

Oil free scroll Compressor



The enterprise passes the ISO9001:2000 international quality system certification



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Hongkong Fengguang Industry Ltd
Dongguan City Qianwei Mechanical Equipment Technology Ltd
Airstone Screw Air Compressor Manufacturer





INTRODUCTION

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Airstone Group is considered one of the leading manufacturer of air compressor products in Guangdong, China. Airstone has over 500 employees. Our goal is to provide exceptional customer service coupled with quality products and energy saving solutions.

Airstone's primary businesses focus in following key areas: Oil-injected rotary screw compressors (Belt driven and Direct driven. Fixed speed and Variable speed. High, middle and Low pressure.) Portable air compressors (Diesel-powered and Electric motor powered) Oil free air compressors (Dry type, Scroll type, Piston type and Water-lubricated type) Centrifugal compressors

At Airstone, we earn our customers' trust and satisfaction by manufacturing the superior quality compressed air products for all industries. All of our products are designed for reliable performance, easy maintenance, and maximum energy efficiency. Airstone has been exporting to more than 150 countries across the globe. We have the largest international sales and service team in China compressor industry.

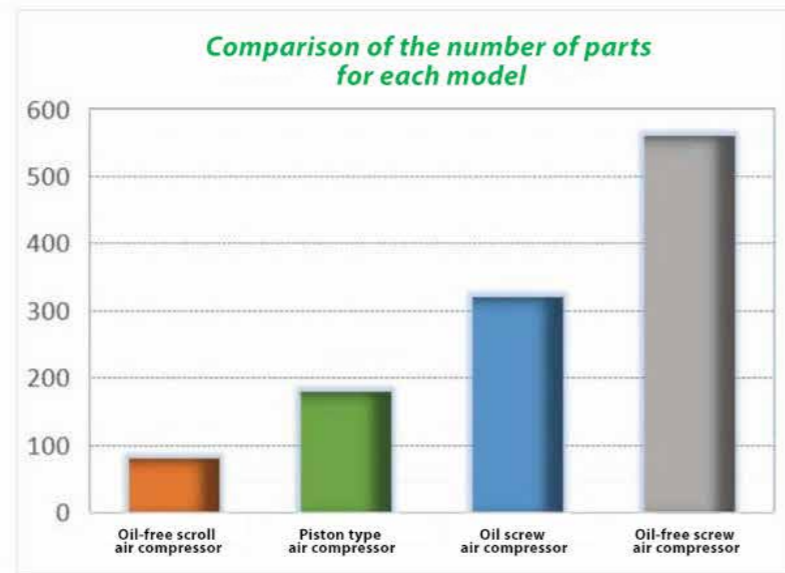
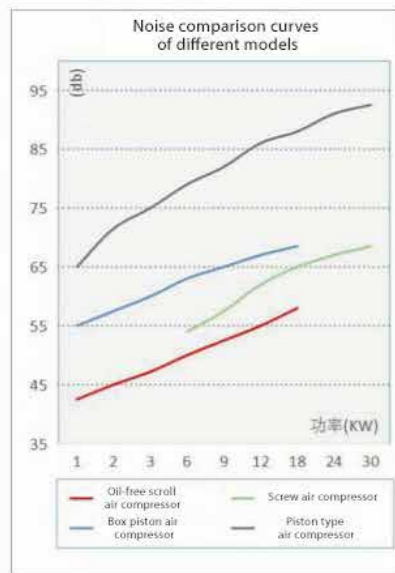
Airstone continuously innovates product development and management to meet customers' demand. The powerful enterprise culture and continuous innovation make Airstone improved rapidly to reach the business principle "Energy Saving First, Mutual Value Shared".

Airstone's vision is to be a world-renowned high-end energy-saving machinery brand, with sustainable development, constantly improving its own value and sharing it with our customers and staff, committed to continuously satisfy the needs of global companies by providing a full range of industrial air compression solutions.

