



CPS 185 CDU

Utility Mount Air Compressor

Compressor Data	
Free Air Delivery @ Normal Working Pressure	CFM 185
Normal Working Pressure	PSI 100
Maximum Unloading Pressure	PSI 125
Minimum Working Pressure	PSI 58
Compression Stages	1
Compressor Cooling System	AIR /OIL
Air Receiver Capacity	3.18 US gallons
Approximate Air Outlet Temperature	100 F ABOVE AMBIENT (Standard)
Outlet Valve Configuration	2 X ¾" with Claw Coupling
Sound Pressure Level at Normal Working Pressure and Maximum Load Speed	Max. 76 dB(A) @ 23 Feet
Support mounted dimensions (SKID) :	
Length	84" enclosure / Over all 86.5"+ 6" for Y valves
Width	33.5" allow clearance for side doors/service.
Height	Height 48.64" enclosure / 59.93" top of exhaust.
Weight (filled with oil & coolant , without fuel)	2040 Pounds
Weight (wet)	2200 Pounds
Maximum Ambient Temperature	125° F *
Maximum Relative Humidity	85% *
Maximum Altitude	8,500 Feet *
Minimum Starting Temperature (w/o assist)	18° F



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Diesel Engine Data	
Engine Manufacturer	CAT
Model Number	C2.2 (Tier 4 Final)
Horsepower Developed @ Rated Speed	49 HP @ 2750 RPM
Engine Type	Inline Four Cycle Diesel w/ Direct Fuel Injection
Number of Cylinders	4
Aspiration	Naturally Aspirated
Bore x Stroke	3.39 x 4.13 in
Displacement	149 cu in
Compression Ratio	18:1
Cooling System	Water / (PARCool)
Engine service interval	500 hr
Maximum Loaded Speed	2750 RPM
Unloaded Speed	1600 RPM
Fuel Consumption @ 0% Load	1.0 Gallons per Hour
Fuel Consumption @ 100% Load	2.7 Gallons per Hour
Electrical System	12V Negative Ground
Battery Capacity	1 x 110 Ah
Cold Cranking Current (Per DIN 72311)	725 CCA
Capacities	
Engine Oil Capacity	2.5 Gallons
Engine Coolant Capacity	2.5 Gallons
Compressor Oil Capacity	2.0 Gallons
Fuel Tank Capacity (Standard)	25 Gallons

** Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations
Design and specifications are subject to change without notice or obligation*