## AIRMAN.

MOBILE AIR COMPRESSORS



### PDS185LS

**UTILITY MOUNT** 

185 cfm @ 100 psi

# Discount Equipment

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#### PERFORMANCE //

- 1 Key Start & Digital Monitor
- 2 Quick Access Air Connections
- 3 Emergency Shut-off Button
- 4 E2 Airflow Technology
- 5 QuieTech™ Sound Attenuation
- 6 Direct Coupled Engine to Air

#### MAINTENANCE //

- 7 Large Panel Doors
- 8 Curbside Service Drains
- 9 Air Filter Access Door
- 10 23.2 Gallon Fuel Tank
- 11 Heavy-Duty 12V Battery
- 12 Fuel & Pre-Filters

#### **CONSTRUCTION** //

- 13 Stainless Steel Hardware
- 14 Lockable Access Doors
- 15 Integral Lifting Bail
- 16 Powder-coated Steel Enclosure
- 17 Automotive Door Seals
- 18 Skid Utility Mount



1 | Keyed Start and Digital Monitor with fuel-saving Auto Idle Mode



2 | Air Connections 3/4" Male Ball Valve x 2



8 | Exterior Service Drains Quick drain valves for Fuel, Oil Cooler, Radiator and Engine Oil fluids

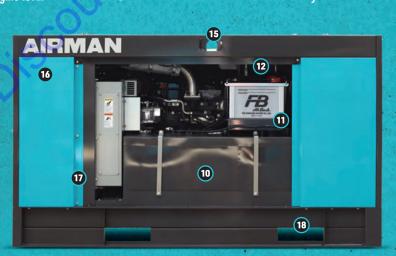


9 | Air Filter Access Door Easy access for fast filter replacement



Yanmar® 4TNV88C Tier 4 / CARB Diesel Engine

Model PDS185LS shown with side panel removed.



## AIR COMPRESSOR MODEL PDS185LS-5E1

AID COMPRESSOR SPECIFICATIONS



AIR COMPRESSOR SPECIFICATIONS	PDS185LS-5E1
COMPRESSOR TYPE	Single-stage Oil Cooled, Screw Type
PRESSURE 185 CFM @ 100 PSI	
ACTUAL FREE AIR DELIVERY	185 cfm
WORKING PRESSURE	100 psig
WORKING PRESSURE (MAXIMUM)	120 psig
WORKING PRESSURE (MINIMUM)	58 psig
COMPRESSOR LUBRICATING OIL CAP.	3.3 gal
COMPRESSOR LUBRICATING SYSTEM	Forced Lubrication by Compressed Air
DRIVING SYSTEM	Direct Drive with Gear Coupling
RECEIVER TANK CAPACITY	5.0 g/min
AIR SERVICE VALVES	3/4" Male Ball Valve x 2
SEPERATION FILTERS	External
OIL COOLER TYPE	Air Pressurized Tube and Fin
COMPRESSOR OIL FILTER	Spin-on Cartridge Type
SOUND dBA RATING	62 dBA
ENGINE MAKE & MODEL	YANMAR® 4TNV88C-DHKS1
ENGINE TYPE	Water-cooled, 4-cylinder, 4-cycle, Direct Injection, Diesel
ENGINE TYPE ASPIRATION	Water-cooled, 4-cylinder, 4-cycle, Direct Injection, Diesel Naturally Aspirated
ASPIRATION	Naturally Aspirated
ASPIRATION NUMBER OF CYLINDERS	Naturally Aspirated 4
ASPIRATION NUMBER OF CYLINDERS ENGINE DISPLACEMENT	Naturally Aspirated 4 133.6 cu in
ASPIRATION NUMBER OF CYLINDERS ENGINE DISPLACEMENT HORSEPOWER RATING (@3000 RPM)	Naturally Aspirated 4 133.6 cu in 45.6 HP / 34.0 kW
ASPIRATION NUMBER OF CYLINDERS ENGINE DISPLACEMENT HORSEPOWER RATING (@3000 RPM) SAE BRAKE HORSEPOWER (@3000 RPM)	4 133.6 cu in 45.6 HP / 34.0 kW 47.6 HP / 35.5 kW

ENGINE MAKE & MODEL (Continued)	YANMAR® 4TNV88C-DHKS1
EPA TIER 4F Carb Emission Certified	Tier 4 Final, Model Year 2023 EPA & CARB Certification
EMISSIONS TIER	EPA Tier 4 Final
EMICOLONIC TVDE	Electronic Control Module, PTOX-DPF DOC,
EMISSIONS TYPE	Electronic Direct Injection, EGR
FUEL TANK CAPACITY	23.2 gal
FUEL FILTER QUANTITY/ TYPE	1 Pre-filter/Sedimenter, 1 Fuel Filter
FUEL PUMP	Fuel Air-Bleeding Electromagnetic Pump
DIESEL EXHAUST FLUID (DEF) CAPACITY	None
DEF CONSUMPTION	None
ENGINE OIL CAPACITY	1.95 gal
COOLANT CAPACITY	2.88 gal
ELECTRICAL SYSTEM - VOLTAGE	12V, 40A Alternator
BATTERY RATING	565 CCA / 80 Ah
BATTERY GROUP	95D31R, 12V
AMBIENT TEMPERATURE (MIN./MAX.)	5°F to 104°F, Humidity < 80%
OPERATING ALTITUDE (MAXIMUM)	4,921 ft
RUNTIME (FULL LOAD / 70% LOAD)	9.6 hrs / 13.6 hrs
CONTAINMENT	110% / 33.3 gal
FUEL CONSUMPTION	
FULL LOAD	2.4 gal/hr
70% LOAD	1.7 gal/hr
NO LOAD	0.8 gal/hr

WEIGHTS & DIMENSIONS	
LENGTH x WIDTH x HEIGHT	79.6" x 33" x 45"
DRY WEIGHT	1,720 lbs
OPERATING WEIGHT	1,940 lbs
LENGTH	79.6"
WIDTH	33"
HEIGHT	45"
COMPLIANCE & CERTIFICATIONS	
FLUID CONTAINMENT	110% Containment, 33.3 gal
USA DOT COMPL <b>i</b> ant	Meets FMVSS
CSA LISTED	Not CSA Listed
TRANSPORT CANADA COMPLIANT	Transport Canada Compliant
DIESEL ENGINE EPA TIER LEVEL	Tier 4 Final & CARB Compliant

All specifications are subject to change without prior notice. Visit anacorp.com for the most current information.

#### **OPTIONAL ACCESSORIES**



**Double Hose Reel Kit** 



Single Hose Reel Kit



**Battery Charger** 



Engine Block Heater



**Battery Blanket** 









Executive Office

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