PRODUCT ADVANTAGE

Completely oil-free scroll air compressor

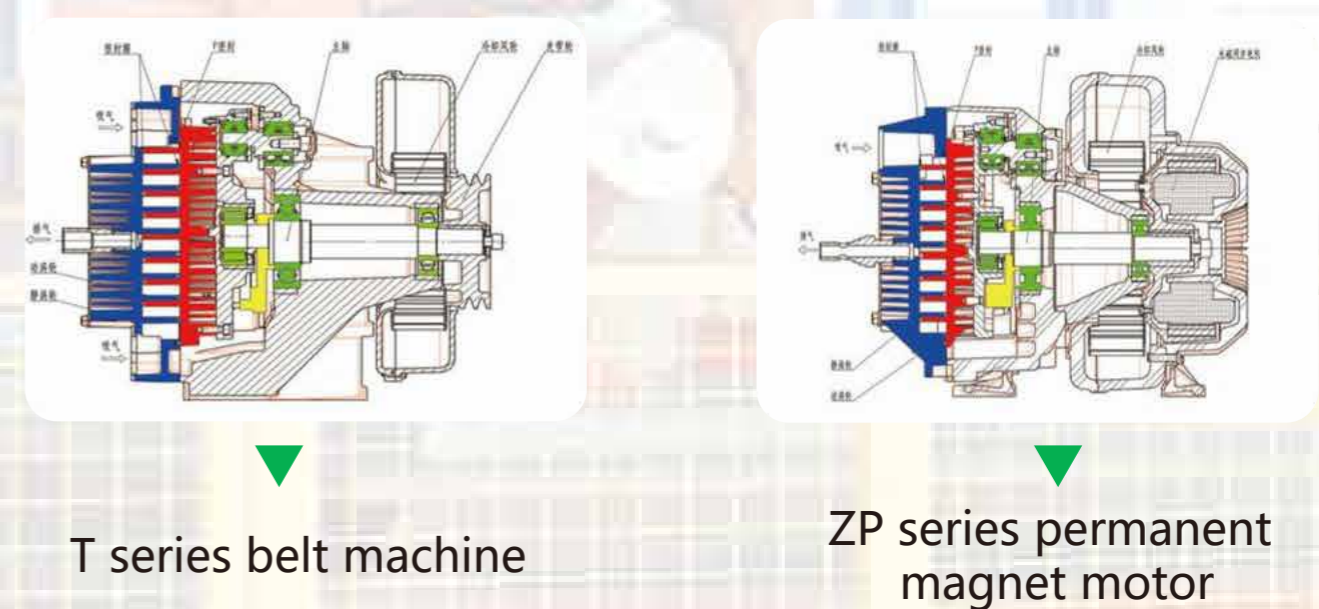
1、 The working process does not need to add any oil medium	2、 Zero emissions, green
3、 Rotary compression structure continuous motion without reciprocation	4、 Low noise
5、 Rotary compression continuous work is useless	6、 Low power consumption



