

Screw Air Compressor
ZLS-2iC 30~350HP



Two-stage Compression PM VSD Screw Air Compressor

Much more approaching isothermal efficiency to drive dual PM motor, dual air end and dual cooling fan in more coordinated mode, slipping the traditional leash and adoption of all new generation VF control algorithm. Automatically constant mid-pressure between the first stage and second stage and intelligent flexible regulating pressure according to site situation can save power consumption maximum.



Dual air end and dual motor connection in series

Advantage of dual motor & dual air end

- Dual motor driving independently
 - Lower compression ratio than single stage
 - Lower inner leakage backflow
 - Easy maintenance
 - Longer running time
 - Lower failure rate
- Flexible regulating of middle pressure
- Easy to match better air end to achieve different pressure and better efficiency

Technical Data Sheet

Model	Mpa	ZLS30-2iC	ZLS40-2iC	ZLS50-2iC	ZLS60-2iC	ZLS75-2iC	ZLS100-2iC	ZLS125-2iC	
Max air displacement/ discharge pressure m ³ /min	0.7	4.7	6.4	7.5	9.6	12.6	17.0	20.3	
	0.8	4.4	5.9	7.1	9.2	11.9	15.6	19.3	
	1.0	4.0	5.2	6.2	8.6	10.3	12.6	17.3	
	1.25	3.6	4.6	5.5	7.0	8.6	11.5	15.3	
Working mode of cooler	Air cooling/water cooling								
Discharge Temperature	°C	Air cooling ≤ environmental temperature +10°C, water cooling ≤ 40°C							
Volume of lubricating oil	L	18	22	28	35	38	45	70	
Noise	dB(A)	63±2	64±2	64±2	65±2	70±3	71±3	73±3	
Motor	Power	kW/HP	22/30	30/40	37/50	45/60	55/75	75/100	90/125
	Start mode	VSD Start							
	Voltage	220V/380V/415V 50Hz/60Hz							
Dimension	Length	mm	1400	1660	1660	1750	1750	1800	2800
	Width	mm	1080	1150	1150	1280	1280	1300	1650
	Height	mm	1320	1480	1480	1600	1600	1700	1800
Weight	kg	660	800	950	1100	1300	1650	2500	
Air Outlet Diameter	inch	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	DN65	
Eff.STD.	GB/T 19153-2019 First Class								

Model	Mpa	ZLS150-2iC	ZLS175-2iC	ZLS200-2iC	ZLS250-2iC	ZLS275-2iC	ZLS300-2iC	ZLS350-2iC	
Max air displacement/ discharge pressure m ³ /min	0.7	24.2	29.1	36.3	41.2	45.9	48.6	56.1	
	0.8	23.2	27.7	33.6	38.9	42.5	47.2	54.1	
	1.0	21.0	24.7	30.2	34.5	40.1	42.5	46.7	
	1.25	17.3	22.1	28.1	32.1	38.0	40.0	43.5	
Working mode of cooler	Air cooling/water cooling								
Discharge Temperature	°C	Air cooling ≤ environmental temperature +10°C, water cooling ≤ 40°C							
Volume of lubricating oil	L	70	100	100	120	140	140	170	
Noise	dB(A)	74±3	74±3	75±3	79±3	79±3	80±3	80±3	
Motor	Power	kW/HP	110/150	132/175	160/200	185/250	200/275	220/300	250/350
	Start mode	VSD Start							
	Voltage	220V/380V/415V 50Hz/60Hz							
Dimension	Length	mm	2800	3200	3800	3800	4200	4200	4200
	Width	mm	1650	1800	2000	2000	2300	2300	2300
	Height	mm	1800	2050	2050	2050	2200	2200	2200
Weight	kg	3000	3650	4000	5000	5100	5300	6400	
Air Outlet Diameter	inch	DN80	DN100	DN100	DN100	DN125	DN125	DN125	
Eff.STD.	GB/T 19153-2019 First Class								

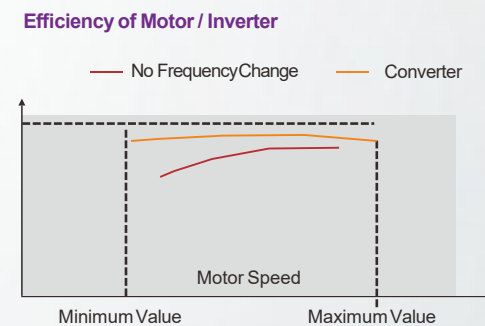
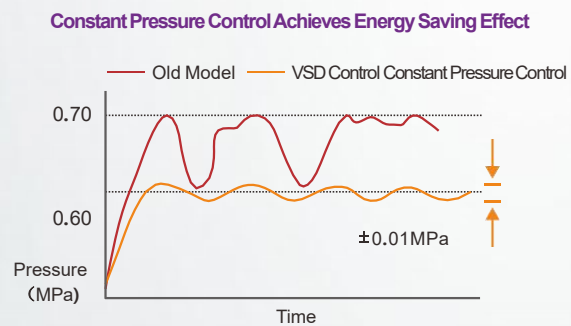
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Screw Air Compressor
ZLS-Hi+ 07~350HP



Low RPM Permanent Magnet VSD Screw Air Compressor PM VSD Energy saving up to 50%

- The VSD keeps pressure in stable, which effectively avoids the waste of energy in the process of loading and unloading. And effectively stabilizes the loading pressure in the air supply pipeline. The pressure fluctuation is stably controlled between 0.01Mpa;
- As a result of stable pressure, the overall average pressure is reduced, and the system load is reduced, which greatly reduces the energy consumption. With the decrease of the average working pressure, the leakage risk in the system pipeline is greatly reduced;
- After the VSD machine is started, the starting stage of the motor will not impact the electric grid, and the energy loss of the peak current of the traditional air compressor in the start-up phase is completely eliminated;
- Provide 5~8kg pressure range to the user, VSD compressor can also be customized high pressure and special design of the inverter and motor (high protective bearing), to ensure the safety and stability in VSD control.



