CATERPILLAR®

25-Ton Rental Air Conditioning Unit 60 Hz

SPECIFICATIONS

Model DX250
Size — h x w x l . . . . . 8' 6" x 8' x 10' 6"
Construction . . . Modified ISO shipping container
Usage . . . . . Rental
Operable Damper (Manual)
Fresh Air Inlet . . . . . 24" w x 36" h (openings on end)
Return Air Inlet . . . . . (2) 20" dia.
Supply Air Inlet. . . . . (2) 20" dia.
Filters . . . . . 2"/30% Efficient
Total Weight — lbs. 7500

FEATURES

- **Industrial grade construction**
- **Washable filters**
- **Multiple air supply and return connections**
- **Tonnage rated at ARI conditions: 95° F ambient, 80 DB/67 WB °F entering air temperature**

TECHNICAL DATA

Electrical Data	480 Volts/3 phase/60 Hertz
Total Full Load Amps	
Cooling Only	78 amps
Heating Only	103 amps
Cooling or Heating	103 amps
Humidity Control (Simultaneously cooling and heating)	158 amps
System Control	
ISN[1] Millenium LDC[2]	
Direct digital control center	Optional
Electromechanical system control	Standard
Fan control	VIV[3] (VFD[4] Optional)
O. A. Damper[5]	Manual
Dehumidification	Standard
Humidity control	Optional
Space temperature control	Standard
Discharge air temperature control	Standard
Fan Data	
Design air flow	8000 cfm
Design TSP[6]	6.0 inches
Fan type	Plenum
Fan control option	VIV
Motor hp/rpm	15/1750
Cooling Data	
Design capacity	25 tons
Design conditions	
Air flow	8000 cfm
Ent. air temp. (DB/WB[7])	80/67° F
Lvg. air temp. (DB/WB)	55.7/54.0° F
Coil construction	copper tube/aluminum fin
Rows per inch	6
Fins per inch	8-12
Heating Data	Optional
Type	Electric
Capacity	66 kW
Heating	225.0 MBH[8]

[1]Integrated System Network
[2]Local Digital Control
[3]Variable Inlet Vane
[4]Variable Frequency Drive
[5]Outside Air Damper
[6]Total Static Pressure
[7]Dry Bulb/Wet Bulb
[8]1000 BTU/Hour

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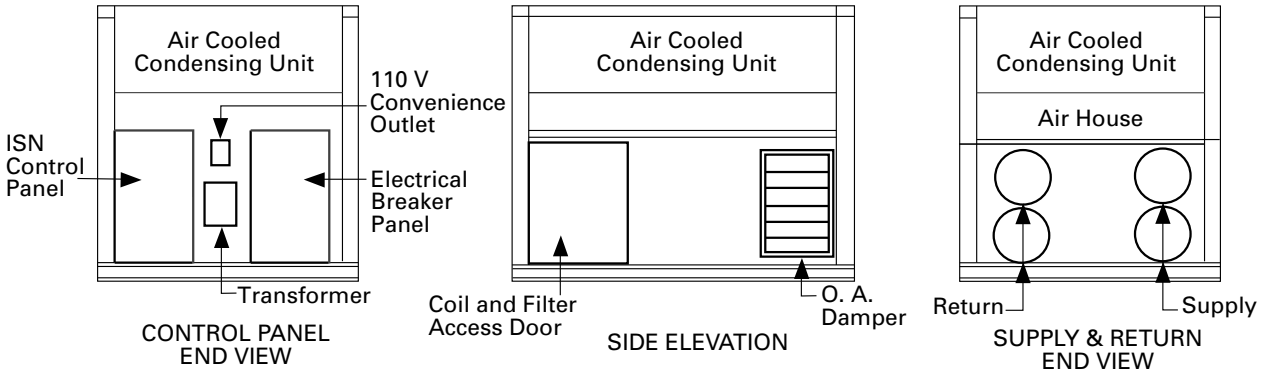
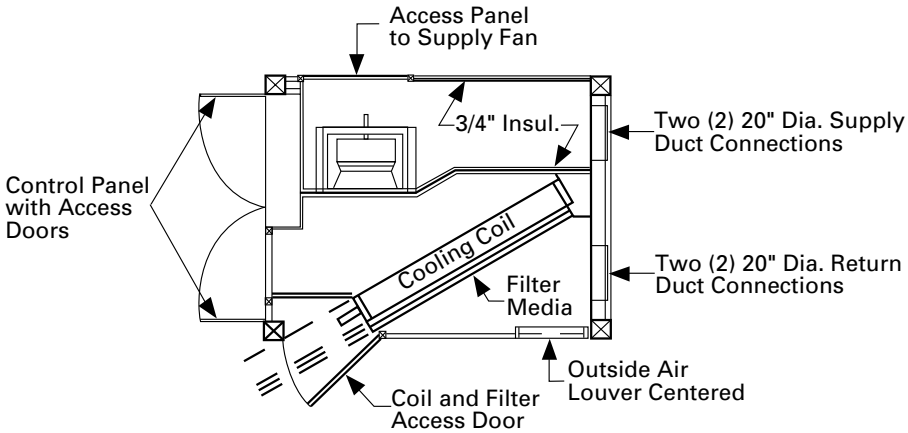
DIMENSIONS





AIR HANDLING UNIT FLOOR PLAN

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