

ECO AIR



贵在省心
Your Pleasure Counts

贵在省电
Your Electricity Counts

贵在省钱
Your Money Counts

A
bout us



艾高简介

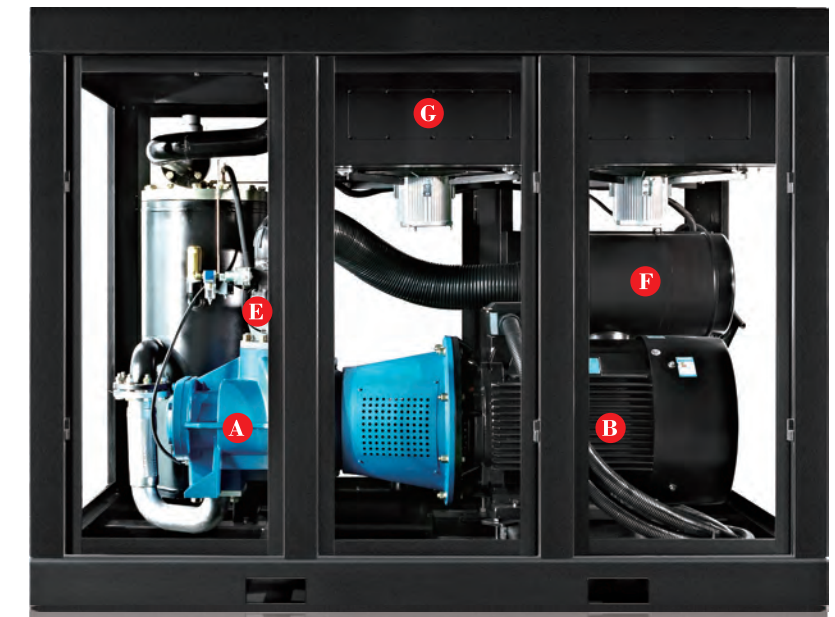
广东艾高装备科技有限公司是国内领先的螺杆式空压机制造商，专业的永磁变频空压机制造商，是节能空压机服务提供商。为了让每个企业都能获得优质、节能、可靠的压缩空气体验，公司引进德国螺杆式空压机先进生产技术，秉持“科学管理、精益求精、注重细节、守约诚信”的质量方针，生产的空压机通过了 ISO 9001:2008 国际质量体系认证，并获得一系列国家权威机构颁发证书；同时，公司打造了一支为客户提供 24 小时“服务+”的成熟团队。

GUANGDONG ECOAIR EQUIPMENT TECHNOLOGY CO., LTD. is a leading manufacturer of rotary screw air compressors in China, a professional manufacturer of permanent magnet variable speed air compressors and an excellent service provider of energy-saving air compressors. In order to enable every enterprise to experience quality, energy-saving and reliable compressed air, the Company has introduced advanced production technology of rotary screw air compressors from Germany. Adhering to quality guidelines of “scientific management, constant striving for perfection, paying attention to details and keeping faith”, its air compressors have been certified by ISO 9001:2008 international quality system and a series of national authorities; besides, the Company has set up a mature team to provide customers with 24h “service+”.

