



## 120 TON PORTABLE AIR HANDLING UNIT

Unit Performance / Data



### **General**

|                           |                                      |
|---------------------------|--------------------------------------|
| CAT Class                 | 718-2650                             |
| Manufacturer              | Custom Air Products & Services, Inc. |
| AHU Model Number          | PAHH-120TC-0NN0NN-5E5-P2-VG2CEUP     |
| Equipment Insurance Value | \$57,000.00                          |
| Filter Requirements       | (12) 24" X 20" X 2"                  |

### **Electrical**

|                                    |  |
|------------------------------------|--|
| Certification                      | ETL Listed                               |
| Single Point Power Supply          | 460V/3PH/60HZ                            |
| Connections                        | 1 @ Series 16 Male per conductor         |
| Min. Circuit Ampacity (MCA)        | 35 (MCA must be used for circuit sizing) |
| Max. Overcurrent Protection (MOCP) | 60                                       |

### **Air Handling Dimensions**

|               |                   |
|---------------|-------------------|
| Length (Cage) | 151.5" (12'-7 ½") |
| Length (Base) | 144" (12'-0")     |
| Width         | 101" (8'-5")      |
| Height        | 63.25" (5'-3 ¼")  |
| Unit Weight   | 5,600 Lbs.        |

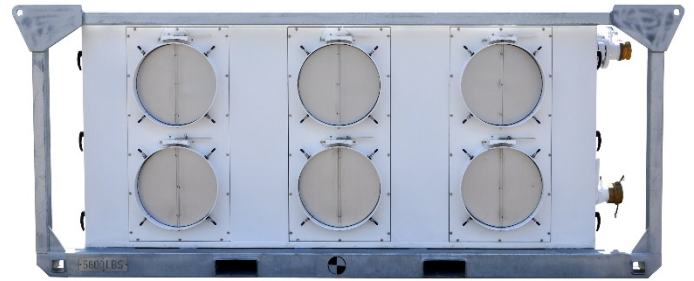
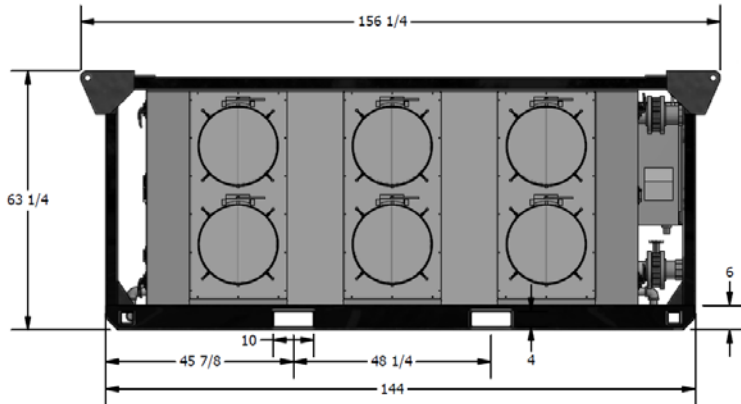
**For more information contact:**  
**Herc Rentals**  
**www.hercrentals.com**  
**1 (888) 658-1718**

*More unit performance data on page 4*



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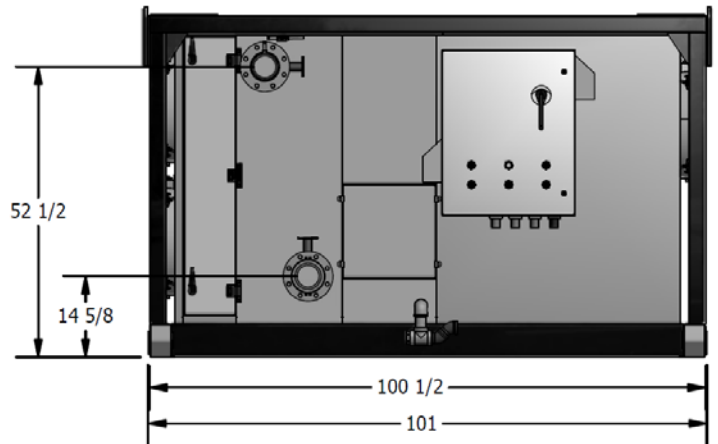
Unit Drawings / Photos



Six (6) 20" Return Air Connections



Four (4) 20" Supply Air Connections



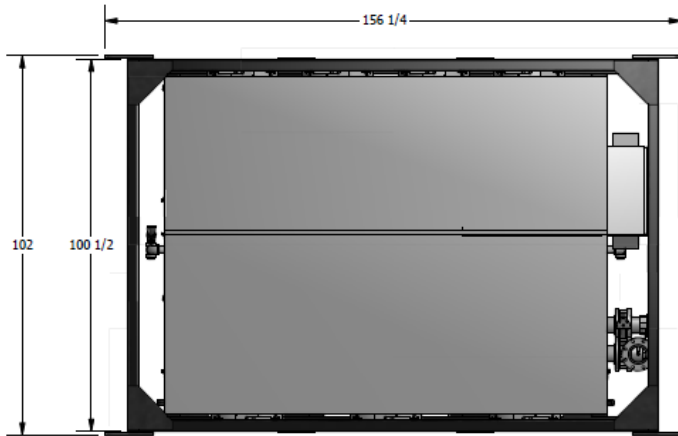
Chilled Water & Electrical Connections with Dimensional Data

