

SCREW COMPRESSOR

SPECIFICATIONS



AIRMAN PDS70

Airman Compressors are made to the highest standards to deliver reliable air power wherever it is required.

The Box Type air compressors have been designed for today's dynamic workplace demands. They're small and light enough to mount on the back of a Ute or service vehicle whilst still leaving valuable cargo space available. Focusing on reliability, efficiency and profitability Airman's superior design is sure to impress.

• Profitable

Fuel economy and component wear reduced via low engine idle at 1,300 RPM (this is less than half the speed of some other makes).

• Convenient Access and Storage

Daily maintenance can be easily completed via the cabinet style doors mounted on the side of Airman Compressors. These allow easy access for mechanics and easy one-hand operation.

• Maintenance Made Easier and Faster

- Side-by-side radiator and oil cooler makes the Airman compressor easier to clean, and more efficient.
- External oil/air filter together with cartridge type fuel filter enable service time and costs to be kept to a minimum.
- No tools are required due to hand operated compressor oil and fuel drains.
- Water and engine oil are removed to the outside of the machine.



• Electric Fuel Primer and AirBleed (EFPA) Pump

The air is automatically primed and bled out of the system without opening injector lines should the compressor run out of fuel. This results in reduced downtime and service calls.

• Durable and Reliable Construction

Airman compressors feature durable steel and powder coated finish with stainless steel hardware. The power transmission is optimised as the engine is directly coupled to the air-end.

• Easy Portability

Airman's box type compressor has been designed so that it can be mounted easily on vehicles for operating or storing in limited space. This makes it the perfect compressor for dynamic workplaces or businesses.

• Environment

- Noise levels as low as 65dBA at 7 meters when idling.
- Meets EPA Tier 2 emission standards with direct injection engine.



AIRMAN PDS70

Specifications

Model	PDS70S	PDS90S	PDS125S	PDS265S
COMPRESSOR				
Free Air Delivery	70 cfm	90	125	265
Working Pressure	102 psi	102	102	102
ENGINE				
Make and Model	Isuzu 3YC1	Isuzu 3LB1	Isuzu 3LD2	Nissan Diesel 2B-BD30T
Type	4 cycle, water cooled, swirichamber type	4 cycle, water cooled, swirichamber type	4 cycle, water cooled, direct injection type	4 cycle, water cooled direct-injection with turbo charger
No. of Cylinder	3	3	3	4
Displacement	954 cc	1.124	1.496	2.953
Output	17 KW	18.8	28	62
Speed at Max Powere	3.35 rpm	3.15	3.3	2.6
Fuel	Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity	L 28	28	70	114
Lubricating Oil Capacity	L 4.2	6	7	10
Battery	V 12V	12V	12V	12V
DIMENSIONS				
Length	mm 1.400	1.600	1.700	2.000
Width	mm 750	750	890	1140
Height	mm 865	865	1.060	1.210
Operating Weight	kg 475	505	710	1120
Air Outlets	- 3/4"x2	3/4"x2	3/4"x2	3/4"x3,2"x1
NOISE LEVEL				
Noise Level at 7 m	dB(A) 65	66	65	69

▪ specifications subject to change without notice.

CHECK THE BENEFITS

- Large slow speed air ends
- Low noise
- Low vibration
- Lockable Steel Cabinets
- Low fuel consumption
- Long run times

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