Technical Data Sheet

Model	Mpa	ZLS07Hi+	ZLS10Hi+	ZLS15Hi+	ZLS20Hi+	ZLS30Hi+	ZLS40Hi+	ZLS50Hi+	ZLS60Hi+	
Max air displacement/ discharge pressure m ³ /min	0.6	1.47	1.85	2.8	3.5	4.7	6.5	7.8	9.5	
	0.7	1.4	1.73	2.6	3.3	4.4	6	7.3	8.8	
	0.8	1.3	1.6	2.4	3.0	4.2	5.6	6.8	8.2	
	1.0	/	1.3	1.9	2.6	3.6	5.1	5.9	7.2	
	1.25	/	1.1	1.5	2.1	3.1	4.2	5.1	6.4	
	1.50	/	0.85	1.3	1.7	2.6	3.7	4.5	/	
Working Mode of Cooler	Air cooling/water cooling									
Discharge Temperature	°C	Air cooling ≤ environmental temperature + 10°C, water cooling ≤ 40°C								
Volume of lubricating oil	L	10	10	12	12	12	25	25	28	
Noise	dB(A)	61±2	61±2	61±2	62±2	64±2	64±2	64±2	65±2	
Motor	Power	kW/HP	5.5/7	7.5/10	11/15	15/20	22/30	30/40	37/50	45/60
	Start mode	VSD Start								
	Voltage	220V/380V/415V 50Hz/60Hz								
Dimension	Length	mm	950	950	950	950	1250	1370	1400	1450
	Width	mm	700	700	820	820	900	900	950	1050
	Height	mm	1000	1100	1150	1150	1220	1350	1400	1460
Weight	kg	288	348	368	458	575	640	828	1120	
Air Outlet Diameter	inch	3/4 "	1 "	1-1/4 "	1-1/4 "	1-1/4 "	1-1/2 "	1-1/2 "	1-1/2 "	
Eff.STD.	GB/T 19153-2019 First Class									

Model	Mpa	ZLS75Hi+	ZLS100Hi+	ZLS125Hi+	ZLS150Hi+	ZLS175Hi+	ZLS200Hi+	ZLS275Hi+	ZLS350Hi+	
Max air displacement/ discharge pressure m ³ /min	0.6	12.7	16.8	20.37	25.6	28.0	34.8	41.8	48.6	
	0.7	11.9	15.6	19.0	23.8	26.8	32.4	38.9	45.2	
	0.8	11.0	14.49	17.6	22.1	24.9	30.1	36.17	42.03	
	1.0	8.9	12.6	14.1	20.6	23.2	26.8	32.4	38.4	
	1.25	8.0	10.9	12.8	16.8	19.3	21.8	27.6	34.3	
	1.50	/	/	/	/	/	/	/	/	
Working Mode of Cooler	Air cooling/water cooling									
Discharge Temperature	°C	Air cooling ≤ environmental temperature + 10°C, water cooling ≤ 40°C								
Volume of lubricating oil	L	48	60	60	70	94	94	150	185	
Noise	dB(A)	65±2	66±2	66±2	67±2	67±2	70±2	80±2	82±2	
Motor	Power	kW/HP	55/75	75/100	90/125	110/150	132/175	160/200	200/275	250/350
	Start mode	VSD Start								
	Voltage	220V/380V/415V 50Hz/60Hz								
Dimension	Length	mm	1600	1750	1800	2390	3000	3000	3250	3500
	Width	mm	1150	1300	1350	1650	1800	1800	2500	2300
	Height	mm	1580	1600	1630	1920	2050	2050	2190	2200
Weight	kg	1300	1650	2400	3300	3800	5600	6500	7900	
Air Outlet Diameter	inch	2 "	2 "	2 "	DN65	DN80	DN80	DN100	DN100	
Eff.STD.	GB/T 19153-2019 First Class									

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Screw Air Compressor
XS10~100HP



Permanent Magnet VSD Screw Air Compressor
All new design High Efficient High Quality

- Coaxial drive makes higher efficiency and zero transmission loss.
- IE4 permanent magnet motor running speed changes by site requirement.
- IP65 protection level is assured by liquid cooling enclosure motor housing.

All series using IE4 high efficiency motor

XS series all use IE4 permanent magnet high efficiency VSD motor which is made of rare earth material NdFeB. Permanent magnet creates excitation magnetic field and thus achieves high efficient electric energy conversion. It is called as permanent magnet synchronous motor as it rotates as same as excitation synchronous motor but is with higher efficient, smaller dimension, lower weight and more compact structure.



Permanent magnet VSD motor conforming to IEC60034-30-2008.
Assured by professional certification authority.

Technical Data Sheet

Model	Discharging Pressure (Mpa)	Discharging Volume (m ³ /min)	Power (kW/HP)	Lubricant Capacity (L)	Noise dB(A)	Air Outlet Diameter (inch)	Weight (Kg)	Overall Dimensions (LxWxHmm)
XS-10	0.7	1.2	7.5/10	7	61 ±2	3/4"	188	800X670X950
	0.8	1.1						
	1.0	0.95						
	1.25	0.85						
	1.50	0.75						
XS-15	0.7	1.8	11/15	10	61 ±2	1"	230	900X700X1100
	0.8	1.7						
	1.0	1.5						
	1.25	1.3						
	1.50	1.1						
XS-20	0.7	2.5	15/20	10	62 ±2	1"	268	900X750X1130
	0.8	2.4						
	1.0	2.0						
	1.25	1.7						
	1.50	1.5						
XS-30	0.7	3.9	22/30	12	64 ±2	1-1/4"	345	950X820X1150
	0.8	3.8						
	1.0	3.1						
	1.25	2.5						
	1.50	2.3						
XS-40	0.7	5.1	30/40	18	64 ±2	1-1/4"	462	1100X900X1300
	0.8	5.0						
	1.0	4.3						
	1.25	3.9						
	1.50	3.5						
XS-50	0.7	6.4	37/50	25	64 ±2	1-1/4"	510	1250X900X1300
	0.8	6.3						
	1.0	5.6						
	1.25	5.1						
	1.50	4.2						
XS-60	0.7	8.0	45/60	25	65 ±2	1-1/2"	680	1200X1050X1410
	0.8	7.5						
	1.0	7.0						
	1.25	6.0						
	1.50	4.5						
XS-75	0.7	10.5	55/75	28	65 ±2	1-1/2"	830	1400X1000X1450
	0.8	10.1						
	1.0	9.5						
	1.25	7.6						
	1.50	6.0						
XS-100	0.7	13.8	75/100	42	66 ±2	2"	1120	1550X1200X1500
	0.8	13.1						
	1.0	12.1						
	1.25	10.1						
	1.50	7.8						

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Screw Air Compressor
LS -10~30HP

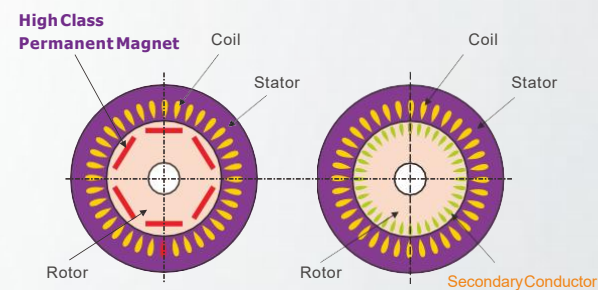


JAGUAR screw Air Compressor with built-in Dryer and Filter

- Low RPM
- Permanent Magnet Motor
- VSD Control
- Grade 1 of National Efficiency Standard
- Compact & Integration Design
- Special design for laser cutting machine

The advantage of IE4 permanent magnet motor

Permanent magnet VSD motor conforming to IEC 60034-30-2008. Assured by professional certification authority.

