



Yixing Aipu Air System Equipment Co., Ltd

aipukqdl.com



Durable and powerful LG air compressors meet commercial and industrial needs

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: LG
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10t/y



Product Specification

- Exhaust Pressure: 0.8-1.3Mpa
- Displacement: 0.8-72.4m³/min
- Type: LG Micro Oil Screw Air Compressor
- Power Source: Electric
- Motor Power: 7.5-400kW

for more products please visit us on aipukqdl.com

Product Description

Product Description:

The Aipu LG series screw air compressor is built by the Seattle R&D center, which is energy-saving and environmentally friendly. It adopts a unique rotor tooth shape, matched with durable bearings and triple shaft seals, with excellent performance and leakage prevention. The exhaust volume can be infinitely adjusted from 0 to 100%, providing on-demand gas supply and excellent energy-saving effect. Efficient cooling system, coupled with advanced axial flow cooling fans and noise reduction design, significantly reduces energy consumption and noise. Direct connection design, low speed, smooth operation, effectively reduces noise, vibration, and exhaust temperature, making the service life longer.

Core advantages:

Excellent energy efficiency

The LG screw air compressor, designed by dozens of technicians from the Seattle North American R&D center with the patented "Y" line as its core, has achieved international leading performance and provides more reliable energy-saving and environmental protection solutions for various industries, shaping a model of energy conservation and emission reduction in the industry.

Core technology



More energy-efficient high-efficiency screw host

Adopting a two-stage compression and inter stage cooling working mode, the compression process is closer to isothermal compression, resulting in higher efficiency

Reasonably allocate compression ratios and optimize bearing design

Low noise, low vibration, high reliability

Two stage compression reduces the compression ratio of each stage, reduces internal leakage, improves volumetric efficiency, reduces bearing load, and extends the lifespan of the host

Screw compression host

The dedicated rotor tooth profile provides excellent performance for each model of machine head

Durable axial and radial bearings ensure an extremely long lifespan

Eliminate leakage issues with triple axle seals in critical areas

Wear resistant shaft sleeve with O-ring seal ground through precision hardening, easy to maintain

Each product has world-class performance and efficiency, producing larger displacement with smaller motor horsepower

Complete customized gas volume control system

The positive and negative proportional valves provide 100% feedback of the pressure signal to the servo cylinder and intake control valve. The intake control valve implements a 0-100% stepless adjustment of the exhaust volume, ensuring that the supply and consumption of air are consistent, resulting in excellent energy-saving effects.

The temperature control valve sets the opening and closing temperature, automatically adjusts the temperature of the lubricating oil, maintains the optimal viscosity of the lubricating oil, ensures that the exhaust temperature is above the pressure dew point temperature, and extends the replacement cycle of the lubricating oil.

The minimum pressure valve ensures the required fuel injection pressure for maintaining the lubrication of the machine body, reduces the air flow rate of the oil and gas separator, and achieves the best oil and gas separation effect. It also has the function of a one-way valve.

Efficient cooling system

Low power consumption and low noise

Efficient axial flow cooling fan

Adopting intake and exhaust noise reduction design

Product Selection Table:

LG single-stage electric solid series

Product Model	Maximum exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
LG7.5-8	0.8	1.2	7.5	¢1	260	1020×660×1050
LG7.5-10	1	1	7.5	¢1	260	1020×660×1050
LG7.5-13	1.3	0.8	7.5	¢1	260	1020×660×1050
LG11-8	0.8	1.7	11	¢1	420	1060×760×1230
LG11-10	1	1.5	11	¢1	420	1060×760×1230
LG11-13	1.3	1.2	11	¢1	420	1060×760×1230
LG15-8	0.8	2.3	15	¢1	440	1060×760×1230
LG15-10	1	2.1	15	¢1	440	1060×760×1230
LG15-13	1.3	1.6	15	¢1	440	1060×760×1230
LG18-8GA	0.8	3.37	18.5	¢1	510	1370×900×1110
LG22-8GA	0.8	4.2	22	¢1	540	1370×900×1110
LG30-8GA	0.8	5.8	30	¢1/2	650	1600×960×1220
LG37-8GA	0.8	7	37	¢1/2	700	1600×960×1220
LG45-8GA	0.8	8.7	45	¢1/2	880	1630×960×1220
LG55-8GA	0.8	10.5	55	¢1/2	1090	1850×1200×1500
LG75-8GA	0.8	14.2	75	¢2	1550	2160×1220×1580
LG75-10GA	1	11.6	75	¢2	1550	2160×1220×1580
LG75-13GA	1.3	9.5	75	¢2	1550	2160×1220×1580
LG90-8GA	0.8	17.2	90	¢2	2000	2160×1320×1580
LG90-10GA	1	14.2	90	¢2	2000	2160×1320×1580
LG90-13GA	1.3	11.6	90	¢2	2000	2160×1320×1580
LG110-8GA	0.8	20.8	110	DN65	2700	2440×1400×1710
LG110-10GA	1	16.9	110	DN65	2700	2440×1400×1710
LG110-13GA	1.3	13.9	110	DN65	2700	2440×1400×1710
LG132-8GA	0.8	24.3	132	DN65	2800	2440×1400×1710
LG132-10GA	1	20.9	132	DN65	2800	2440×1400×1710
LG132-13GA	1.3	16.5	132	DN65	2800	2440×1400×1710
LG160-8GA	0.8	30	160	DN80	4200	3060×1860×2050
LG160-10GA	1	23.8	160	DN80	4200	3060×1860×2050
LG160-13GA	1.3	20.5	160	DN80	4200	3060×1860×2050
LG185-8GA	0.8	33.5	185	DN80	4250	3060×1860×2050
LG185-10GA	1	29.5	185	DN80	4250	3060×1860×2050
LG185-13GA	1.3	23.6	185	DN80	4250	3060×1860×2050
LG200-8GA	0.8	36.8	200	DN80	4300	3060×1860×2050
LG200-10GA	1	32.9	200	DN80	4300	3060×1860×2050
LG200-13GA	1.3	29.2	200	DN80	4300	3060×1860×2050
LG220-8GA	0.8	42.5	220	DN100	4800	3360×2160×2170
LG200-10GA	1	32.9	200	DN80	4300	3060×1860×2050
LG200-13GA	1.3	29.2	200	DN80	4300	3060×1860×2050
LG220-8GA	0.8	42.5	220	DN100	4800	3360×2160×2170
LG220-10GA	1	36.5	220	DN100	4700	3360×2160×2170
LG220-13GA	1.3	32.8	220	DN100	4700	3360×2160×2170
LG250-8GB	0.8	45.5	250	DN100	5450	3360×2160×2170
LG250-8GA	0.8	43.8	250	DN100	5000	3360×2160×2170
LG250-10GA	1	41.9	250	DN100	4870	3360×2160×2170
LG250-13GA	1.3	36.2	250	DN100	4770	3360×2160×2170
*LG280-8GA	0.8	49.8	280	DN125	7000	3660×2260×2325
*LG280-10GA	1	44.7	280	DN125	7000	3660×2260×2325
*LG280-13GA	1.3	41.5	280	DN125	7000	3660×2260×2325
*LG315-8GA	0.8	55	315	DN125	7100	3660×2260×2325
*LG315-10GA	1	49	315	DN125	7200	3660×2260×2325
*LG315-13GA	1.3	44.1	315	DN125	7200	3660×2260×2325
*LG355-8GA	0.8	60.6	355	DN125	7400	3660×2260×2325
*LG355-10GA	1	54.6	355	DN125	7400	3660×2260×2325
*LG355-13GA	1.3	48.5	355	DN125	7400	3660×2260×2325
*LG400-8GA	0.8	72.4	400	DN125	7400	4260×2260×2260
*LG400-10GA	1	60	400	DN125	7400	4260×2260×2260
*LG400-13GA	1.3	54.2	400	DN125	7400	4260×2260×2260

*Note: The cooling part of the LG400 unit is separate from the unit.

