

AIRMAC

415 Volt Air Compressors



Standard Pressure Models Pictured

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.

Often copied - but never equalled - Fusheng's A & B-Series compressor pumps have been in popular demand for decades due to their unique features:

- Heavy-duty, low rotational speed industrial design implemented with single-stage (A-Series) or two-stage (B-Series) compression technology.
- Precision-machined crankcase, cylinders and cylinder heads made entirely from cast iron for dependable strength, thermal stability and long wearing life.
- Rugged high-flow valves made from heat and impact-resistant stainless steel, either disc-type (A-Series) or reed-type (B-Series).

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.



TA-80 Pump



TA-100 Pump



B-1 Pump

- High-tensile, forged alloy steel crankshaft fitted with premium grade ball or tapered roller main bearings.
- Large crankcase oil reservoir for cooler running and improved lubrication fitted with an oil level sight glass.
- Long life, automotive-style piston rings ensure positive sealing and minimal oil content in the discharge air.
- 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.



High Pressure

Applications requiring higher-than-normal air pressure of up to 1,200 kPa (175 psi) can select from four Airmac models specially equipped with efficient two-stage Fusheng compressor pumps.



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.



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.



Multiple V-Belts

For extended service life, the Fusheng compressor pumps are fitted with two, three or four 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.



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.



Compressed Air Packages

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



Teco Star-Delta Starter

To limit inrush current and supply voltage drop, the 11 kW T75 model is fitted with an industrial grade star-delta motor starter. Its IP66 weatherproof enclosure is screw-locked for safety.



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

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
T20	475 [16.8]	310 [11.0]	1,000 [145]	TA-65 [990]	2.2 [3]	10	100	1/2"	80	116	41	80	122
HT20	320 [11.3]	260 [9.2]	1,200 [175]	HTA-65 [995]	2.2 [3]	10	100	1/2"	80	116	41	80	126
B23	390 [13.8]	325 [11.5]	1,200 [175]	B-1 [960]	3 [4]	10	125	3/4"	83	148	47	95	172
V25	600 [21.2]	465 [16.4]	1,000 [145]	VA-80 [995]	3 [4]	10	125	3/4"	81	148	46	91	165
B29	645 [22.8]	555 [19.6]	1,200 [175]	B-2 [950]	4 [5.5]	16	150	3/4"	86	149	52	106	232
T30	800 [28.3]	620 [21.9]	1,000 [145]	TA-80 [885]	4 [5.5]	16	150	3/4"	81	149	49	100	208
V40	1,060 [37.5]	825 [29.2]	1,000 [145]	VA-100 [965]	5.5 [7.5]	20	250	1"	84	155	60	113	318
B52	1,165 [41.2]	1,050 [37.1]	1,200 [175]	B-3 [860]	7.5 [10]	25	300	1"	85	185	66	117	407
T55	1,510 [53.4]	1,245 [44.0]	1,000 [145]	TA-100 [915]	7.5 [10]	25	300	1"	85	185	64	118	382
T75	2,105 [74.4]	1,750 [61.8]	1,000 [145]	TA-120 [775]	11 [15]	32	400	1"	87	193	73	136	518

* Measured per AS 4637-2006.

° Recommended D-curve circuit breaker.

^ Measured at 1 metre per AS 2221.1-1979.



nesscopressure.com.au

Your Authorised Airmac Dealer



Specifications are subject to change without notice. 2016-04