



A Global Leader in Air Compressor Manufacturing



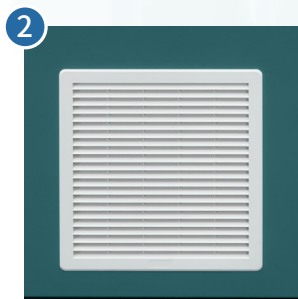
GA Series Screw Air Compressors
15-75KW/7-10.5bar(g)

Variable Speed Drive



- Continuously adjusts speed to actual air demand
- Prevents energy waste during unloaded operation
- Reduces start-up current impact
- Maintains stable system pressure and improves productivity

Independent Cabinet Cooling



- Independent VFD cooling for lower operating temperatures.
- Improved reliability with fewer overheating shutdowns.

Oil Filter

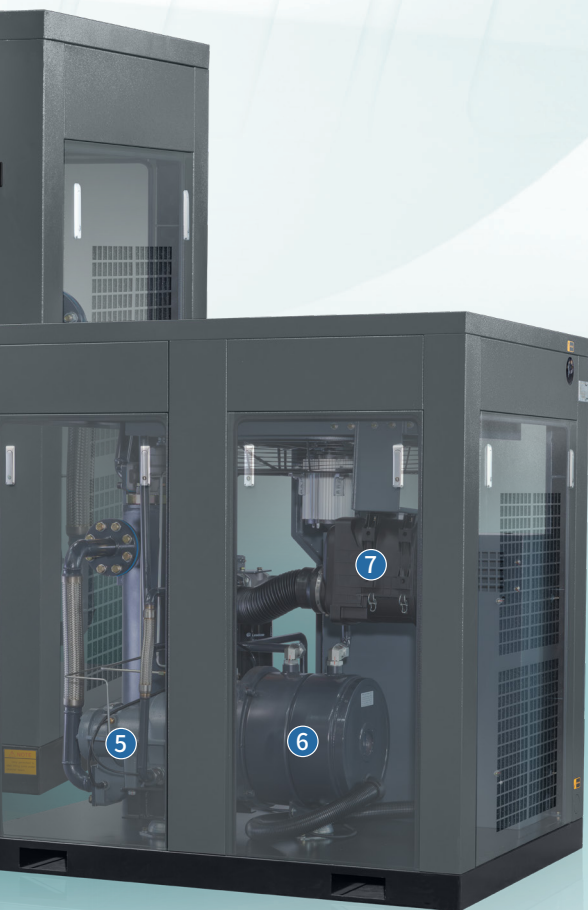


- Efficiently removes contaminants from the lubricant
- Protects airend bearings and the rotor system
- Extends lubricant service life
- Reduces maintenance costs

Air/Oil Separator



- Multi-stage air-oil separation
- Reduces oil carryover in the discharge air
- Reduces lubricant consumption
- Improves compressed-air cleanliness



IP66 High-Protection Motor

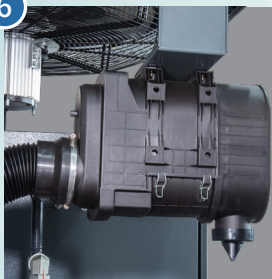
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- IP66 protection effectively prevents the ingress of dust and moisture
- IE5+ ultra-premium efficiency reduces operating energy consumption
- Rare-earth permanent-magnet technology requires no excitation current
- High efficiency across the full operating range, suitable for harsh industrial environments

High-Efficiency Air Filter

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Efficient Single-Stage Airend

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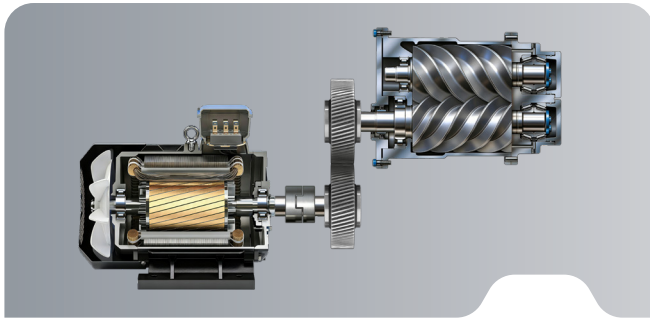


- Efficiently removes dust and particulate contaminants from the intake air
- Extends airend service life
- Reduces the risk of rotor wear
- High-capacity design extends service intervals

- High-efficiency single-stage airend with optimized rotor design.
- Low-speed operation reduces wear and energy use for long, reliable service. Low rotational speed minimizes rotor and bearing wear for extended service life

GA Series Core Technologies

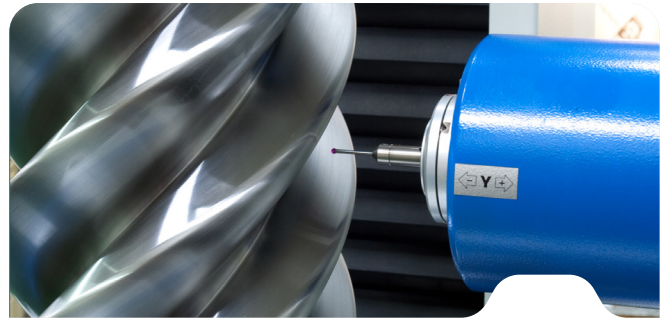
01 High-Efficiency Drive



IE5+ high-efficiency drive system

The GA Series features an IP66 rare-earth permanent-magnet motor with a bearing-free, coupling-free drive. It reduces mechanical losses and energy use by 5–10%, while fewer wear parts ensure lower maintenance, high reliability, and long service life.