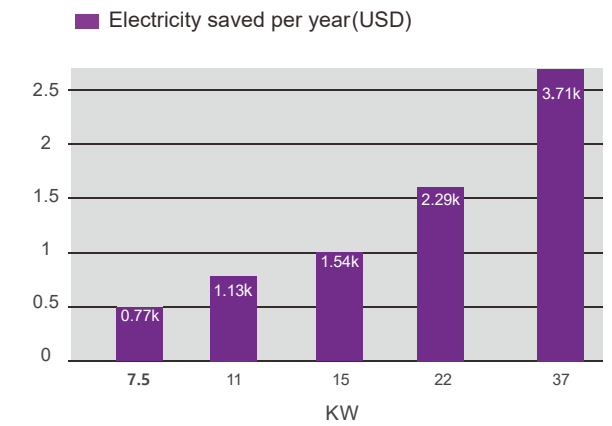


Jaguar IE4 PM VSD Motor Ordinary Induction Motor

Benefits of using IE4 PM VSD motor

Comparing with IE1 motor air compressor, IE4 PM VSD air compressor can save USD3,710 per year. Great benefit.

*Example for same model compressor but IE1 and IE4 motor comparing, 7200 hours/year, 1KWH=USD0.14.



Technical Data Sheet

Model	Discharging Pressure (Mpa)	Discharging Volume (m³/min)	Power (kW/HP)	Noise dB(A)	Lubricant Capacity (L)	Tank capacity (L)	Weight (Kg)	Overall Dimensions (LxWxHmm)
LS-10	0.8	1.1	7.5/10	61 ±2	7	260	416	1500X750X1640
	1.0	0.95						
	1.25	0.85						
	1.5	0.75						
LS-15	0.8	1.7	11/15	61 ±2	10	380	490	1750X750X1700
	1.0	1.5						
	1.25	1.3						
	1.5	1.1						
LS-20	0.8	2.4	15/20	62 ±2	10	380	522	1750X750X1700
	1.0	2.0						
	1.25	1.7						
	1.5	1.5						
LS-30	0.8	3.8	22/30	64 ±2	12	600	610	1890X820X1920
	1.0	3.1						
	1.25	2.5						
	1.5	2.3						

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JAGUAR PM screw Vacuum Pump

JAGUAR PM screw vacuum pump VC series is a new generation of intelligent screw vacuum pump, using IP65 eight-stage PM motor coaxial drive, with ultra-low noise. The air end has been selected after long simulation tests and type tests, and the technical content has reached the leading level in the industry. With large flow design, the pumping speed is faster. The ultimate pressure is 0.35 mbar (A), and the vacuum capacity is adapted to the continuous and stable production demand. The liquid-cooled system of innovative design cools the PM motor via the coolant to ensure that the PM motor does not lose magnetism, saving 40% of electricity as compared with the traditional water ring vacuum pump. The plug-and-play design principle can provide better performance to meet your running pressure requirements.

Efficient PM Synchronous Motor

For the JAGUAR VC series with IE4 PM inverter ultra-high efficiency motor, the electromagnetic scheme of motor is greatly optimized, the motor efficiency is greatly improved by 5-10%, and the user cost is significantly reduced.



JAGUAR VC Series with IE4 PM Motor

Technical Data Sheet

Model	Power	Pumping Speed	Final Vacuum	Weight	Inlet/Outlet	Dimension
	kW	m ³ /h	pa	Kg	DN	mm
VC-05	4	240	≤35	530	DN65/DN50	1500x1000x1200
VC-07	5.5	468	≤35	550	DN80/DN65	1500x1000x1200
VC-10	7.5	588	≤35	685	DN80/DN65	1500x1000x1200
VC-15	11	780	≤35	875	DN80/DN65	1650x1150x1270
VC-20	15	876	≤35	1120	DN80/DN65	1650x1150x1270
VC-30	22	1320	≤35	1500	DN150/DN100	1850x1300x1650
VC-40	30	1620	≤35	1700	DN150/DN100	2150x1500x1950
VC-50	37	1812	≤35	2135	DN150/DN100	2150x1500x1950
VC-60	45	2820	≤35	3100	DN200/DN150	2700x2200x1850
VC-75	55	3300	≤35	4200	DN200/DN150	3050x2200x1850
VC-100	75	4440	≤35	6000	DN200/DN150	3200x2200x2000

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PM Turbo Blower
ZTB30~300HP



JAGUAR PM Turbo Blower

is 30% more energy efficient than traditional blowers.

- The JAGUAR ZTB PM turbo blower series is a high-tech single-stage, high-speed turbo blower derived from aero-engine technology, combined with air compression technology. With the adoption of core technologies such as air suspension bearings, high-precision 3D impellers, and ultra-high-speed coaxial PM motors, it opens up a new era of high-efficiency, high-performance, and high-stability blowers.
- PM turbo blower saves up to 30% in terms of energy consumption compared with traditional blowers, and has the advantages of low noise and no vibration; additionally, it does not require lubricant and is maintenance-free.
- As an environmentally-friendly and energy-saving high-tech product, the JAGUAR ZTB series has been widely used in various industrial fields such as water treatment and its stability has been recognized by the market.



