



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 | 0.9 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

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