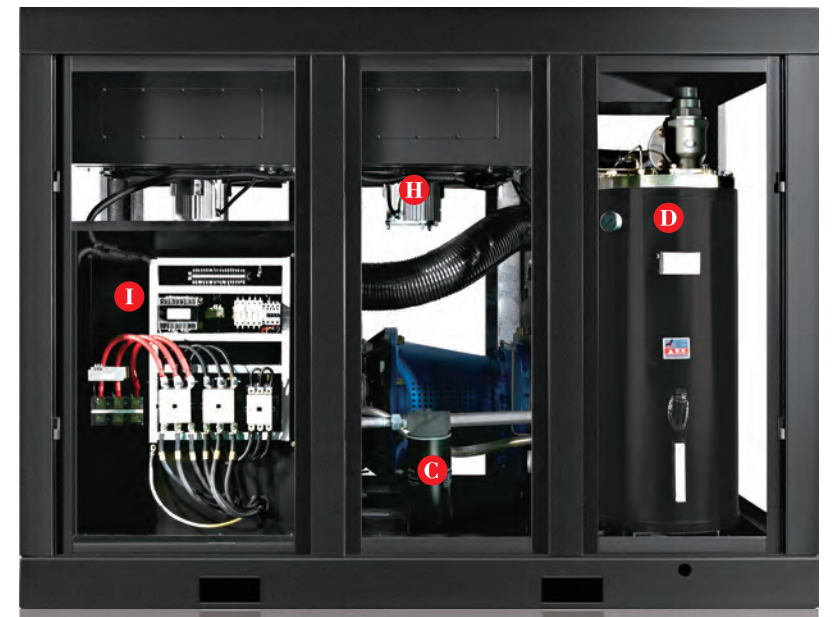




艾高螺杆式空压机图解



- A** 主机
- B** 电机
- C** 油过滤器
- D** 油气分离器
- E** 进气阀



- F** 空气过滤器
- G** 高效冷却器
- H** 高效的轴流风机
- I** EPC智能控制系统

A 主机 Main Machine

世界优质螺杆机，高效率、低转速，转子采用第三代5:6齿型，全球领先的优秀型线设计；具有低噪音、低耗能、低维护费用、高可靠性及使用寿命等特点。
The world high quality screw machine, high efficiency and low speed, the rotor adopts the third generation 5:6 tooth type, the leading type of excellent line design; has characteristics of low noise, low energy consumption, low maintenance cost, high reliability and service life.



B 电机 Motor

特制低转速压缩机专用电机，SKF轴承，绝缘等级F级，防护等级IP54，确保无故障运行。效率较同类产品高3-5%。直连机型采用1:1直接转动，不加增速齿轮，具有大主机、低转速、低噪音、运行可靠、使用寿命长等特点。
Special low speed compressor special motor, SKF bearings, insulation class F, protection class IP54, to ensure that no fault operation. Efficiency is higher than similar products 3-5%. Direct models using 1:1 direct rotation, gear, with host large, low speed, low noise, reliable operation, long life and other characteristics.



C 油过滤器 Oil filter

采用航空用高端材料过滤的旋装式油过滤器，效果比常规滤芯高20%，有效延长主机正常使用寿命。
It is equipped with the rotary-type oil filter made of high-end material for aviation. Its effect is 20% higher than that of common filter element, so it extends normal service life of the compressor effectively.



D 油气分离器 Oil-Air Separator

超大容量的油气分离器，品质优越的油气分离元件和气、液过滤元件，配以设计先进的三次油气分离技术，含油量控制在2ppm以下，保证压缩空气的高质量。
Ultra high capacity oil-gas separator, excellent oil-gas separation elements, gas and liquid filter elements and advanced 3-time oil-gas separation technology design keep oil content below 2ppm and ensure high quality of compressed air.



E 进气阀 Air Inlet Valve

设计先进的气阀，进气调整范围0-100%，容量阀调节，压力损失小，动作稳定，寿命长。
Advanced design of the air valve, adjustment range of inlet air: 0-100%, adjusted by the capacity regulating valve, featured in low pressure loss, stable running and long service life.



F 空气过滤器 Air Filter

采用具有较高的容尘能力和较低的流动阻力设计，可滤除空气中的微小固体颗粒，除尘效果达99.5%，确保系统的各个零部件的功能正常运行和经济的使用寿命。
High dust holding capacity and low flow resistance design is applied, so it can filter tiny solid particles in air, reaches 99.5% dust removal efficiency and makes sure normal running and long service life of every part of the system.