Energy-efficiency

- 30% energy savings compared to comparable blowers
- Non-use of lubricated air bearings and no gearboxes
- Certified highly-efficient equipment



Fully intelligent control

- Fully intelligent interactive touch screen with multiple operating modes
- Remote communication of operating parameters



Low noise, no vibration

- Noise <80dB and vibration-free operation of air suspension shafts
- No need for sound insulation in the machine room, easy installation

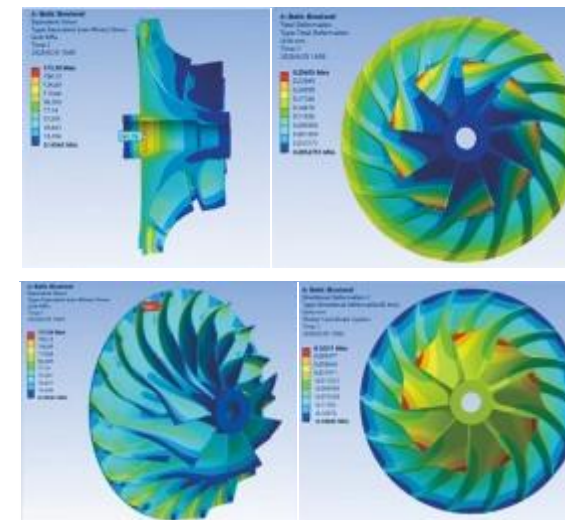


Low maintenance costs

- Highly-integrated, small size and light weight
- Only need to clean and replace the air filter cotton

JAGUAR Efficient Impeller

Advanced Aerodynamic System Technology - Aerospace Aluminum Alloy Impellers



For the new-generation efficient impellers developed independently by JAGUAR, the molded lines are designed subject to the concept of 3D flow. The impellers are machined and molded with the Hermle five-axis NC machine tools so that its design precision is up to 0.001mm.

By virtue of anodizing treatment, anti-oxidation and anti-corrosion treatment, the smooth impeller surface can ensure stable running at ultra-high speed.

The impeller is made of high-strength aviation aluminum alloy AL7075, which is lighter and consumes less power than other materials, making it more suitable for high-speed rotating motors.

The impeller structure is tested for stability by 120% overspeed rotation test to ensure safe and reliable running of the equipment.

The impeller is directly connected to the shaft for 100% power transmission efficiency.

Technical Data Sheet

Model		ZTB30	ZTB50	ZTB75	ZTB100	ZTB125	ZTB150	ZTB200	ZTB250	ZTB300
Pressure	Power (kW)	22	37	55	75	90	110	150	185	220
60KPa	Flow Rate (m ³ /min)	21	36	53	72	85	110	147	168	220
70KPa		19	31	47	63	75	94	126	153	187
80KPa		18	29	44	57	70	88	114	144	172
100KPa		12	22	35	47	55	72	93	106	140
120KPa		11	19	29	39	48	58	78	97	117
Air Outlet Diameter (mm)		DN150	DN150	DN200	DN200	DN200	DN300	DN300	DN300	DN400
Overall Dimensions (mm)		1400	1400	1690	1690	1690	2050	2050	2050	2260
	W	700	700	1040	1040	1040	1040	1040	1040	1263
		1250	1250	1500	1500	1500	1735	1735	1735	2428
Weight	kg	440	450	720	750	760	950	1050	1100	1300

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Screw Air Compressor
ZLS-Di 30~200HP



Low Pressure Large Discharge Screw Air Compressor

Industry leader, first class energy efficiency standards

- Original IP65 permanent magnet motor, oil / water cooled technology, efficiency increased by 8%;
- With large rotor and low speed design, the performance is more stable; Permanent magnet IPM motor adopts 8 pole high speed motor, energy-saving efficiency increased by 10% compared with asynchronous motor;
- Dual VSD cooling fan, low noise, save 3% energy consumption;
- Special low pressure intake valve, oil and gas separation filter and minimum pressure valve, significantly improve the performance of the whole machine.



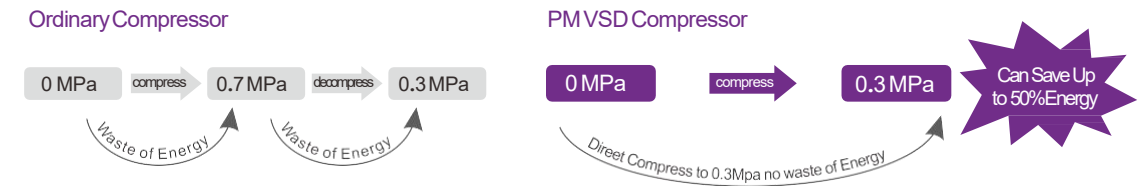
175~350HP

What Circumstances Should We Use Low Pressure Air Compressor?

When you only need the pressure of 0.3~0.5MPa, if you use the ordinary 0.7MPa machine and decompression to 0.3 MPa to use, it means you would waste a lot of electricity.

But with a permanent magnet low pressure and large displacement screw compressor, in the same condition, it will be more reliable and more energy saving than the ordinary air compressor.

If you buy a 0.7MPa machine and the actual use pressure is 0.3MPa, its working process is usually like this: the screw air-end will compress air from 0.1MPa to 0.7MPa, and then through the pressure reducing valve or other ways to reduce the pressure to 0.3MPa. In short, you need to use 0.3MPa, but you actually suffer from the power consumption of 0.7MPa, which creates a huge waste of energy!



Technical Data Sheet

Model	Mpa	ZLS30Di	ZLS40Di	ZLS50Di	ZLS60Di	ZLS75Di	ZLS100Di	ZLS125Di	ZLS150Di	ZLS175Di	ZLS200Di	
Max air displacement/ discharge pressure m ³ /min	0.2	7.8	11.3	14.0	16.4	21.2	28.0	36.5	47.2	51.8	62.8	
	0.3	7.2	9.1	11.8	15.4	19.2	23.3	32.0	36.8	47.2	56.6	
	0.5	5.8	7.3	9.2	10.2	14.8	19.1	23.6	28.2	35.0	42.0	
Working Mode of Cooler		Air cooling/water cooling										
Discharge Temperature	°C	Air cooling ≤ environmental temperature +10°C, water cooling ≤ 40°C										
Noise	dB(A)	64±2	65±2	65±2	66±2	66±2	67±2	68±2	70±2	70±2	70±2	
Motor	Power	KW/HP	22/30	30/40	37/50	45/60	55/75	75/100	90/125	110/150	132/175	160/200
	Start mode		VSD Start									
	Voltage		220V/380V/415V/50Hz									

