



AIRMAN Air Compressor

185 SCFM • Tier 4F Yanmar Diesel Engine



Model PDS185S-6E1

Quiet, high-efficiency design

- **Noise level is as low as 62dBA** at 23 feet when idling. This is substantially less noise than competitors' machines.
- **Direct-injection engine** meets strict new EPA Tier4F emission standards (PDS185S-6E1).

Top fuel economy

- The PDS185S-6E1 offers the **best fuel economy** for any air compressor in its class.
- **Automatic engine idle** drops speed to 1300 rpm when there is no load on the engine.
- **Fuel economy is maximized** by "throttling" or restricting the air intake, depending on demand.
- **Auto-sensing ECO-MODE** decreases receiver tank pressure during unloading.

Convenient access and storage

- **Large, lockable gull-wing style doors** with gas struts virtually lift themselves for easy one-hand access to tool storage and service components.
- **Larger tool compartments** hold 90 pound breakers and other tools and hoses.

Durable, reliable construction

- **Powder-coated finish and stainless steel hardware** maintain their attractive appearance.
- **Engine is directly coupled** to the airend by a fiber gear coupler for improved power transmission, alignment and longevity.
- **Improved unloader valve and air pressure regulator** feature O-rings instead of diaphragms.

Easy maintenance

- **External separate element.**



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PDS185S-6E1	
COMPRESSOR	
Type	Single-Stage, Oil Cooled, Screw-Type
Free Air Delivery	185 scfm
Working Pressure	100 psig
Max. Working Pressure	120 psig
Air Receiver Tank Capacity	5.29 gal.
Air Outlets	¾" x 2
Engine Coupling Type	Fiber Gear Direct Coupling
Lubrication System Type	Pressure injected lubrication
Lubrication System Capacity	3.96 gal.
Oil Cooler Type	Separate Side-by-Side Oil Cooler and Radiator
Separation Filter	External
ENGINE	
Model	Yanmar 4TNV88C-DHKS
Type	Water-Cooled 4-Cycle, Direct-Injection, Tier 4F Compliant
Cylinders	4
Displacement	133.6 cu.in. (2.189 L)
Horsepower	47.6 hp (35.3 kw)
Low Idle	1350 rpm
High Idle	3000 rpm
Fuel Consumption	2.4 gph @ Full Load 1.7 gph @ 70% Load 0.8 gph @ No Load
Fuel Capacity	24.0 gal
Cooling System Capacity	1.93 gal.
Oil Capacity	1.95 gal.
Electrical System	12-Volt, Maintenance-Free Battery
WEIGHTS AND DIMENSIONS	
Dry Weight	2120 lb.
Weight with Towing Frame	2420 lb.
Weight w/o Towing Frame	2120 lb.
Length with Towing Frame	132 in.
Length w/o Towing Frame	76 in.
Width with Towing Frame	68 in.
Width w/o Towing Frame	49 in.
Height with Towing Frame	62 in.
Height w/o Towing Frame	45 in.
Operating Weight	2620 lb.
OPERATING PARAMETERS	
Max. Altitude	4921 ft. (1500 m)
Max. Ambient Temperature	113° F
Min. Ambient Temperature	5° F (-15° C)
Max. Incline	15°
Sound Level	62 dBA

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Features and specifications are subject to change without notice.



AIRMAN

MMD Equipment

4175 Guardian Street • Simi Valley, CA 93063
602 Dunton St. • San Antonio, TX 78226

Phone: 800-433-1382

Fax: 800-225-5579

www.mmdequipment.com