G 高效冷却器 Efficient Cooler

采用超大换热面积设计，提高冷却效率，有效防止机器高温，内壁做防腐处理，适应更恶劣的工况，延长使用寿命。
It has large heat exchange area design, so it can improve cooling efficiency and prevent the machine from high temperature effectively. Antiseptic treatment is carried out to its inner wall, so it is applicable for severe working conditions and its service life is extended.



H 高效的轴流风机 Efficient Axial-flow Fan

低速风机，寿命更长。冷却器及风机可独立拆卸，20%的冷却富余量。最佳搭配可满足50℃环境温度。
Low-speed fan, long service life; Cooler and fan can disassemble independently, 20% full of cooling; Able to be suitable under the temperature of 50℃.



I EPC智能控制系统 Color Touch Screen Microcomputer Control System

配备EPC智能控制系统，保障机器全自动智能化运行，对排气压力、温度等现场数据进行检测，通过进气阀将排气压力控制在所预置的压力上下限之间，从而输出一个稳定的压力。当长时间不用气时，系统自动停机，恢复用气又可再次启动，由此既可输出一个稳定的压力又达到节能效果。在运动过程中可对各种现场故障进行显示及处理，最大限度保证空压机的可靠运行，提高了其使用寿命。
EPC intelligent control system, fully automatic machine intelligent operation security, to detect the exhaust pressure and temperature field data, through the intake valve to control exhaust pressure in the preset pressure between the upper and lower limits, so as to output a stable pressure. When the gas is not used for a long time, the system is automatically shut down, and the recovery gas can be started again, so that a stable pressure can be output and energy saving effect can be achieved. The display and processing of various kinds of field faults can be carried out in the course of the movement, which can ensure the reliable operation of the air compressor, and improve the service life of the air compressor.





排热降噪能手 Expert Of Heat and Noise Rejection



采用高效冷却系统，即使在高温环境下，也能稳定工作；同时开放式冷却器设计安装在机器侧面，可转动打开，快速保养、清洗、人性化设计；加上采用艾高优异的降噪系统，让空压机即使在恶劣的工况下也能高效运行。

Efficient cooling system, even at high temperatures, but also stable operation; at the same time open cooler design and installation of the machine side, rotatable open, fast maintenance, cleaning, user-friendly design; coupled with excellent noise reduction system ECOAIR let the compressor even in harsh conditions also can run efficiently.

前置过滤网 Pre-filter Screen



外部空气进入机体前安装有过滤网，对进入压缩机的空气进行有效的初过滤。

External air into the body before the installation of a filter network, filter the air entering the air compressor preliminarily and effectively.

适用各种环境的选项 Applicable Environmental Option



1. 低温选项，低于零度情况下使用；
2. 高温情况，稳定运行于世界多个恶劣工作角落；
3. 电源切断再启动选项，可恢复切断前状态；
4. intellisys 控制选项，更精确的压力控制、节能控制；
5. 室外安装选项，防止水渗入，可在排气口另加排气罩。

1. Low-temperature option, which is lower than zero circumstances;
2. High-temperature option, stable operation of many bad working places;
3. Cutting off power and restarting option, restore the state before cutting;
4. Intellisys controlling option, more accurate pressure controlling and energy-saving controlling;
5. Outdoor installation option, prevent water infiltration and add the exhaust hood to the exhaust vent.



A 系列皮带螺杆式空压机参数表 Technical Parameters of ECOAIR A-series Belt Screw Air Compressor