Model	Dimension(mm)	Air Outlet Diameter	Model	Dimension(mm)	Air Outlet Diameter	Model	Dimension(mm)	Air Outlet Diameter
ZLS30Di0.2	1400X1000X1400	1-1/2"	ZLS40Di0.2	1550X1130X1370	1-1/2"	ZLS50Di0.2	1750X1300X1600	2"
ZLS30Di0.3			ZLS40Di0.3			ZLS50Di0.3		
ZLS30Di0.5			ZLS40Di0.5			ZLS50Di0.5		
ZLS60Di0.2	1750X1300X1600	2"	ZLS75Di0.2	2450X1700X2150	DN80	ZLS100Di0.2	2800X1800X2150	DN80
ZLS60Di0.3			ZLS75Di0.3			ZLS100Di0.3		
ZLS60Di0.5			ZLS75Di0.5			ZLS100Di0.5		
ZLS125Di0.2	3250X2000X2050	DN100	ZLS150Di0.2	3600X2000X2250	DN150	ZLS175Di0.2	3600X2000X2250	DN200
ZLS125Di0.3			ZLS150Di0.3			ZLS175Di0.3		
ZLS125Di0.5			ZLS150Di0.5			ZLS175Di0.5		
ZLS200Di0.2	3600X2000X2250	DN200						
ZLS200Di0.3								
ZLS200Di0.5			3500X2400X2200	DN100				

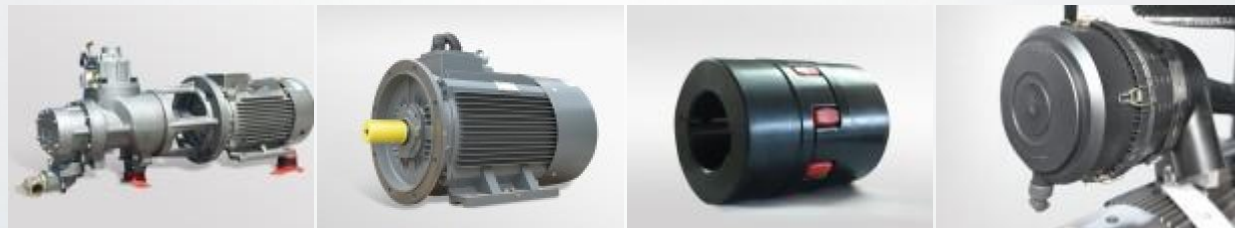
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Screw Air Compressor
ZLS10~350HP



Asynchronous Direct Drive Screw Compressor

- The air-end is made of the third generation of screw profile. According to the idea of big rotor, big bearing and low speed, all the models have been designed one by one. High reliability, and low speed, reduce the failure rate, guarantee the long service life of the air-end.
- Advantages of low speed and low noise, and reduces the stimulation to the eardrum, and effectively protects the human body.
- The intake valve and the oil pipe are special designed according to the latest research results. The internal pressure ratio is reasonable, and the oil and gas heat exchange is sufficient.
- The direct drive transmission, high transmission efficiency, reliable imported coupling, easy installation, long lasting life.



1 High precision air-end 2 High efficiency asynchronous motor 3 Specially designed coupling 4 High quality air filter

Technical Data Sheet

Model	Mpa	ZLS 10	ZLS 15	ZLS 20	ZLS 30	ZLS 40	ZLS 50	ZLS 60	ZLS 75	
Max air displacement/ discharge pressure	0.7	1.35	1.8	2.5	3.8	5.2	6.5	8.0	10.5	
	0.8	1.2	1.6	2.3	3.4	5.0	6.1	7.5	9.8	
	m ³ /min	1.0	1.0	1.3	2.0	3.1	4.3	5.5	7.0	8.6
Working Mode of Cooler	Air cooling/water cooling									
Discharge Temperature	°C	Air cooling ≤ environmental temperature + 10°C, water cooling ≤ 40°C								
Volume of lubricating oil	L	10	10	10	11	13	18	25	25	
Noise	dB(A)	66	66	68	70	70	72	73	73	
Motor	Power	kW/HP	7.5/10	11/15	15/20	22/30	30/40	37/50	45/60	55/75
	Start mode	Y-Δstart								
	Voltage	220V/380V/415V 50Hz/60Hz								
Dimension	Length	mm	1050	1200	1200	1350	1350	1500	1550	1600
	Width	mm	670	820	820	820	820	900	1050	1150
	Height	mm	950	1150	1150	1150	1150	1350	1460	1580
Weight	kg	300	420	450	550	640	750	920	1160	
Air Outlet Diameter	inch	3/4 "	1 "	1 "	1-1/4"	1-1/4"	1-1/4"	1-1/2 "	2 "	

Model	Mpa	ZLS 100	ZLS 125	ZLS 150	ZLS 175	ZLS 200	ZLS 250	ZLS 300	ZLS 350	
Max air displacement/ discharge pressure	0.7	13.9	16.0	20.5	24.1	28.3	32.5	38.5	43.8	
	0.8	12.8	15.5	19.0	22.9	27.0	30.0	35.8	41.4	
	m ³ /min	1.0	11.8	13.9	17.4	20.1	24.3	26.7	29.8	35.5
Working Mode of Cooler	Air cooling/water cooling									
Discharge Temperature	°C	Air cooling ≤ environmental temperature + 10°C, water cooling ≤ 40°C								
Volume of lubricating oil	L	60	60	70	94	94	94	185	185	
Noise	dB(A)	75	75	77	77	79	79	79	80	
Motor	Power	kW/HP	75/100	90/125	110/150	132/175	160/200	185/250	220/300	250/350
	Start mode	Y-Δstart								
	Voltage	220V/380V/415V 50Hz/60Hz								
Dimension	Length	mm	1910	2150	2500	3000	3000	3000	3950	3950
	Width	mm	1150	1350	1650	1800	1800	2000	2300	2300
	Height	mm	1580	1700	1920	2050	2050	2050	2200	2300
Weight	kg	1550	1850	2450	2700	2890	3000	4400	4610	
Air Outlet Diameter	inch	2"	2"	DN65	DN80	DN80	DN100	DN100	DN100	

Specification Subject To Change Without Notice In Advance.