The () indicates non-standard customized products.

LG single-stage electric solid series products (water-cooled)

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
LGS110-8GA	0.8	20.8	110	DN65	2730	2500×1400×1710
LGS110-10GA	1.0	16.9	110	DN65	2730	2500×1400×1710
LGS110-13GA	1.3	13.9	110	DN65	2730	2500×1400×1710
LGS132-8GA	0.8	24.0	132	DN65	2800	2500×1400×1710
LGS132-10GA	1.0	20.9	132	DN65	2800	2500×1400×1710
LGS132-13GA	1.3	16.5	132	DN65	2800	2500×1400×1710
LGS160-8GA	0.8	30.0	160	DN80	3300	2860×1860×1990
LGS160-10GA	1.0	23.8	160	DN80	3300	2860×1860×1990
LGS160-13GA	1.3	20.5	160	DN80	3300	2860×1860×1990
LGS185-8GA	0.8	33.5	185	DN80	3400	2860×1860×1990
LGS185-10GA	1.0	29.5	185	DN80	3400	2860×1860×1990
LGS185-13GA	1.3	23.6	185	DN80	3400	2860×1860×1990
LGS200-8GA	0.8	36.8	200	DN80	4400	3260×2020×2100
LGS200-10GA	1.0	32.9	200	DN80	4400	3260×2020×2100
LGS200-13GA	1.3	29.2	200	DN80	4400	3260×2020×2100
LGS220-8GA	0.8	42.5	220	DN100	4750	3260×2020×2100
LGS220-10GA	1.0	36.5	220	DN100	4650	3260×2020×2100
LGS220-13GA	1.3	32.8	220	DN100	4650	3260×2020×2100
LGS250-8GA	0.8	45.5	250	DN100	5400	3260×2020×2100
LGS250-10GA	1.0	41.9	250	DN100	4820	3260×2020×2100
LGS250-13GA	1.3	36.2	250	DN100	4720	3260×2020×2100
LGS280-8GA	0.8	49.8	280	DN125	6200	3660×2260×2275
LGS280-10GA	1.0	44.7	280	DN125	6200	3660×2260×2275
LGS280-13GA	1.3	41.5	280	DN125	6200	3660×2260×2275
*LGS315-8GA	0.8	55.0	315	DN125	6400	3660×2260×2275
*LGS315-10GA	1.0	49.0	315	DN125	6400	3660×2260×2275
*LGS315-13GA	1.3	44.1	315	DN125	6400	3660×2260×2275
*LGS355-8GA	0.8	60.6	355	DN125	6500	3660×2260×2275
*LGS355-10GA	1.0	54.6	355	DN125	6500	3660×2260×2275
*LGS355-13GA	1.3	48.5	355	DN125	6500	3660×2260×2275
*LGS400-8GA	0.8	72.4	400	DN125	6600	4260×2260×2260
*LGS400-10GA	1.0	60.0	400	DN125	6600	4260×2260×2260
*LGS400-13GA	1.3	54.2	400	DN125	6600	4260×2260×2260

LG series mining safety products

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
DLGF 2.5/10-22	1.0	2.5	22	G1	500	1370×900×1100
DLGF 3.3/10-30	1.0	3.3	30	G1	500	1370×900×1100
DLGF 31.5/8-185(A)	0.8	31.5	185	DN80	3860	3060×1860×2050
DLGF 36/8-200(A)	0.8	36.0	200	DN80	3900	3060×1860×2050
DLGF 40.5/8-250(A)	0.8	40.5	250	DN80	3930	3060×1860×2050
DLGF 43.5/8-250(A)	0.8	43.5	250	DN100	5100	3360×2100×2170
DLGF 49/8-280(A)	0.8	49.0	280	DN100	5200	3360×2100×2170
DLGF 54.5/8-315(A)	0.8	54.5	315	DN125	7500	3660×2260×2325
DLGF 62/8-355(A)	0.8	62.0	355	DN125	7700	3660×2260×2325
DLGF 43.5/8-250(A)-6KV	0.8	43.5	250	DN100	5400	3510×2220×2170
DLGF 49/8-280(A)-6KV	0.8	49.0	280	DN100	5500	3510×2220×2170
DLGF 62/8-355(A)-6KV	0.8	62.0	355	DN125	6880	3660×2250×2400

