

WesternAir



### Western Air PA536ATC

<b>Manufacturer</b>	Doosan/Western Air
<b>Model</b>	PA536ATC
<b>Engine</b>	TIER-2
Make	VOLVO
Model	TAD1345
Cylinders	6
BHP @ rated speed	536
Rated speed (RPM)	1800
Fuel/Cooling	Diesel / Water
Electrical Volts/Batteries CCA	24V x 2 1400 CCA
Max operating temperature	52 deg C
<b>Compressor</b>	
Type	Oil Flooded Rotary Screw -2 stage
Free air delivery (cfm - m3/min)	1350CFM / 36.8
Rated operating pressure (PSI / bar)	365 / 24.1
<b>Dimensions</b>	
Length (mm)	3882
Width (mm)	1708
Height (mm)	2190
Shipping weight (kg)	6032

**WESTERN AIR COMPRESSORS PTY LTD**

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## TYPE

Self-contained, fully enclosed diesel engine driven, heavy duty portable compressor manufactured in accordance with ISO 1217. Complete with bunded base and fuel tanks.

## ENCLOSURE

- Sheet metal housing fully enclosing compressor unit providing protection as well as noise attenuation
- Access for routine maintenance is provided through the large doors and access panels located on all sides

## ATC CONTROL SYSTEM

- Unique control system that improves fuel efficiency by monitoring compressor cooling oil and engine coolant along with engine fuel flow. This information is used to control the hydraulically driven cooling fan to ensure operating temperatures are optimised to provide the best fuel economy. Fuel gains up to 7% are possible.

## INSTRUMENTS AND CONTROLS

- Murphy active control monitor
- Hourmeter
- Tachometer
- Digital Engine water temperature gauge
- Digital Engine oil pressure gauge
- Digital Discharge air temperature gauge
- Digital Voltmeter
- Fuel level gauge
- Indicator warning lights for low engine coolant, low fuel level, alternator malfunction, and air filter maintenance.
- Control panel lamp for night operation
- Internal cabinet lamps
- Indicator lights for shutdown due to low engine oil pressure, high engine coolant temperature, high discharge air temperature, and low fuel level
- Engine and compressor malfunction fault indicator display (digital)
- Electronic microprocessor control interface for maintenance and fault code read out.

## SERVICE SUPPORT

Doosan compressors are supported through the global Doosan and Volvo dealer networks. In addition, Western Air offers local support throughout Australia with technical representatives with workshop facilities in Adelaide, Perth and Townsville.

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