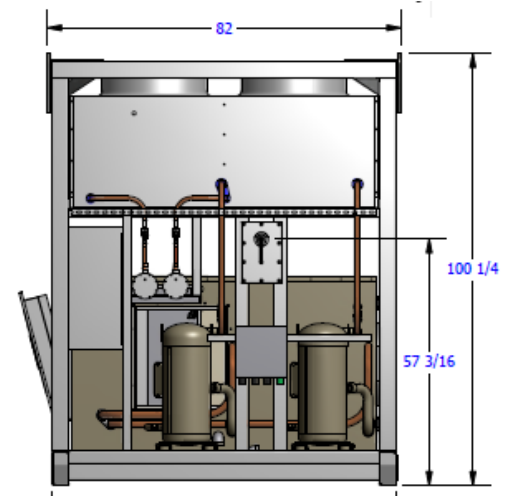
Control Panel & Four (4) Return Air – NEMA 4



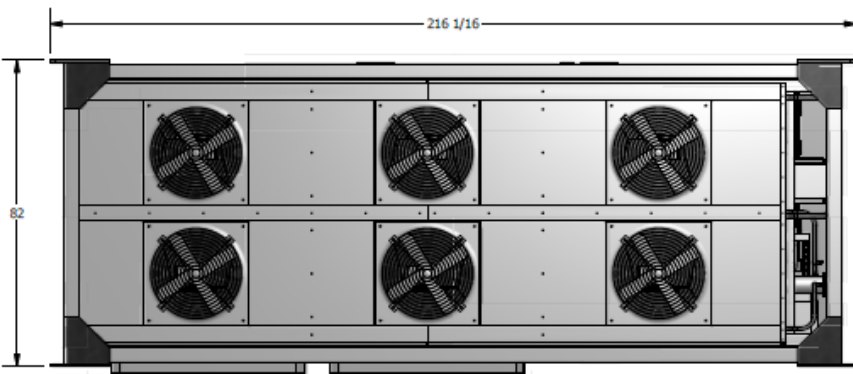
Control Panel & Four (4) Return Air – NEMA 7



Plan View – NEMA 4



End View – NEMA 7



Plan View – NEMA 4 & 7

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Product Data

Air Conditioning Unit Features:

- 10,000 CFM high static plenum fan rated at 6 TSP
- 100% outside with three (3) 20" supply duct connections and four (4) 20" return air duct connections
- Two (2) stages of refrigeration capacity control
- Dual independent refrigerant circuits
- Dual circuit hot gas bypass
- Direct drive condenser fans
- Environmentally safe 410A refrigerant
- Stainless steel condensate pan
- Dual condensate connections (size 1¼" FPT)
- Easy access panels for efficient serviceability
- Isolated high / low voltage control panels
- Double wall evaporator cabinet construction
- Heavy duty skid, forklift slots, tie-downs with coated lifting / stacking cage (Option: stack and cage to be hot dipped galvanized)
- Rugged design built for rental duty
- Corrosion resistant condenser coil guards
- Custom coatings / colors

Air Conditioning Unit Functions:

- NEMA 4 to meet General Purpose Electrical Classification
- NEMA 7 model is suitable for explosion hazardous classification to meet Class 1, Division 2, Group C & D, T3
- Single 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)
- Circuit #1 and #2 cooling failure alarm light (red)
- Master On / Off switch
- Low ambient fan cycling control
- High static evaporator fan
- Hour meters for each refrigerant circuit
- DDC compressor protection module
- Common trouble alarm terminal
- High and low pressure safety switches
- Micro processor temperature controller
- Entering and leaving air control capability
- Refrigerant isolation valves, sight glasses and filter driers

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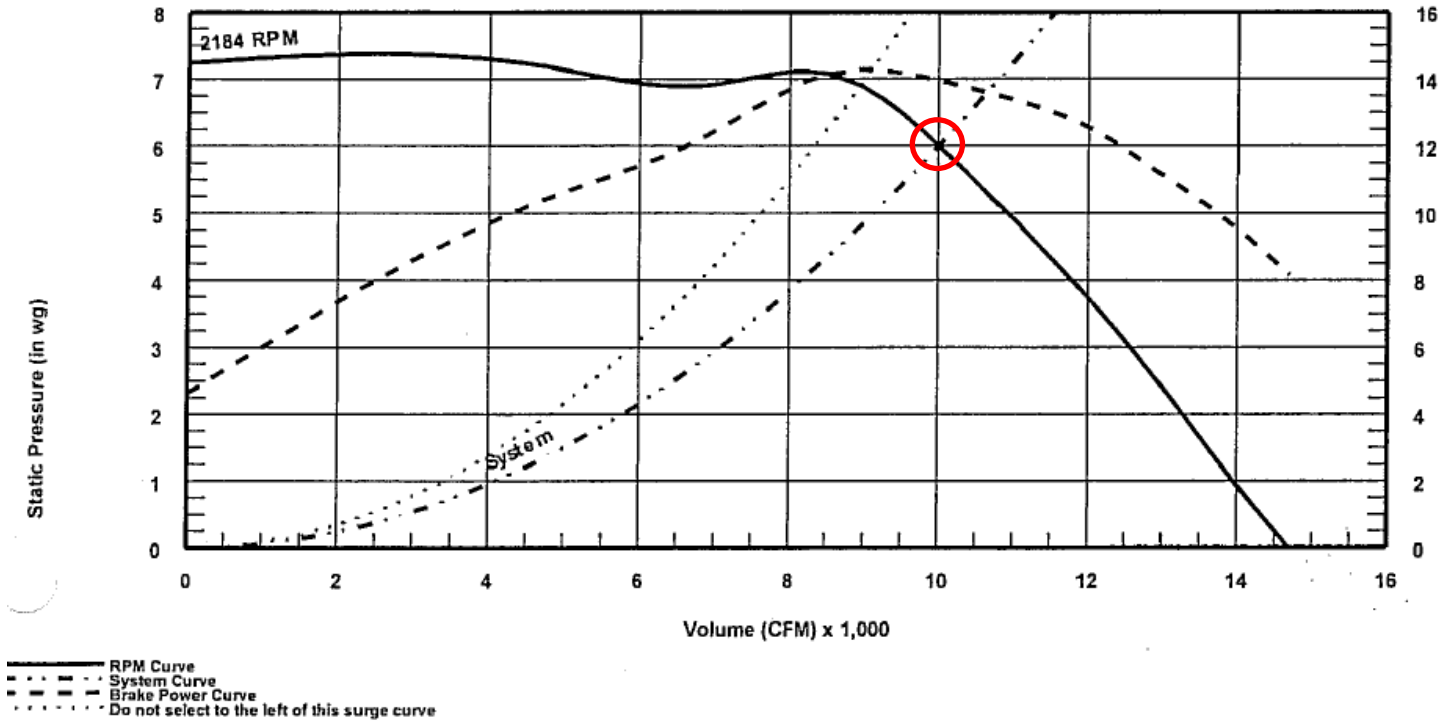
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Unit Performance/Data



Cooling Coil Performance

CFM	FPM	EDB/EWB	LDB/LWB	MBH Total	MBH Sens.	ROW/F IN	REFG.	SUCT. TEMP	SUPER HEAT
10,000	440	95.0 / 80.0	53.1 / 52.8	978.2	454.9	8 / 14	410A	45.0	20.0

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

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