项目 Project	型号 Model	Mpa	A5	A7	A11	A15	A18	A22	A30	A37	A45	A55	A75
排气量 / 排气压力 (M ³ /min) Gas Displacement/Exhaust Pressure	排量 /m ³ /min 压力 /Mpa		0.82/0.7	1.20/0.7	1.65/0.7	2.5/0.7	3.22/0.7	3.6/0.7	5.2/0.7	6.58/0.7	8/0.7	10.8/0.7	13.6/0.7
			0.73/0.8	1.1/0.8	1.53/0.8	2.4/0.8	3.01/0.8	3.56/0.8	5.06/0.8	6.26/0.8	7.7/0.8	10.1/0.8	13/0.8
			0.65/1.0	0.95/1.0	1.32/1.0	2/1.0	2.52/1.0	3.07/1.0	4.53/1.0	5.8/1.0	7/1.0	8.5/1.0	11.8/1.0
			0.58/1.2	0.8/1.2	1.1/1.2	1.75/1.2	2.3/1.2	2.84/1.2	3.9/1.2	5.06/1.2	5.8/1.2	7.69/1.2	10/1.2
压缩机级数 Stage Type			单级 Monopole										
环境温度 Environmental Temperature	°C		-5~ +45°C										
冷却方式 Cooling Mode			风冷 Air Cooling										
排气温度 Exhaust Gas Temperature	°C		环境温度 +15°C/ Environment Temp+15°C(风冷型 Air-Cooling)										
噪音 Noise	dB(A)		63±2		64±2			68±2			70±2		74±2
驱动方式 Drive Mode			皮带传动 Belt Drive										
电源 Power Supply	V/ph/Hz		380/3/50										
功率 Power	kW		5.5	7.5	11	15	18.5	22	30	37	45	55	75
启动方式 Starting Mode			Y-▲启动 Start										
外型尺寸 Overall Dimension	长 Length	mm	800	800	800	1000	1200	1200	1200	1420	1420	1740	1800
	宽 Width	mm	730	730	730	750	800	800	800	900	900	1060	1200
	高 High	mm	900	900	900	1120	1220	1220	1220	1400	1400	1660	1660
重量 Weight	kg		220	240	450	470	620	650	750	1060	1200	1750	1820
出口管径 Outlet Pipe Diameter	inch		G 3/4"	G 3/4"	G 3/4"	G 3/4"	G1"	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"

艾高螺杆式空压机

ECOAIR Screw Air Compressor



AG 系列直联螺杆式空压机参数表 Technical Parameters of ECOAIR AG-series Direct-coupled Screw Air Compressor

项目 Project	型号 Model	Mpa	AG22	AG30	AG37	AG45	AG55	AG75	AG90	AG110	AG132	AG160	AG185	AG220	AG250	AG280	AG315
排气量 / 排气压力 (M ³ /min) Gas Displacement/Exhaust Pressure	排量 / m ³ / min 压力 / Mpa		3.65/0.7	5.2/0.7	6.58/0.7	8/0.7	10.8/0.7	13.6/0.7	16.2/0.7	21.6/0.7	25.2/0.7	28.7/0.7	32.5/0.7	37.8/0.7	43.7/0.7	50/0.7	58/0.7
			3.56/0.8	5.06/0.8	6.26/0.8	7.7/0.8	10.1/0.8	13/0.8	15.6/0.8	20.1/0.8	24/0.8	27.6/0.8	30.8/0.8	35.7/0.8	41.8/0.8	48/0.8	57/0.8
			3.07/1.0	4.53/1.0	5.8/1.0	7/1.0	8.5/1.0	11.8/1.0	14.3/1.0	17.5/1.0	21/1.0	25.3/1.0	28.2/1.0	32/1.0	38.1/1.0	46.5/1.0	50/1.0
			2.84/1.2	3.9/1.2	5.06/1.2	5.8/1.2	7.69/1.2	10/1.2	14.3/1.2	16/1.2	18.3/1.2	22.4/1.2	25.1/1.2	29.9/1.2	34.9/1.2	41.5/1.2	43.5/1.2
压缩级数 Stage Type		单级 Monopole															
环境温度 Environmental Temperature	°C	-5~ +45°C															
冷却方式 Cooling Mode		风冷 Air Cooling															
排气温度 Exhaust Gas Temperature	°C	< 环境温度 +15°C/ Environment Temp+15°C															
噪音 Noise	dB(A)	63±2			72±2			76±2			80±2			84±2			
驱动方式 Drive Mode		直联 Direct-coupled															
电源 Power Supply	V/ph/Hz	380/3/50															
功率 Power	kW	22	30	37	45	55	75	90	110	132	160	185	220	250	280	315	
启动方式 Starting Mode		Y-▲启动 Start															
外型尺寸 Overall Dimension	长 Length	mm	1320	1600	1600	1560	1800	1900	2100	2360	2460	2630	2856	3092	3092	4450	4450
	宽 Width	mm	780	960	960	980	1200	1200	1400	1360	1420	1500	1898	1944	1944	2140	2140
	高 Height	mm	1255	1400	1400	1400	1460	1480	1780	1800	1800	1860	1895	2143	2143	2250	2250
重量 Weight	kg	760	880	1120	1200	1750	1820	2200	2950	3550	3880	4050	4700	5100	7500	7800	
出口管径 Outlet Pipe Diameter	inch	G1"	G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	DN65	DN65	DN65	DN80	DN80	DN80	DN80	DN100	DN100	

