



60-Ton Rental Air Conditioning Unit 60 Hz



SPECIFICATIONS

Model DX600
 Size — h x w x l 8' 6" x 8' x 20'
 Construction ... Modified ISO shipping container
 Usage..... Rental
 Operable Damper (Manual)
 Fresh Air Inlet..... 24" w x 48" h
 (openings on end)
 Return Air Inlet..... (4) 20" dia.
 Supply Air Inlet (4) 20" dia.
 Filters..... 2"/30% Efficient
 Unit Weight — lbs..... 11 000
 Chassis Weight — lbs 6100

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	157 amps
Heating Only	192 amps
Cooling or Heating	192 amps
Humidity Control (Simultaneously cooling and heating)	307 amps
System Control	
ISN ¹ Millennium LDC ²	Standard
Direct digital control center Electromechanical system control	N/A
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	17 000 cfm
Design TSP ⁶	6.0 inches
Fan type	Plenum
Fan control option	VIV
Motor hp/rpm	30/1750
Cooling Data	
Design capacity	60 tons
Design conditions	
Air flow	17 000 cfm
Ent. air temp. (DB/WB ⁷)	80/67° F
Lvg. air temp. (DB/WB)	54.6/53.2° F
Coil construction	copper tube/aluminum fin
Rows per inch	6
Fins per inch	8-12
Heating Data	
Type	Standard Electric
Capacity	125 kW
Heating	427.0 MBH ⁸



¹Integrated System Network

²Local Digital Control

³Variable Inlet Vane

⁴Variable Frequency Drive

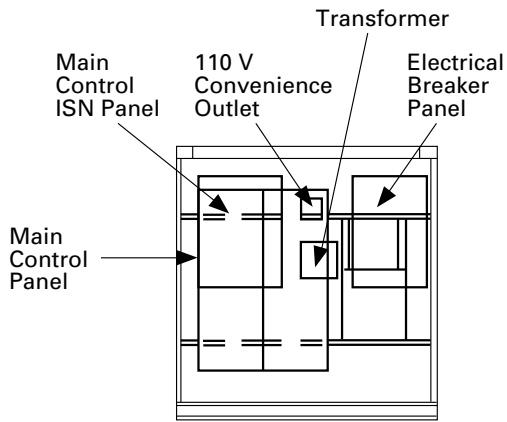
⁵Outside Air Damper

⁶Total Static Pressure

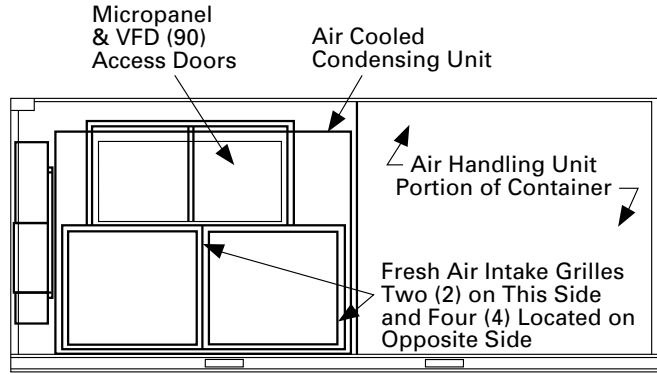
⁷Dry Bulb/Wet Bulb

⁸1000 BTU/Hour

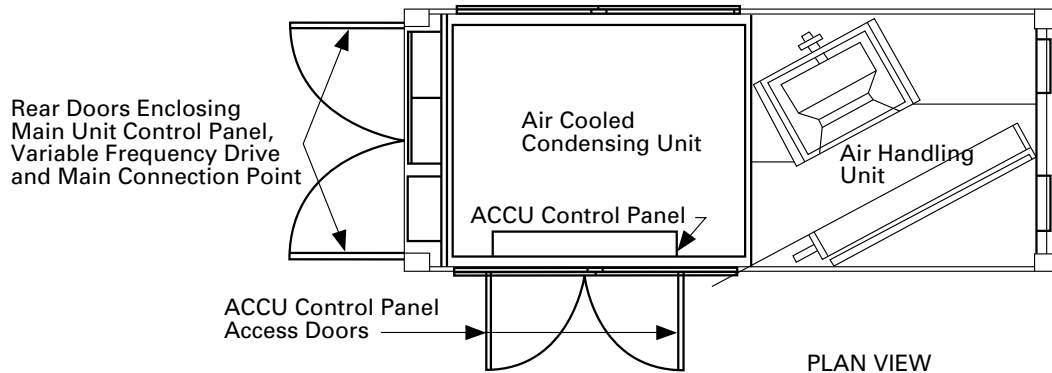
DIMENSIONS



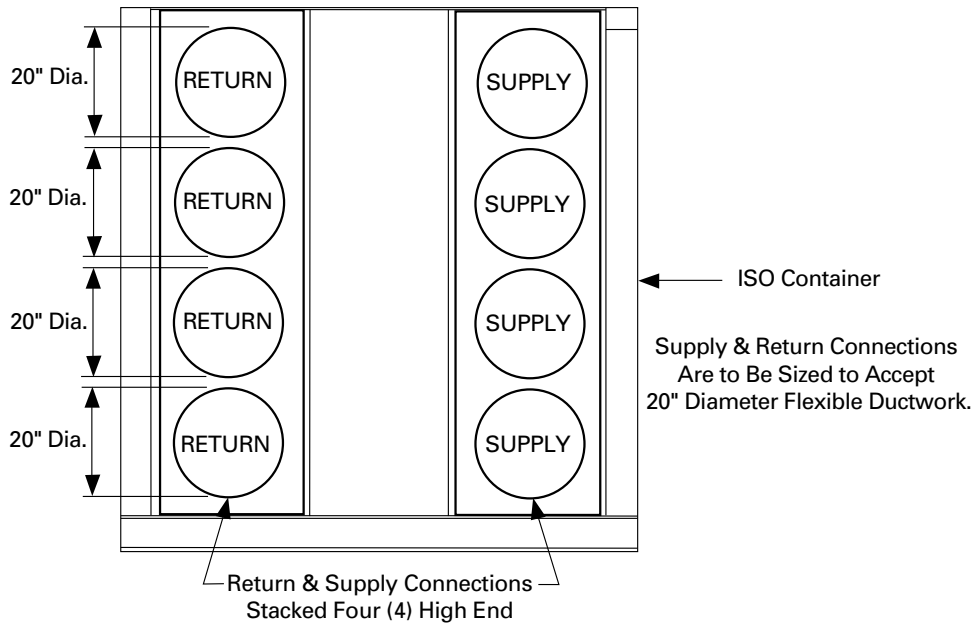
CONTROL END VIEW



ELEVATION — ACCU CONTROL PANEL SIDE



PLAN VIEW



DUCT CONNECTION END VIEW