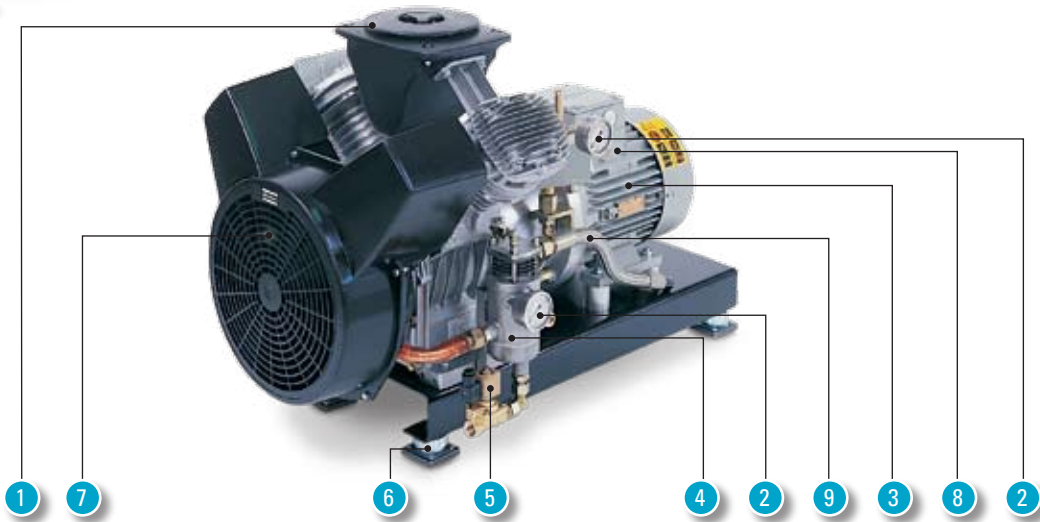


Marine Air Systems

Starting Air Compressors LT Range



- | | |
|--|---|
| <p>1 Air inlet with dry-type replaceable filter element for easy maintenance.</p> <p>2 Glycerine filled pressure gauges. Vibration proof.</p> <p>3 Motor directly coupled to compressor, for minimal power loss and maintenance. The motor is provided with pre-stressed bearings.</p> <p>4 High pressure stainless steel water separator with integrated check valve.</p> | <p>5 Solenoid valve for automatic moist separation and unloaded start and stop.</p> <p>6 Special vibration isolators with welding plates.</p> <p>7 High volume fan especially designed for excellent cylinder cooling.</p> <p>8 Pressure switch for automatic operation.</p> <p>9 Flexible compressed air outlet hose.</p> |
|--|---|

Features and benefits

OPTIMIZING EFFICIENCY

- High quality components ensure trouble free operation.

FLEXIBLE INSTALLATION AND OPERATION

- The LT is delivered to site fully equipped and ready for efficient operation.
- Oil change and valve condition check is only required once a year or every 3000 hours.

SAVING SPACE

- Compact (and lightweight) design through the use of aluminium.
- Direct driven.

EASE OF OPERATION

- Instant availability of pressures ranging from 10 to 30 bar.

ENDURING PERFORMANCE

- IP 55 marine electric motor suitable for high ambient temperatures.
- Built according to all classified marine notified bodies.
- Many proven design features are incorporated, including V-design and lightweight materials for low vibration and optimal heat dissipation, to provide a long lifetime of operation.
- Flexi-disc valve system with non-corroding flexible inlet and outlet valve plates of high quality stainless steel increase performance and valve life.
- Cylinder walls made of 'alusil', an alloy of aluminium and silicon that creates a cylinder wall with low wear properties and a graphite coated lightweight piston with the same expansion coefficient as the cylinder.
- Preventive maintenance kits enhance reliable operation, long life and efficient service.

Benefits

- Compact, small footprint
- Easy to install (plug and play)
- Ready for use (filled with oil)
- Minimum service required:
 - Oil change 3000 hours
 - Valve discs 4000 hours
 - Motor greased for life

Options

- Dol /YD start
- Diesel engine driven
- Compressor modules

Technical specifications

COMPRESSOR TYPE	Max. working pressure*		Capacity FAD*			Installed motor power**		Motor speed	Weight (approx.)	Dimensions (L x W x H)	
	bar(e)	psig	l/s	m³/hr	cfm	kW	hp	rpm	kg/lbs	mm	in
50 Hz VERSION											
LT 3 - 30 KE	30	435	2.5	9.0	5.5	3.0	4.0	1500	94/207	827 x 553 x 620	32.6 x 21.8 x 24.4
LT 5 - 30 KE	30	435	4.4	15.9	9.6	4.0	5.5	1500	115/254	827 x 553 x 620	32.6 x 21.8 x 24.4
LT 7 - 30 KE	30	435	6.4	23.0	13.6	5.5	7.5	1500	152/336	1016 x 619 x 699	40.0 x 24.4 x 27.5
LT 10 - 30 KE	30	435	8.5	30.6	18.0	7.5	10.0	1500	166/367	1016 x 619 x 699	40.0 x 24.4 x 27.5
LT 15 - 30 KE	30	435	9.3	33.4	19.7	11.0	15.0	1500	260/574	1268 x 682 x 815	49.9 x 26.9 x 32.1
LT 20 - 30 KE	30	435	17.0	61.2	36.0	15.0	20.0	1500	300/663	1268 x 713 x 815	49.9 x 28.1 x 32.1
60 Hz VERSION											
LT 3 - 30 KE	30	435	3.3	11.9	7.2	3.4	4.7	1800	94/207	827 x 553 x 620	32.6 x 21.8 x 24.4
LT 5 - 30 KE	30	435	5.6	19.9	12.0	4.6	6.3	1800	115/254	827 x 553 x 620	32.6 x 21.8 x 24.4
LT 7 - 30 KE	30	435	8.0	28.8	17.0	6.3	8.6	1800	152/336	1016 x 619 x 699	40.0 x 24.4 x 27.5
LT 15 - 30 KE	30	435	11.1	40.0	23.5	12.5	17.1	1800	260/574	1268 x 682 x 815	49.9 x 26.9 x 32.1
LT 20 - 30 KE	30	435	19.7	71.0	41.8	17.3	23.7	1800	300/663	1268 x 713 x 815	49.9 x 28.1 x 32.1

* Free air delivery measured according to ISO 1217, Annex C, Ed. 3

Reference conditions:

- Absolute inlet pressure: 1 bar(a), 14.5 psig
- Intake air and coolant temperature: 20°C

** Marine electric motor classified for essential duty.