SCROLL COMPRESSION PRINCIPLE

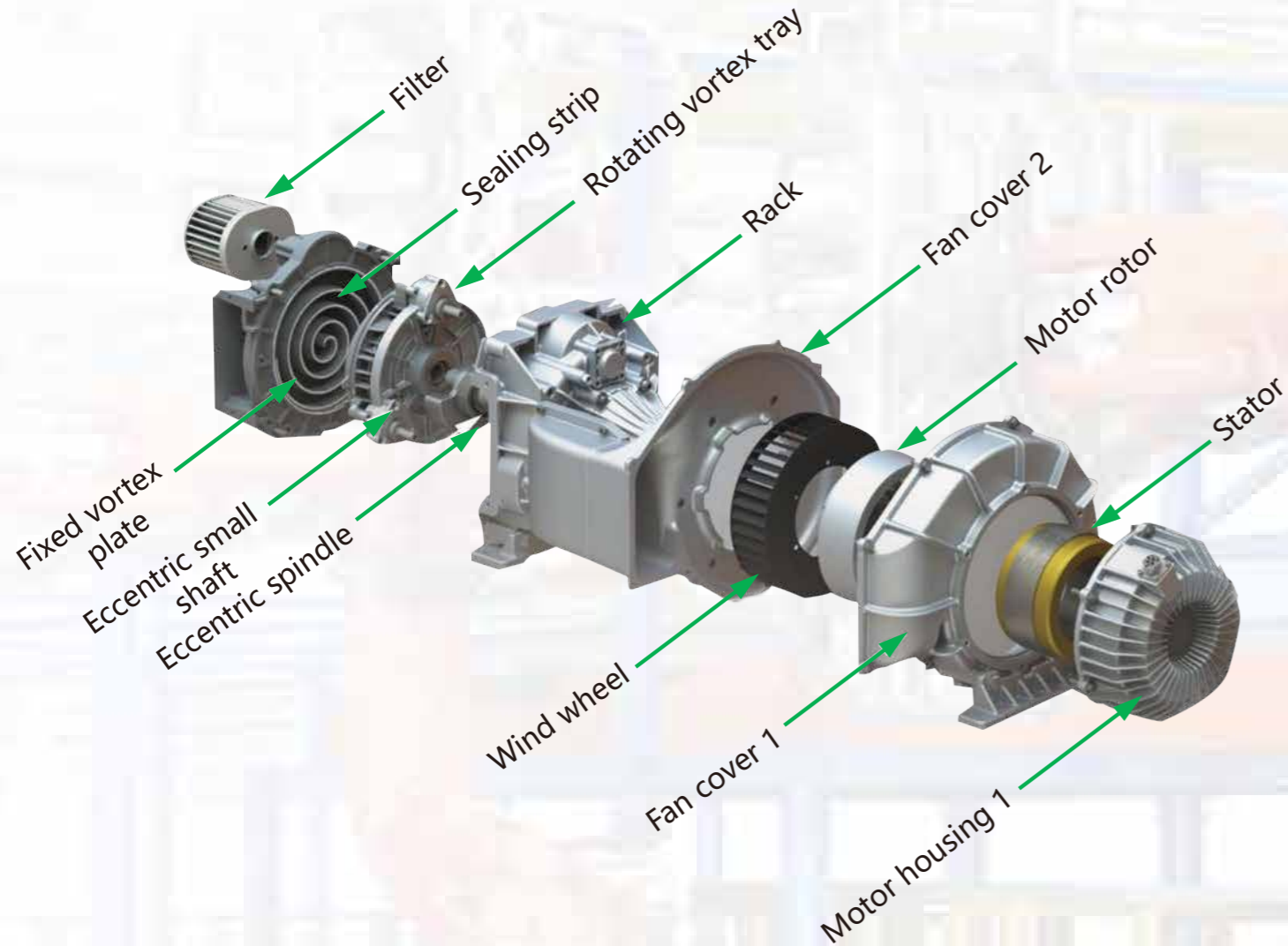


SCROLL COMPRESSOR STRUCTURE DIAGRAM



HIGH END TECHNOLOGY ACHIEVES HIGH-QUALITY CLEAN AIR

FULLY OIL-FREE VORTEX BELT CONVEYOR



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High end technical team with over 15 years of technical accumulation
Successfully developed a new integrated compression motor
The host can operate stably for 24 hours continuously

COMPLETELY OIL-FREE VORTEX SKIN PERMANENT MAGNET MACHINE

HOST SERIES SPECIFICATION PARAMETER TABLE



Model	Rated power (kw)	Speed (rpm)	Rated pressure (MPa)	Air displacement (L/min)	Outlet	Dimension (mm)	Weight (kg)
T Series (Belt machine)							
G02T	3.0/4	3000	0.8	300	Rp3/8	408*330*292	16
G03T	2.2/3	3000	0.8	300	Rp3/8	414*325*293	15
G04T	3.0/4	3000	0.4	300	Rp3/8	345*289*263	16
G05T	3.7/5	3000	0.8	300	Rp3/8	446*341*311	23
G06T	5.5/7.5	3000	0.8	300	Rp3/8	445*406*354	29
G07T	5.5/7.5	3000	0.4	300	Rp3/4	434*406*365	30