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Product Data



Plan View with Dimensional Data



Chilled Water & Electrical Connections

### Unit features

- Custom Air Products & Services, Inc. custom fabricated and ETL certified unit
- Hot dip galvanized structural lifting/stacking skid and integrated tie-downs
- (4) 20" Standard discharge collars with adjustable seven position quadrant damper
- (6) 20" Standard return collars with adjustable seven position quadrant dampers
- High performance airfoil plenum fan sized for 15,000 CFM
- 460V/3PH/60HZ 20HP TEFC motor with potentiometer VFD for variable air flow application
- 4" Dixon brass quick connect couplings (Inlet & Outlet)
- Chilled water temperature and pressure indication (Inlet & Outlet)
- 4" Butterfly Valve (Inlet & Outlet)
- Integrated control panel with cam-lock power connections, circuit breaker, magnetic starter, potentiometer for VFD control, OFF/Auto two position switch, Power On indicator light and Phase Incorrect indicator light

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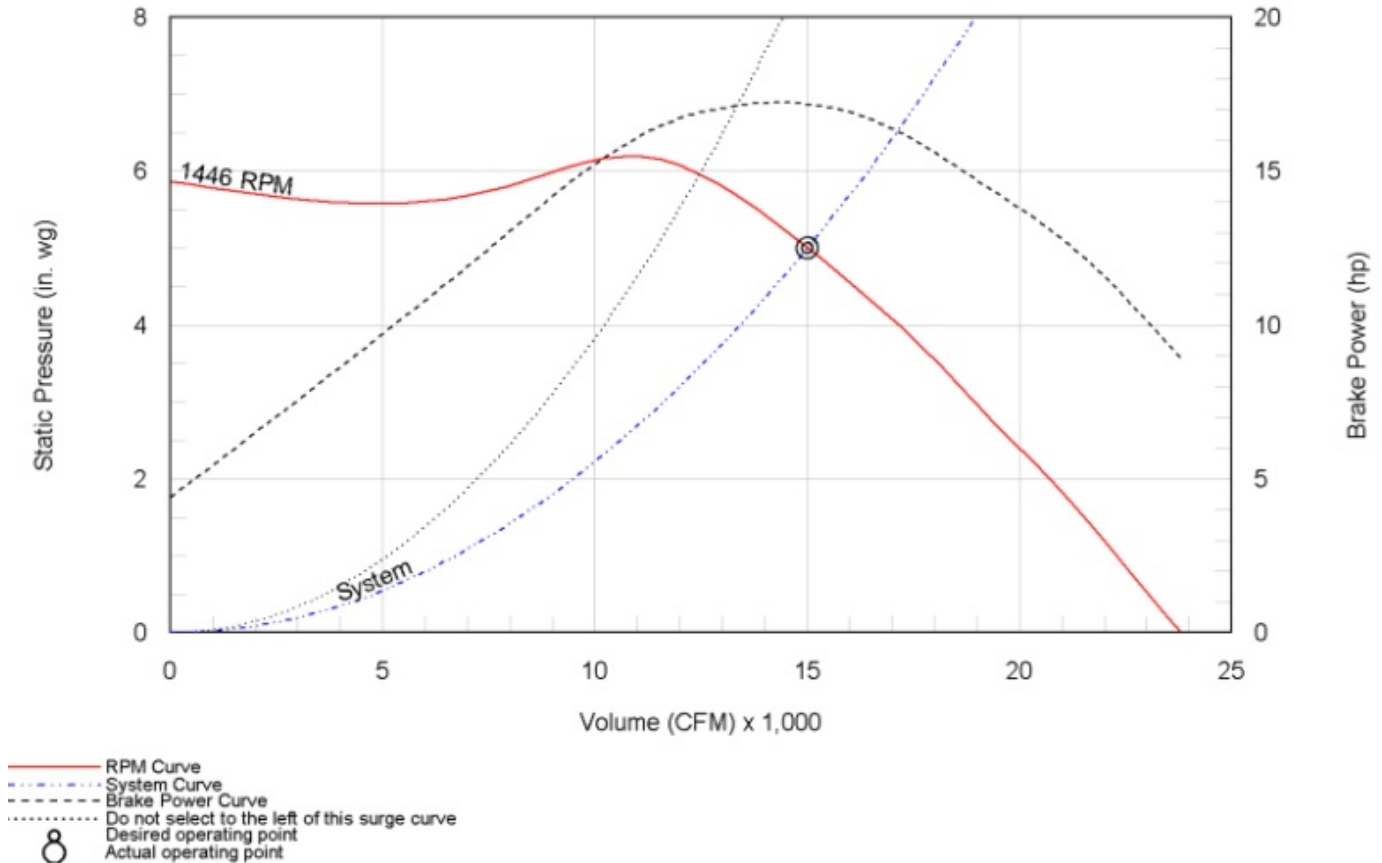
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### Coil Performance

| CFM    | FPM | EDB/EWB   | LDB/LWB   | MBH Total | MBH Sens. | ROW/FIN | EWT | LWT  | GPM   |
|--------|-----|-----------|-----------|-----------|-----------|---------|-----|------|-------|
| 15,000 | 481 | 95.0/80.0 | 52.9/52.8 | 1,462.0   | 690.6     | 8/11    | 45  | 55.2 | 287.0 |

### Fan Performance

|                     |       |
|---------------------|-------|
| Motor               | 20 HP |
| Motor Type          | TEFC  |
| Drive Configuration | Belt  |
| Belt Size           | TBD   |
| Variable Speed      | Yes   |

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

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