LG two-stage compression electric solid series products

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
KLT120-7	0.7	18.12	90	DN65	2000	2260×1440×1680
KLT120-8	0.8	17.95				
KLT120-10	1	15.3				
KLT150-7	0.7	21.8	110	DN65	2290	2230×1460×1840
KLT150-8	0.8	21.59				
KLT150-10	1	17.77				
KLT180-7	0.7	26.72	132	DN65	2350	2230×1460×1840
KLT180-8	0.8	26.46				
KLT180-10	1	21.37				
KLT215-7	0.7	31.75	160	DN80	3860	3060×1860×2050
KLT215-8	0.8	31.44				
KLT215-10	1	25.91				
KLT250-7	0.7	36.62	185	DN80	3900	3060×1860×2050
KLT250-8	0.8	36.26				
KLT250-10	1	31.27				
KLT270-7	0.7	41.00	200	DN80	3930	3060×1860×2050
KLT270-8	0.8	40.61				
KLT270-10	1	32.95				
KLT295-7	0.7	43.94	220	DN100	5100	3360×2100×2170
KLT295-8	0.8	43.51				
KLT295-10	1	35.97				
KLT335-7	0.7	49.57	250	DN100	5700	3360×2100×2170
KLT335-8	0.8	49.08				
KLT335-10	1	40.18				
KLT375-7	0.7	55.19	280	DN125	6350	3660×2260×2325
KLT375-8	0.8	54.65				
KLT375-10	1	46.03				
KLT420-7	0.7	62.46	315	DN125	6450	3660×2260×2325
KLT420-8	0.8	61.85				
KLT420-10	1	54.08				
KLT475-7	0.7	70.24	355	DN125	6540	3660×2260×2325
KLT475-8	0.8	69.55				
KLT475-10	1	61.21				

FBLGF Fixed Series Industrial Explosion proof Products (Class II Explosion proof Products)

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
FBLGF18/08-90Y	0.8	18.0	90	DN65	2180	2590×1440×1680
FBLGF21/08-110Y	0.8	21.6	110	DN65	2480	2860×1460×1840
FBLGF26/08-132Y	0.8	26.5	132	DN65	2570	2860×1460×1840
FBLGF31.5/08-160Y	0.8	31.4	160	DN80	4150	3200×1860×2050
FBLGF36/08-185Y	0.8	36.3	185	DN80	4450	3200×1860×2050
FBLGF40.5/08-200Y	0.8	40.6	200	DN80	4200	3200×1860×2050
FBLGF43.5/08-220Y	0.8	43.5	220	DN100	5950	3660×2100×2170
FBLGF49/08-250Y	0.8	49.08	250	DN100	6050	3660×2100×2170

PMVT series mining safety products

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
DLGF 31.5/8-185B(A)	0.8	31.5	185	DN80	3650	3200×1860×2050
DLGF 36/8-200B(A)	0.8	36.0	200	DN80	3900	3200×1860×2050
DLGF 40.5/8-250B(A)	0.8	40.5	250	DN80	3960	3200×1860×2050
DLGF 43.5/8-250B(A)	0.8	43.5	250	DN100	4900	3660×2100×2170
DLGF 49/8-280B(A)	0.8	49.0	280	DN100	5450	3660×2100×2170
DLGF 54.5/8-315B(A)	0.8	54.5	315	DN125	5900	3860×2260×2325
DLGF 62/8-355B(A)	0.8	62.0	355	DN125	6300	3860×2260×2325