Model	Rated power (kw)	Speed (rpm)	Rated pressure (MPa)	Air displacement (L/min)	Outlet	Dimension (mm)	Weight (kg)
ZP Series (Permanent magnet synchro)							
G02ZP	3.0/4	3000	0.8	300	Rp3/8	449*325*292	25
G03ZP	2.2/3	3000	0.8	240	Rp3/8	434*325*287	22
G04ZP	3.0/4	3000	0.4	440	Rp3/8	345*289*263	25
G05ZP	3.7/5	3000	0.8	400	Rp3/8	500*355*312	36
G06ZP	5.5/7.5	3000	0.8	600	Rp3/8	500*387*343	42
G07ZP	5.5/7.5	3000	0.4	1000	Rp3/4	434*389*365	43

COMPACT INTERIOR REALIZE SPACE SAVINGS

It is equipped with 2-10 compressors
Meet various working conditions

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INTELLIGENT CONTROL BOX MACHINE SPECIFICATIONS

Model	Motor output power (kw/hp)	Power source	Control mode	Rated pressure (MPa)	Displacement (m ³ /min)	Outlet	Dimension (mm)	weight (kg)	noise (dB)
L03Z-P22-8	2.2 /3	3N 380V 50Hz	Pressure sensing	0.8	0.24	G 1/2	800*560*900	125	62
L05Z-P37-8	3.7 /5			0.8	0.4	G 1/2	800*560*900	153	63
L06Z-P55-8	5.5 /7.5			0.8	0.6	G 1/2	800*560*900	165	63
L05Z-P75-8	7.5(3.7*2)/10			0.8	0.8	G 1	1100*700*1130	243	63
L06Z-P110-8	11(5.5*2)/15			0.8	1.2	G 1	1100*700*1130	265	64
L05Z-P150-8	15(3.7*4)/20			0.8	1.6	G 1	1420*1010*1130	416	64
L06Z-P165-8	16.5(5.5*3)/22			0.8	1.8	G 1	1100*700*1500	375	66
L06Z-P220-8	22(5.5*4)/30			0.8	2.4	G 1	1420*1010*1130	450	66

L03T-Y22-8	2.2 /3	3N 380V 50Hz	Pressure sensing	0.8	0.24	G 1/2	560*600*800	145	63
L05T-Y37-8	3.7 /5			0.8	0.4	G 1/2	560*600*800	167	63
L05T-Y75-8	7.5(3.7*2)/10			0.8	0.8	G 1	1180*760*1250	338	63
L05T-Y110-8	11(3.7*3)/15			0.8	1.2	G 1	1180*760*1690	496	64
L05T-Y150-8	15(3.7*4)/20			0.8	1.6	G 1	1500*1180*1250	648	64
L05T-Y185-8	18.5(3.7*5)/25			0.8	2.0	G 1.1/4	1500*1180*1690	808	65
L05T-Y220-8	22(3.7*6)/30			0.8	2.4	G 1.1/2	1500*1180*1690	878	65
L05T-Y260-8	26(3.7*7)/35			0.8	2.8	G 1.1/2	1650*1550*1500	1041	65
L05T-Y300-8	30(3.7*8)/41			0.8	3.2	G 1.1/2	1650*1550*1500	1100	68
L05T-Y370-8	37(3.7*10)/50			0.8	4.0	G 1.1/2	1650*1550*1950	1350	68
L06T-Y55-8	5.5/7.5			0.8	0.6	G 1/2	680*640*935	167	63
L06T-Y110-8	11(5.5*2)/15			0.8	1.2	G 1	1180*760*1250	417	64
L06T-Y165-8	16.5(5.5*3)/22			0.8	1.8	G 1	1180*760*1690	556	64
L06T-Y220-8	22(5.5*4)/30			0.8	2.4	G 1.1/4	1500*1180*1250	728	65
L06T-Y275-8	27.5(5.5*5)/37			0.8	3.0	G 1.1/2	1500*1180*1690	908	65
L06T-Y330-8	33(5.5*6)/45			0.8	3.6	G 1.1/2	1500*1180*1690	1008	66
L06T-Y385-8	38.5(5.5*7)/52			0.8	4.2	G 1.1/2	1650*1550*1500	1201	68
L06T-Y440-8	44(5.5*8)/60			0.8	4.8	G 1.1/2	1650*1550*1500	1413	68
L06T-Y550-8	55(5.5*10)/75			0.8	6.0	G 1.1/2	1650*1550*1950	1613	68

