



RENTAL SYSTEMS



Unit Arrangement - Dimensions are Approximate

88,000 CFM Air Handler

General Description and Features

- Ready for operation with minimal setup
- Two point power connection
- Forkliftable
- Inlet Air Filters
- Variable speed drives for each 50HP motor

Equipment Data

Model 88K AHU

Shipping Data

Shipping Weight 19,900 lbs
Dimensions 25'-6" L x 8' W x 9'-6" H
Leveling Required Yes
Installed Clearances 8' (inlet), 4' (electrical)

Mechanical Data

Air Flow 88,000 cfm @ 1" ESP
Supply Duct (4) 40" ducts
Return Duct NA
Filter Size (40) 24"x24"x2"
Water Connections (4) 4" 150psi RF Flange in/out
Coil Volume / Pressure 150 psig

Electrical Data (Dual Disconnect)

Voltage 460 V / 3 phase / 60 hertz
Disconnect Size 100 amps / 100 amps
Connection Leviton Series 16 Camlock
Cables Circuit 1 1/0 – (1) Set, (1) Ground
Cables Circuit 2 1/0 – (1) Set, (1) Ground
FLA / MCA circuit 1 65 amps / 81 amps
FLA / MCA circuit 2 65 amps / 81 amps

Performance Data

<p>Cooling Air 88,000 cfm Inlet 95°F DB / 78°F WB Outlet 65°F saturated</p> <p>Max flow for all coils 1234gpm for 6fps fluid vel Design flow for coils 238gpm for 4.62fps vel</p>	<p>Air Flow 50,000 cfm @ 8" wc ESP Air Flow 70,000 cfm @ 5" wc ESP Air Flow 88,000 cfm @ 1" wc ESP Min flow for all coils 616gpm for 3fps fluid vel</p>
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