PMVT permanent magnet series products

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
PMVT120	0.7-0.8	17.95-18.12	90	DN65	1800	2460×1440×1680
PMVT150	0.7-0.8	21.59-21.80	110	DN65	2180	2660×1460×1840
PMVT180	0.7-0.8	26.46-26.72	132	DN65	2250	2660×1460×1840
PMVT215	0.7-0.8	31.44-31.75	160	DN80	3650	3200×1860×2050
PMVT250	0.7-0.8	36.26-36.62	185	DN80	3900	3200×1860×2050
PMVT270	0.7-0.8	40.61-41.00	200	DN80	3960	3200×1860×2050
PMVT295	0.7-0.8	43.51-43.94	220	DN100	5350	3660×2100×2170
PMVT335	0.7-0.8	49.08-49.57	250	DN100	5450	3660×2100×2170
PMVT375	0.7-0.8	54.65-55.19	280	DN125	5900	3860×2260×2325
PMVT420	0.7-0.8	61.85-62.46	315	DN125	6300	3860×2260×2325
PMVT475	0.7-0.8	69.55-70.24	355	DN125	6350	3860×2260×2325

PMVQ permanent magnet series products

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/min)	Motor power(KW)	Exhaust interface	Weight(kg)	External dimensions(mm)
PMVQ15	0.6-0.9	2.37-2.88	15	G1	300	1040×720×1160
PMVQ22	0.6-0.9	3.5-4.15	22	G1	380	1150×780×1280
PMVQ37	0.6-0.9	5.9-7.58	37	G11/2	530	1300×900×1350
PMVQ45	0.6-0.9	7.73-9.27	45	G11/2	740	1530×1010×1540
PMVQ55	0.6-0.9	9.99-11.95	55	G11/2	770	1530×1010×1540

Applications:

The LG series has a wide range of applications in industrial manufacturing, such as plastic factories, electronics factories, chemical factories, leather factories, textile factories, etc. It can provide stable gas supply for various production equipment and ensure smooth production processes. In infrastructure projects such as highways, railways, and urban construction, it can drive tools such as pneumatic picks and rock drills to assist in efficient excavation and digging operations. In mining operations, whether it is underground drilling and rock drilling, or open-pit mining operations, the LG series can meet equipment operation requirements with stable air pressure. The water conservancy and shipbuilding industries also rely on it to provide power support for related machinery and equipment. In industries such as energy and military, its reliability also plays an important role in adapting to various harsh work scenarios.

Support and Services:

Our Micro oil screw air compressor product comes with comprehensive technical support and services to ensure that our customers are satisfied with their purchase. Our team of experts is available to provide assistance with installation, operation, and maintenance of the product. We also offer repair and replacement services for any faulty parts or components. Additionally, we provide training and educational resources to help our customers maximize the performance and lifespan of their Micro oil screw air compressor.

Packing and Shipping:

Product Packaging:

The Micro oil screw air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside. Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We provide transportation services for micro oil screw air compressors worldwide. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Aipu.

Q: What is the model number of this product?

A: The model number of this product is Micro oil screw air compressor.

Q: Where is this product made?

A: This product is made in China.

Q: Does this product have any certifications?

A: Yes, this product is certified by CE.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1pc.

Q: Is the price of this product negotiable?

A: Yes, the price of this product is negotiable.

Q: What is the packaging details for this product?

A: The packaging details for this product is container.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 10 days.

Q: What are the payment terms for this product?

A: The payment terms for this product is TT.

Q: What is the supply ability of this product?

A: The supply ability of this product is 10000t/y.



Yixing Aipu Air System Equipment Co., Ltd



13771572002



183426306@qq.com



aipukqdl.com

Yixing Yicheng Street Hardware Electromechanical City, Phase I, Block 5, District 3, 8071