■ SMALL QUIET ECONOMICAL AND SIMPLE

Three types of compressor specifications to meet various working conditions

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■ COMPLETELY OIL-FREE AND WATER-FREE VORTEX AIR COMPRESSOR

Adopting a high-performance polymer membrane air dryer

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Model	Motor output power (kw/hp)	Rated pressure (MPa)	Displacement (m ³ /min)	Outlet	Dimension (mm)	Weight (kg)	Noise (dB)
L03T-Y22-8X	2.2/3	0.8	0.24	G1/2	560*600*830	122	65
L03T-Y30-8X	3.0/4		0.3			135	
L03T-Y37-8X	3.7/5		0.4			145	

Model	Output power (kw/hp)	Power source	Control mode	Rated pressure (MPa)	Displacement (m ³ /min)	Outlet dew point (°C)	volume (L)	Outlet	Dimension (mm)	Weight (kg)	Noise (dB)	
L03Z-P22-8M	2.2/3	3N 380V 50Hz	Pressure sensing	0.8	0.21	-15	30	G1/2	680*510*830	120	62	
L03Z-P40-8M	4.0/5.5				0.37	-15	30	G1/2	680*510*830	145	65	
L03Z-P55-8M	5.5/7.5				0.51	-15	30	G1/2	900*560*900	160	68	
1.0MPa specification												
L03Z-P22-10M	2.2/3	3N 380V 50Hz		Pressure sensing	1	0.18	-15	30	G1/2	680*510*830	120	62
L03Z-P40-10M	4.0/5.5					0.32	-15	30	G1/2	680*510*830	145	65

ALL-OIL FREE AIR COMPRESSOR

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AIR PUMP FOR ALL OIL-FREE SCROLL CARS



Product introduction

- There is no oil/carbon pollution in the air, and the service life is longer
- Fewer moving parts, simple structure, high reliability
- No need to change the lubricating oil and oil filter, no waste liquid treatment
- There is no risk of oil leakage, no need to centrally handle condensate and meet demanding environmental requirements
- It takes only 1.5 hours per year to perform preventive maintenance and check the filter for blockage and cleanliness over the life cycle
- Oil-free vortex air pumps are characterized by a very low life cycle cost

Product advantage

All oil-free air compression pollution-free

Small size, light weight

Six technological advantages

0 emissions, low power consumption, low use cost

Low noise, low vibration

Fewer parts, high reliability

No wearing parts long life, less maintenance

Model	Output power (kw/hp)	Power source	Control mode	Rated pressure (MPa)	Displacement (m ³ /min)	Outlet dew point (°C)	volume (L)	Outlet	Dimension (mm)	Weight (kg)	Noise (dB)
L03Z-P22-8L	2.2/3	3N 380V 50Hz	Pressure sensing	0.8	0.22	-15	200	G3/4	1390*630*1445	235	62
L05Z-P37-8L	3.7/5				0.38	-15	200	G3/4	1390*630*1445	260	63
L06Z-P55-8L	5.5/7.5				0.57	-15	200	G3/4	1390*630*1445	280	65
L05Z-P75-8L	3.7*2/10				0.76	-15	300	G1	1520*710*1920	480	65
L06Z-P110-8L	5.5*2/15				1.14	-15	300	G1	1520*710*1920	510	65
L03T-Y22-8L	2.2/3	3N 380V 50Hz	Pressure sensing	0.8	0.22	-15	200	G3/4	1390*630*1445	245	65
L05T-Y37-8L	3.7/5				0.38	-15	200	G3/4	1390*630*1445	365	65
L05T-Y55-8L	5.5/7.5				0.57	-15	200	G3/4	1390*630*1445	290	65
L05T-Y75-8L	3.7*2/10				0.76	-15	300	G1	1520*710*1920	490	68
L05T-Y110-8L	5.5*2/15				1.14	-15	300	G1	1520*710*1920	530	68