Screw Air Compressor
EAS10~75HP



Belt Drive Screw Air Compressor

Technical Data Sheet

Model	Mpa	EAS10	EAS15	EAS20	EAS30	EAS40	EAS50	EAS60	EAS75	
Max air displacement/ discharge pressure m ³ /min	0.8	1.2	1.6	2.3	3.4	5.0	6.1	7.5	9.8	
	1.0	1.0	1.3	2.0	3.1	4.3	5.5	7.0	8.6	
	1.25	0.8	1.0	1.7	2.7	3.8	4.9	6.0	7.6	
	1.5	0.6	0.8	1.3	2.0	2.8	3.6	4.5	6.0	
Working Mode of Cooler	Air cooling/water cooling									
Discharge Temperature	°C	Air cooling ≤ environmental temperature +10°C, water cooling ≤ 40°C								
Volume of lubricating oil	L	10	10	10	11	13	18	25	25	
Noise	dB(A)	66±2	66±2	68±2	70±2	70±2	72±2	73±2	73±2	
Motor	Power	KW/HP	7.5/10	11/15	15/20	22/30	30/40	37/50	45/60	55/75
	Start mode	Direct driven Y-Δstart								
	Voltage	380V/50Hz								
Dimension	Length	mm	880	1020	1020	1180	1250	1350	1450	1500
	Width	mm	670	780	780	820	900	990	1150	1150
	Height	mm	950	1130	1130	1200	1250	1340	1400	1550
Weight	kg	300	390	410	500	590	700	880	1060	
Caliber of Air-vent	inch	G3/4"	G1"	G1"	G1-1/4"	G1-1/4"	G1-1/4"	G1-1/2"	G2"	

Portable Air Compressor With Tank

Technical Data Sheet

Model	Discharge (m ³ /min)			Power kw/hp	Tank liter	Oil Dosage liter	Dimension mm
	7kgf/cm ²	8kgf/cm ²	10kgf/cm ²				
EAS07-260	1.0	0.9	0.7	5.5/7.5	260	6	1840X970X1550
EAS10-260	1.3	1.2	1.0	7.5/10	260	10	1840X970X1550
EAS10-400	1.3	1.2	1.0	7.5/10	400	10	1840X970X1650
EAS15-400	1.8	1.6	1.3	11/15	400	10	1980X1070X1760
EAS20-400	2.5	2.3	2.0	15/20	400	10	2100X1850X530

Specification Subject To Change Without Notice In Advance.

Piston Air Compressor Series



Air Cooled Piston Compressor (One Stage & Two Stage)

Technical Data Sheet

Model		EC-51	EV-51	EV-65	ET-65					
Power	KW/HP	0.75/1	1.5/2	2.2/3	3/4					
Discharge Volume	Nm ³ /min	0.09	0.21	0.28	0.42					
Working Pressure	Bar(kg/c)	8	8	8	8					
Tank capacity	L	29	60	95	110					
Overall Dimensions	Length mm	670	920	1100	1260					
	Width mm	320	440	480	480					
	Height mm	660	710	780	800					
Model		EV-80	EV-90	ET-80	ET-90	ET-100				
Power	KW/HP	4/5	5.5/7.5	5.5/7.5	7.5/10	7.5/10				
Discharge Volume	Nm ³ /min	0.52	0.67	0.96	1.08	1.36				
Working Pressure	Bar(kg/c)	8	8	8	8	8				
Tank capacity	L	140	160	160	160	260				
Overall Dimensions	Length mm	1260	1460	1460	1460	1500				
	Width mm	540	580	530	530	660				
	Height mm	920	1020	1050	1050	1230				
Model		ET-15100	ET-120	ET-20120	EM-120	EM-25120	4V-80	4V-120	4V-25120	4V-30120
Power	KW/HP	11/15	11/15	15/20	15/20	18.5/25	7.5/10	15/20	18.5/25	22/30
Discharge Volume	Nm ³ /min	1.67	1.8	2.12	2.5	3.0	1.36	2.5	2.8	3
Working Pressure	Bar(kg/c)	8	8	8	8	8	8	8	8	8
Tank capacity	L	300	300	300	300	300	260	500	500	500
Overall Dimensions	Length mm	1700	1700	1700	1840	1840	1580	1980	1980	1980
	Width mm	700	750	750	750	750	670	870	870	870
	Height mm	1250	1400	1400	1400	1400	1380	1460	1460	1460
Model		HET-65	HET-80	HET-90	HET-100	HEM-10105	HET-120			
Power	KW/HP	3/4	5.5/7.5	7.5/10	7.5/10	7.5/10	11/15			
Discharge Volume	Nm ³ /min	0.36	0.58	0.72	0.9	1.26	1.36			
Working Pressure	Bar(kg/c)	12.5	12.5	12.5	12.5	12.5	12.5			
Tank capacity	L	110	160	160	260	260	300			
Overall Dimensions	Length mm	1140	1510	1510	1500	1500	1700			
	Width mm	460	620	620	660	660	750			
	Height mm	760	1090	1090	1220	1200	1400			

Specification Subject To Change Without Notice In Advance.

Oil-free Piston Air Compressor

- 100% completely oil-free, providing clean compressed air. Self lubrication piston ring and sealing bearing, no oil in crankcase.
- The entire process of compression is no oil, so the resulting compressed air is naturally 100% oil-free.
- Widely used in medical, food, micro-electronics, laser and other requirements of completely oil-free compressed air occasions.



Technical Data Sheet

Model		OL-80	OL-90	OL-100	OL-150	OL-200
Power	KW/HP	4/5	5.5/7.5	7.5/10	11/15	15/20
Discharge Volume	Nm³/min	0.45	0.6	0.9	1.36	2.0
Working Pressure	Bar(kg/c)	7	7	7	7	7
Tank capacity	L	160	160	260	300	300
Overall Dimensions	Length	mm	1460	1510	1500	1300
	Width	mm	560	620	660	1250
	Height	mm	1050	1090	1250	1200

Specification Subject To Change Without Notice In Advance.

Medium Pressure Air Cooled Piston Air Compressor (30 Bar)

- 100% cast iron crankcase and individually cast cylinder
- Efficient fin cooler
- Solid rod
- Starting with unloading device
- Synthetic lubricant oil
- Durable parts



Technical Data Sheet

Model		HET-130	HET-260	HET-390
Power	KW/HP	15/20	30/40	45/60
Discharge Volume	Nm³/min	1.25	2.5	3.75
Working Pressure	Bar(kg/c)	30	30	30
Overall Dimensions	Length	mm	1650	1650
	Width	mm	800	1800
	Height	mm	1200	1200

Specification Subject To Change Without Notice In Advance.