艾高螺杆式空压机

ECOAIR Screw Air Compressor



AGW 系列直联水冷螺杆式空压机参数表 Technical Parameters of ECOAIR AGW-series Direct-coupled Water Screw Air Compressor

项目 Project	型号 Model	Mpa	AGW55	AGW75	AGW90	AGW110	AGW132	AGW160	AGW185	AGW220	AGW250	AGW280	AGW315	AGW355	AGW400	AGW450
排气量 / 排气压力 (M ³ /min) Gas Displacement/Exhaust Pressure	排量 / m ³ / min 压力 / Mpa		10.8/7	13.6/7	17/7	21.6/7	25.2/7	28.7/7	32.5/7	37.8/7	43.7/7	50/7	58/7	67/7	74/7	82/7
			10.1/8	13/8	15.6/8	20.1/8	24/8	27.6/8	30.8/8	35.7/8	41.8/8	48/8	57/8	66/8	73/8	81/8
			8.5/10	11.3/10	14.3/10	17.5/10	21/10	25.3/10	28.2/10	32/10	38.1/10	46.5/10	50/10	56/10	63/10	71/10
			7.69/12	10/12	12.9/12	16/12	18.3/12	22.4/12	25.1/12	29.9/12	34.9/12	41.5/12	43.5/12	47/12	54/12	62/12
压缩级数 Stage Type		单级 Monopole														
环境温度 Environmental Temperature	°C	-5~ +45°C														
冷却方式 Cooling Mode		水冷 Water Cooling														
排气温度 Exhaust Gas Temperature	°C	< 环境温度 +40°C/ Environment Temp+40°C														
噪音 Noise	dB(A)	63±2	72±2			76±2			84±2							
驱动方式 Drive Mode		直联 Direct-coupled														
电源 Power Supply	V/ph/Hz	380/3/50									380、3000、6000、10000/3/50					
功率 Power	kW	55	75	90	110	132	160	185	220	250	280	315	355	400	450	
启动方式 Starting Mode		Y-▲启动 Start														
外型尺寸 Overall Dimension	长 Length	mm	2000	2000	2322	2625	2625	2753	2360	3034	3034	4450	4450	4450	4450	4450
	宽 Width	mm	1680	1680	1516	1736	1736	1768	2753	1944	1944	2140	2140	2140	2140	2140
	高 Height	mm	1730	1730	1820	1905	1905	1985	1768	2045	2045	2250	2250	2250	2250	2250
重量 Weight	kg	1900	3050	2150	3000	3550	4050	1985	4600	5100	7800	8050	8500	8700	9100	
出口管径 Outlet Pipe Diameter	inch	DN50	DN50	DN65	DN80	DN80	DN80	DN80	DN80	DN100	DN100	DN100	DN100	DN125	DN125	