

RENTAL MODULE

90 Ton

Cat®/York® air conditioning units are self-contained and provide conditioned air for outdoor rental applications. Each unit includes: York air conditioning unit (scroll compressor), with a weather-resistant microprocessor control center, heating element, and 110 V convenience outlet mounted within a reinforced industrial rugged rental-ready ISO container for increased durability and strength that includes heavy-duty safety grating condenser protection. Units designed in accordance with industry guidelines and third party safety and quality standards.

TECHNICAL SPECIFICATIONS

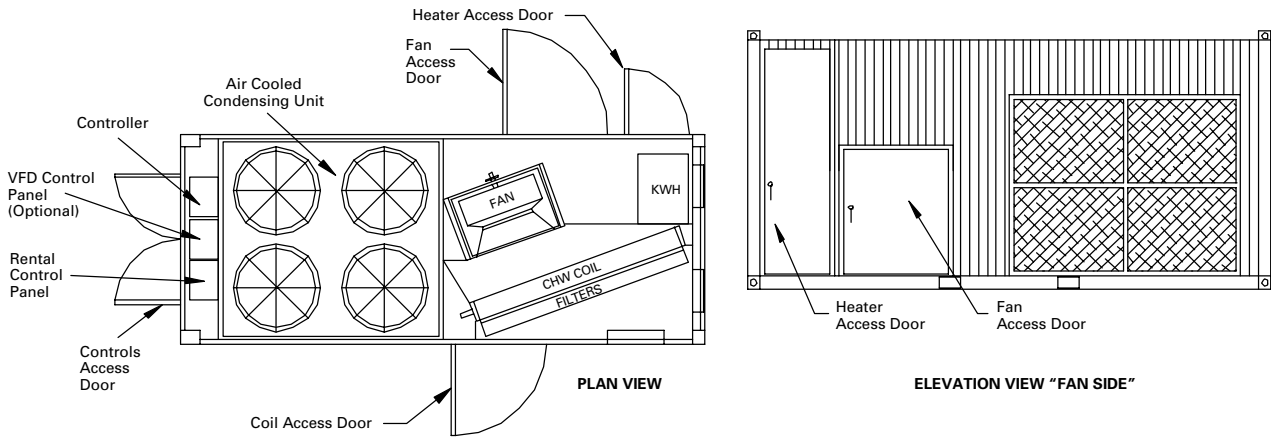
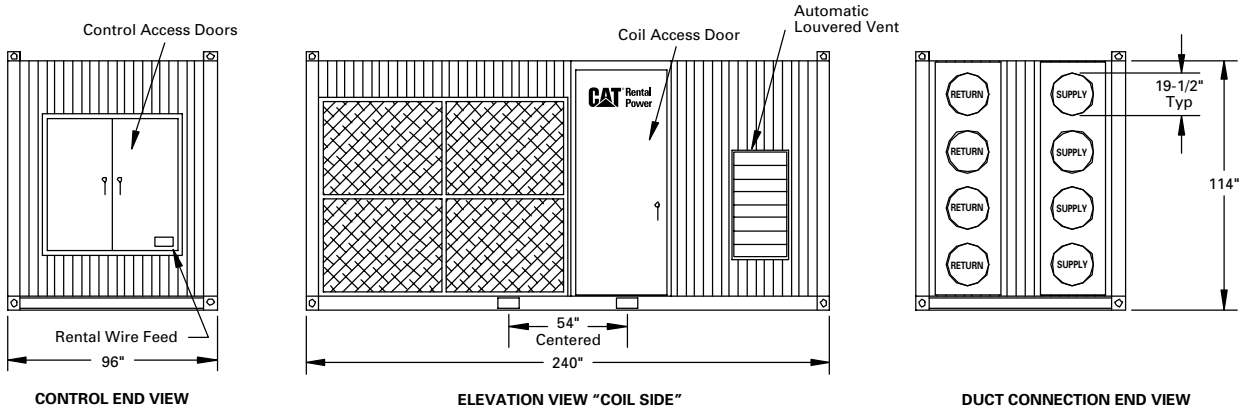
Model.....	DX90
Dimensions — ft (m)	
Length.....	20' (6.10)
Width.....	8' (2.44)
Height.....	9' 6" (2.90)

Total shipping weight — lb (kg).....	19,932 (9049.1)
Duct connections (8) — in (mm).....	19.5 (495.3)
Filters.....	2" (30% efficient)
Single point power supply.....	460 volt, 3-phase, 60 hertz with ground

TECHNICAL DATA

Electrical Data		460 Volt/3-Phase/60 Hz with Ground
Total full load amps or running load amps		
Cooling only	amps	235
Heating only	amps	368
Humidity control (simultaneous cooling and heating)	amps	538
Minimum circuit ampacity (cooling only)	amps	251
System Control		
Direct digital control center		Standard
Outside air damper		Manual
Dehumidification		Standard
Humidity control		Optional
Space temperature control		Standard
Discharge air temperature control		Standard
Fan Data		
Design air flow	cfm (m ³ /min)	26,000 (736.24)
Design total static pressure	in (mm)	8.0 (203.2)
Fan type		Plenum
Fan control		VFD
Motor power/speed	hp/rpm	60/1725
Cooling Data		
Design capacity	tons	90
Design conditions:		
Entering air temperature (dry bulb/wet bulb)	°F (°C)	80.0/67.0 (26.6/19.4)
Leaving air temperature (dry bulb/wet bulb)	°F (°C)	55.7/54.0 (13.2/12.2)
Coil construction		Copper Tube/Aluminum Tube
Rows		6
Fins per inch		12
Heating Data		
Type		Electric
Capacity	kW	250
Heating	MBH	854

DIMENSIONS



Consult your Caterpillar representative for more details.

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