Vertical Piston Compressor

- Portable design Large
- air displacement
- space saving
- Plug in and use

Technical Data Sheet

Model		EV51V40	EV51V90	EV65V27	ET80V27	ET100V100	ET120V100	HET80V27	HET100V100	HET120V100
Bare Pump	Bore mm x Cylinder.Nos	51x1	51x2	65x2	80x3	100x3	120x3	80x2/65x1	100x2/75x1	120x2/90x1
	Max RPM	1400	1200	1200	950	750	700	950	900	800
Motor	KW/HP	1.5/2.0	1.5/2.0	2.2/3.0	5.5/7.5	7.5/10	11/15	5.5/7.5	7.5/10	11/15
Working Pressure	kg/cm²	8	8	8	8	8	8	12	12	12
	PSI	116	116	116	116	116	116	174	174	174
Displacement	L/min	90	210	280	960	1360	1800	580	900	1360
	CFM	3.2	7.4	9.9	33.9	47.7	63.6	20.5	31.8	48.1
Tank Capacity	Lit	40	90	227	227	1000	1000	227	1000	1000

Specification Subject To Change Without Notice In Advance.

Gasoline Drive Piston Compressor

- Portable design
- Easy to use outdoor
- Easy to transport



Technical Data Sheet

Model		EV65G75	EV70G90	HET70G113	HET80G113	HET80G227	HEV80G113	HET90G113	HET90G227
Bare Pump	Bore(mm) x Cylinder.Nos	65x2	65x2	65x2/51x1	80x2/65x1	80x2/65x1	90x1/65x1	90x2/65x1	90x2/65x1
	Max RPM	1200	1200	1000	950	950	950	950	950
Gasoline Engine	HP _m	5.5	6.5	8	11	11	11	13	13
Working Pressure	kg/c	8	8	12	12	12	12	12	12
	PSI	116	116	174	174	174	174	174	174
Displacement	L/min	280	360	400	580	580	580	720	720
	CFM	9.9	12.7	14.1	20.5	20.5	20.5	25.5	25.5
Tank Capacity	Lit	75	90	113	113	227	113	113	227

Specification Subject To Change Without Notice In Advance.

Refrigeration Air Dryer

Condenser The condenser using copper fin has a high heat transfer efficiency to increase the degree of super cooling and refrigerating capacity.

Refrigerant Compressor International brand compressors with super high energy efficiencies and excellent reliability which guarantee the preeminent performance of refrigerant dryers.

Electric Drain Valve Electric timed drainer is installed with anti-blocking device to prevent any blocking in the drainer.



Technical Data Sheet

Model	ED-10FC/HFC	ED-20FC/HFC	ED-30FC/HFC	ED-50FC/HFC	ED-60FC/HFC	ED-75FC/HFC	ED-100FC/HFC	ED-125FC/HFC	ED-150FC/HFC	
Air processing capacity	Nm ³ /min SCFM	1.5 53	2.8 98	4.0 140	7.0 245	9.0 315	11.0 385	14.0 490	18.0 630	23.0 805
Electricity consumption	Kw	0.64/0.63	0.8/0.9	0.97/1.0	1.38/1.52	1.89/1.99	2.2/2.33	2.8/3.1	3.25/3.55	4.15/4.68
Nozzle size		G3/4"	G1"	G1-1/2"	G1-1/2"	G2"	G2"	G2"	DN50	DN65
Dimension	Length mm	720	720/720	720/720	720/800	720/900	720/1100	780/1250	850/1410	910/1580
	Width mm	500	550/550	600/600	650/650	680/680	680/680	680/680	800/850	850/850
	Height mm	741	741/1051	831/1051	921/1121	1001/1250	1051/1250	1151/1352	1251/1372	1361/1481
Weight	KG	55/69	70/100	80/110	95/124	105/154	120/180	145/204	162/264	224/334
Power		220V/50HZ, 60HZ/1PHASE					380V/50HZ/3PHASE			
Service Conditions		Air inlet temperature 5-45°C, Working pressure 0.4-1.0Mpa, Ambient temperature 2-40°C/ Air inlet temperature 5-80°C, Working pressure 0.4-1.0Mpa, Ambient temperature 2-40°C								
Dew Point Temperature		Pressure dew point 2-10°C								

Model	ED-200FC/HFC	ED-250FC/HFC	ED-300FC/HFC	ED-350FC/HFC	ED-400FC/HFC	ED-500FC/HFC	ED-550FC/HFC	ED-600FC/HFC	
Air processing capacity	Nm ³ /min SCFM	28.0 980	34.0 1190	39.0 1365	45.0 1575	53.0 1855	67.0 2345	80.0 2825	90.0 3150
Electricity consumption	Kw	5.3/5.83	6.17/7.16	9.1/10.5	11.1/11.5	12.55/13.67	14.17/14.5	24/25.6	25/26.5
Nozzle size		DN80	DN100	DN100	DN100	DN100	DN125	DN125	DN125
Dimension	Length mm	1100/1695	1150/1890	1200/2030	1490/2180	1580/2380	1600/1980	1800/2800	1800/2900
	Width mm	900/900	950/950	1000/1000	1050/1100	1100/1300	1250/1250	1300/1430	1300/1500
	Height mm	1381/1601	1481/1701	1531/1711	1562/1800	1662/1900	1600/1800	1812/2400	1812/2400
Weight	KG	254/382	298/445	352/535	474/641	550/760	620/890	750/940	780/980
Power		380V/50HZ/3PHASE							
Service Conditions		Air inlet temperature 5-45°C, Working pressure 0.4-1.0Mpa, Ambient temperature 2-40°C/ Air inlet temperature 5-80°C, Working pressure 0.4-1.0Mpa, Ambient temperature 2-40°C							
Dew Point Temperature		Pressure dew point 2-10°C							

Specification Subject To Change Without Notice In Advance.

