



# 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.



# AIRMAN Air Compressor Model PDS185S-6E1

## 185 SCMF • Tier 4F Yanmar Diesel Engine

PDS185S-6E1	
<b>COMPRESSOR</b>	
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
<b>ENGINE</b>	
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
<b>WEIGHTS AND DIMENSIONS</b>	
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.
<b>OPERATING PARAMETERS</b>	
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

© COPYRIGHT 2016, MMD EQUIPMENT ACPDS185 Rev. 3 (0116)

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  
2075 High Hill Road • Logan Township, NJ 08085

Phone: 800-433-1382

Fax: 800-225-5579

[www.mmdequipment.com](http://www.mmdequipment.com)

