

AIRMAC

415 Volt Oil Free Air Compressors



Premium

Quality

AIRMAC Premium Quality

Airmac belt-driven, reciprocating air compressors are uniquely designed and manufactured to provide a lifetime of reliable service. Proudly made for Australia since 1989, they continually exceed the highest standards.

The product philosophy behind Airmac's success has remained unchanged. Start with a heavy duty design using a low speed compressor pump and oversized air tank. Then add a premium selection of genuine brand name components to build the best possible compressor set.



At the heart of every Airmac is a genuine Fusheng compressor pump with a legendary reputation for outstanding quality, performance and reliability.

Widely acknowledged as the best in the world, Fusheng compressor pumps are the gold standard against which other compressors are judged.

Fusheng's VW & TW Series compressor pumps are purpose-designed oil free units rather than modified oil lubricated types. Their unique features include:

- Heavy-duty, low rotational speed industrial design implemented with single-stage (VW-Series) or two-stage (TW-Series) compression technology.
- Self-lubricating Teflon® piston guides and rings that slide with minimal friction heat build-up and wear.
- Precision-machined crankcase, cylinders and cylinder heads made entirely from cast iron for dependable strength, thermal stability and long wearing life.

Pre-Delivery

Every Airmac compressor undergoes a 100-point pre-delivery inspection and full-load testing in Australia by our factory trained technicians.



Spare Parts

To maintain your Airmac compressor in peak operating condition, we offer an extensive inventory of genuine consumables and spare parts.

Today there are thousands of Airmacs in service across the country - working proof they are the finest quality air compressors available in Australia. You can purchase an Airmac with confidence that it will never need replacing if properly used and maintained.

Airmac 415 Volt oil free compressors are used in special applications such as breathing air, food processing and pharmaceutical production. They are a very dependable and economical source of uncontaminated compressed air.



TW-100 Pump

TW-75 Pump

VW-50 Pump

- Rugged high-flow reed valves made from heat and impact-resistant stainless steel.
- Forged, high-tensile alloy steel crankshaft that is much stronger and more durable than a basic cast type.
- All bearings are precision, sealed-for-life rolling element type requiring no further lubrication.
- Deep directional cooling fins, streamlined air passages and an inter or after-cooler for optimal heat dissipation.
- Noise-suppressed air intakes with replaceable filter elements that can be easily changed by hand.
- Dynamically-balanced crankshaft, pulley and flywheel provide smooth running that is practically vibration-free.
- Manufactured exclusively in-house by Fusheng to industry-leading ISO 9001 quality standards.

Accessories

Enhance the operation or protection of your Airmac compressor with genuine, performance matched accessories.



Customer and Product Support

Informed product selection advice, exceptional after-sales service and genuine spare parts are available from an Australia-wide network of qualified Airmac dealers.

WH&S Approved

All Airmac compressors are fully compliant with Australian Workplace Health and Safety Regulations for industrial workplace use.



Warranty

Your investment is protected by a two-year parts and factory labour warranty on the whole compressor set.





Features and Benefits



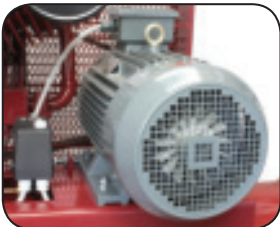
Oversized Air Receiver

For safety, the air tank complies with Australian Standard AS 1210. Its oversized capacity maintains a larger air energy reserve that also reduces pressure fluctuation and compressor on / off cycling.



Metal Safety Guard

The all-steel safety guard securely protects the rotating V-belt drive components. Airmac's traditional metal guard is impact and UV resistant, unlike plastic guards as used by other makes.



Teco 415 Volt Motor

The MEPS-compliant TEFC motor incorporates pure copper windings for higher efficiency to reduce your electricity costs. Its heavy-duty, cast iron frame provides IP55 safety protection.



Pallet Foot Mounts

Pallet feet are preferred in Australia for stationary tank supports instead of brackets or wheels. They enable safe handling with a forklift and stable freestanding compressor operation.



Multiple V-Belts

For extended service life, Fusheng oil free compressor pumps are fitted with two or three V-belts. Other makes cut costs by using one less V-belt for the same power rating.



Protective Coating System

The attractive and corrosion-resistant paint finish is applied in a thorough four-stage process: Abrasive blast clean; solvent clean; two-pack epoxy prime; and two-pack polyurethane top coat.



V-Belt Tension Adjusters

Routine V-belt re-tensioning is easily performed in just a few minutes using the diagonally-opposed screw adjusters. This maintenance aid extends V-belt service life and reduces your costs.



Compressed Air Packages

Save time and money by purchasing your new compressor as part of a carefully selected oil free air system package that includes a matching refrigerant dryer and four air treatment filters.



Condor Pressure Switch

Founded on German engineering since 1893, Condor pressure switches are world leading. Their superior design and manufacture yields an impressive working life in excess of 100,000 cycles.



Electrical Safety

All Airmac electric compressors are fully compliant with the Australian and New Zealand Wiring Rules to protect users against electric shock, fire and physical injury.

Specifications

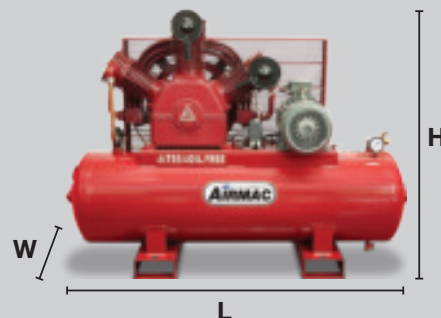
415 Volt Oil Free

Model	Pump Displacement	Free Air Delivery	Maximum Pressure	Compressor Pump	Electric Motor	Power Supply	Tank Volume	Outlet Size	Noise Level	Dimensions (cm) and Weight			
	L/min [cfm] *	L/min [cfm] *	kPa [psi]	Model [rpm]	kW [hp]	Amps °	Litres	BSP	dB(A) ^	L	W	H	kg
V30-OF	770 [27.2]	510 [18.0]	870 [126]	VW-50 [700]	4 [5.5]	16	150	3/4"	85	149	54	104	248
T40-OF	880 [31.1]	690 [24.4]	870 [126]	TW-75 [745]	5.5 [7.5]	20	250	1"	79	155	64	128	407
T55-OF	1,085 [38.3]	900 [31.8]	870 [126]	TW-100 [580]	7.5 [10]	25	300	1"	84	185	64	133	462

* Measured per AS 4637-2006.

° Recommended D-curve circuit breaker.

^ Measured at 1 metre per AS 2221.1-1979.



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