Adsorption Air Dryer



Technical Data Sheet

Model	ED-5X	ED-10X	ED-20X	ED-30X	ED-50X	ED-75X	ED-100X	ED-125X	ED-150X	ED-200X	ED-250X	ED-300X	
Air processing capacity	Nm ³ /min	0.8	1.5	3.0	4.0	7.0	12.0	15.0	18.0	22.0	30.0	35.0	39.0
	SCFM	28	52.5	105	140	245	420	525	630	770	1050	1225	1540
Nozzle size	inch	PT3/4"	PT1"	PT1"	PT11/4"	PT11/2"	PT2"	DN65	DN65	DN65	DN80	DN80	DN100
Dimension	Length mm	630	680	800	850	930	1130	1230	1230	1340	1590	1900	2090
	Width mm	305	450	535	550	620	640	800	800	800	950	850	1150
	Height mm	1280	1650	1400	1850	1871	1950	2070	2315	2365	2560	2800	2717
Weight	KG	85	125	180	254	380	580	690	976	1150	1420	1500	2200
Power		220V/50HZ/1PHASE											
Refrigerant		Alumina, molecular sieve											
Service Conditions		Intake temperature ≤45°C, working pressure 0.4-1.0MPa											
Dew Point Temperature		Pressure dewpoint -40°C											

Model	Air processing capacity (m ³ /min)	Air processing capacity SCFM	Electricity consumption (kW/H)	Nozzle size (inch)	Power	Weight (kg)	Overall Dimensions (L×W×H mm)
FD-15	1.5	53.0	0.62	G3/4"	1PH-220V/50HZ	58	720X500X741
FD-30	2.8	98	0.8	G1"	1PH-220V/50HZ	73	720X550X741
FD-40	4	140	0.97	G1 1/2"	1PH-220V/50HZ	83	720X600X831
FD-70	7	245	1.55	G1 1/2"	1PH-220V/50HZ	98	720X650X921
FD-90	9	315	2.1	G2"	1PH-220V/50HZ	108	720X680X1001
FD-110	11	385	2.62	G2"	1PH-220V/50HZ	124	720X680X1051
FD-140	14	490	2.5	G2"	3PH-380V/50HZ	150	780X680X1151
FD-180	18	630	3.6	DN50	3PH-380V/50HZ	177	850X800X1251
FD-230	23	805	5.2	DN65	3PH-380V/50HZ	250	910X850X1361
FD-280	28	980	6.0	DN80	3PH-380V/50HZ	270	1100X900X1381
FD-340	34	1190	7.2	DN100	3PH-380V/50HZ	310	1150X950X1481
FD-390	39	1365	8.9	DN100	3PH-380V/50HZ	370	1200X1000X1531
FD-450	45	1575	11.6	DN100	3PH-380V/50HZ	500	1490X1050X1562
FD-530	53	1855	13.1	DN100	3PH-380V/50HZ	580	1580X1100X1662
FD-670	67	2345	15.3	DN125	3PH-380V/50HZ	661	1600X1250X1600
FD-800	80	2825	24	DN125	3PH-380V/50HZ	780	1800X1300X1812
FD-900	90	3150	25	DN125	3PH-380V/50HZ	800	1800X1300X1812

Specification Subject To Change Without Notice In Advance.

Water Separator

It is an economic, energy saving and perdurable compressed air treatment system which can be used at least 5 years to remove water, oil ,dust and the other impurity.

Technical Data Sheet

Model	Compressor Using	Handling Volume	Working Pressure	Dehumidified Rate	Oil Dispose Rate	Filtration Definition
	HP/KW	m3/min	Mpa			um
EL-200	2/1.5	0.1-0.48	0.8	99%	99%	0.1
EL-300	5/4	0.36-0.67	0.8	99%	99%	0.1
EL-500	10/7.5	0.48-1.56	0.8	99%	99%	0.1
EL-600	20/15	1.5-2.0	0.8	99%	99%	0.1
EL-800	30/22	2.0-3.0	0.8	99%	99%	0.1
HEL-300	5/4	0.36-0.67	1.25	99%	99%	0.1
HEL-500	10/7.5	0.48-1.56	1.25	99%	99%	0.1

Specification Subject To Change Without Notice In Advance.



High Precision Filter

To achieve the high precision filtration quality, it adopting multi layer filter materials including borosilicate fibre, fiberglass, activated carbon fibre, unwoven fabric layer and stainless steel protecting net to provide the real oil free, non-impurity, high quality compressed air.

Technical Data Sheet

GRADE	AO	AA	AX	ACS
Suitable for	Air dryer pre-filter	Air dryer post-filter	Air dryer postfilter	Special for the high precision filtration
Material	Multi layer fiberglass, etc	Multi layer fiberglass, etc	Multi layer fiberglass, etc	Activated carbon
Impurity remove	1µm	0.01µm	0.01µm	0.0001µm
Oil contain	1PPM	0.01PPM	0.009PPM	0.001PPM
Max. Pressure	16kg/cm ²	16kg/cm ²	16kg/cm ²	16kg/cm ²
Max. Temp.	80°C	80°C	80°C	80°C
Pressure Gap	0.09kg/cm ²	0.09kg/cm ²	0.09kg/cm ²	0.09kg/cm ²
Max. Gap	0.35kg/cm ²	0.35kg/cm ²	0.35kg/cm ²	0.35kg/cm ²

Specification Subject To Change Without Notice In Advance.

Air Receiver

Strictly in accordance with the national design standards, we commit to produce the best and safest pressure air tank which has passed strictest tests .

All the pressure vessels manufactured by our company are under supervision of Xiamen Special Equipment Research Institute, therefore you can totally trust the qualities and safety of our products.



Technical Data Sheet

Volume (m3)	Pressure (MPa)	Deigned temperature (°C)	Inner diameter of vessel Φ(mm)	Total Height (mm)	Air inlet		Air outlet		Seat (mm)		Drain valve
					Dimension	Height (mm)	Dimension	Height (mm)	Bor Φ	Diameter Φ	
0.3	1.0	150	500	2115	Rp11/2"	650	Rp11/2"	1750	N/A	463	Rp1/2"
	1.3	150									
	0.8	150									
0.5	1.0	150	600	2115	Rp11/2"	650	Rp11/2"	1850	N/A	563	Rp1/2"
	1.3	150									
	0.8	150									
0.6	1.0	150	650	2250	Rp11/2"	693	Rp11/2"	1793	24	465	Rp3/4"
	1.3	150									
	0.8	150									
1.0	1.0	150	820	2325	Rp11/2"	726	Rp11/2"	1826	24	600	Rp3/4"
	1.3	150									
	0.8	150									
1.5	1.0	150	1000	2950	DN80	748	DN80	1848	24	630	Rp3/4"
	1.3	150									
	0.8	150									
2.0	1.0	150	1000	3090	DN80	748	DN80	2348	24	700	Rp3/4"
	1.3	150									
	0.8	150									
3.0	1.0	150	1200	3290	DN100	850	DN100	2700	24	840	Rp1"
	1.3	150									
	0.8	150									

Specification Subject To Change Without Notice In Advance.

JAGUAR Screw Air Compressor Station



Screw Air Compressor

Air Tank

Air Dryer

Specification Subject To Change Without Notice In Advance.