



ALLIANCE North America

AIRMAN air compressors are manufactured to the highest quality, consistently delivering the industry's highest return on investment.

Alliance North America, Inc. is committed to supplying the highest quality products with unmatched performance that maintain their value over time.

Delivery of our products is only the beginning of our commitment to our customers. With dedicated Parts and Service, from the first handshake to the last oil change, we are here to keep your AIRMAN making you dollar after dollar.



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AIRMAN PDS185-6E1 T4F

BENEFITS

- Quality—Strong, Durable Construction
- Value—Low Maintenance, High Resale
- Reliability—Minimal Down Time

FEATURES

- 185 scfm Free Air Delivery
- Best in Class Fuel Efficiency
- Yanmar Diesel Engine with 2 yr, 2000 hr standard warranty
- EPA Tier 4F & CARB Compliant



QUALITY VALUE RELIABILITY



COMPRESSOR SPECIFICATIONS**PDS185-6E1**

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	Forced Lubrication by compressed pressure
Lubrication System Capacity	3.96 gal.
Oil Cooler Type	Separate Side-by-Side Oil Cooler and Radiator
Separation Filter	External

ENGINE SPECIFICATIONS

Model	Yanmar 4TNV88C-DHKS
Type	Water-Cooled 4-Cycle, Direct-Injection, Tier 4F & CARB 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 w/ Towing Frame	2420 lb.
LxWxH w/o Towing frame (in.)	76x49x45
LxWxH w/ Towing frame (in.)	132x68x62
Operating Weight	2620 lb.

OPERATING PARAMETERS

Max. Altitude	4921 ft. (1500 m)
Max. Ambient Temperature	113° F
Min. Ambient Temperature	5° F
Max. Incline	15°
Sound Level	62 dBA



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