02 Proprietary Rotor Profile



Proprietary rotor profile with performance benchmarked against global leaders.

The GA Series features a proprietary rotor profile for higher efficiency, lower energy loss, and stable performance benchmarked against leading global brands.

Mechanical-Loss Reduction
Energy Savings • 5%–10%

Overall Package Efficiency
China Grade 1



High-performance NdFeB permanent magnets: nResists magnet demagnetization at 140 °C (air-cooled) or 180°C (oil-cooled); service life over 15 YEARS



VFD-duty corona-resistant enameled stator windings for outstanding performance and longer service life



Average energy savings of 35%–50% under fluctuating air demand



Lower system operating pressure for greater constant-pressure energy savings



No energy waste during unloaded operation

03 Hydrophobic Intake Filtration



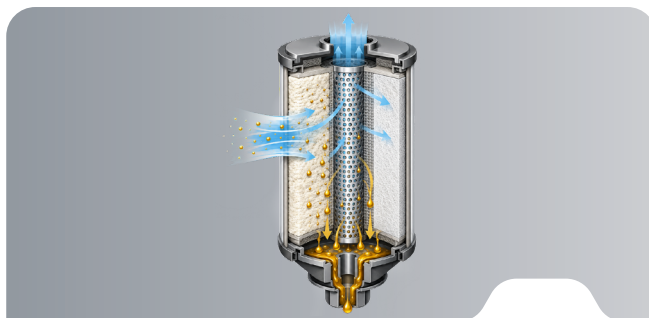
Hydrophobic 3-Micron Filter



The GA Series uses ultra-fine, hydrophobic filtration to capture dust, oil mist, and moisture while resisting clogging in humid conditions. 3-micron filtration protects the compressor system, extends filter life, and reduces maintenance.

Filtration Rating • **3 μ m**

04 External Air-Oil Separator



Easy Maintenance, Low Oil Carryover

The GA Series features an external air-oil separator for easier maintenance and efficient oil separation. Up to 4,000 hours service life and oil carryover as low as 1–3 ppm reduce maintenance time and operating costs.

Separator Element Life: Up to 4,000 h • **Oil Carryover: 1–3 ppm**



Quiet operation with lower noise under comparable operating conditions



Oil-cooled permanent-magnet variable-frequency motor with IE5+ efficiency



Wide AC input voltage range prevents unexpected operational shutdowns



Pressure-based modulation of air delivery



Stable operation in ambient temperatures above 50 °C

GA Series Specifications



Model	Power (kW)	Max. Pressure		FAD		Outlet	Dimensions	Net Weight
		bar(g)	psig	m³/min	cfm	DN/inch	mm	kg
GA15	15	7	101.5	2.86	101.0	G1	1280*800*1385	313
		7.5	108.8	2.85	100.5			
		8	116.0	2.66	94.0			
		8.5	123.3	2.62	92.5			
		10	145.0	2.34	82.6			
		10.5	152.3	2.33	82.3			
GA22	22	7	101.5	4.31	152.2	G1	1280*800*1385	340
		7.5	108.8	4.24	149.7			
		8	116.0	4.06	143.4			
		8.5	123.3	3.71	131.0			
		10	145.0	3.32	117.2			
		10.5	152.3	3.26	115.1			
GA37	37	7	101.5	7.27	256.7	G1-1/2	1440*900*1675	507
		7.5	108.8	7.13	251.8			
		8	116.0	6.89	243.3			
		8.5	123.3	6.83	241.2			
		10	145.0	6.29	222.1			
		10.5	152.3	6.16	217.5			
GA45	45	7	101.5	7.81	275.8	G1-1/2	1350*980*1350	583
		7.5	108.8	7.77	274.4			
		8	116.0	7.74	273.3			
		8.5	123.3	7.45	263.1			
		10	145.0	7.09	250.4			
		10.5	152.3	6.93	244.7			
GA55	55	7	101.5	11.0	388.5	G2	1580*1160*1600	876
		7.5	108.8	10.6	374.3			
		8	116.0	10.1	356.7			
		8.5	123.3	9.80	346.1			
		10	145.0	9.00	317.8			
		10.5	152.3	8.60	303.7			
GA75	75	7	101.5	14.0	494.4	G2	1580*1160*1600	935
		7.5	108.8	13.6	480.3			
		8	116.0	12.9	455.6			
		8.5	123.3	12.5	441.4			
		10	145.0	11.5	406.1			
		10.5	152.3	11.1	392.0			

After-Sales Support in **90+ countries**

Serving customers in more than 90 countries and regions worldwide, LeadCom provides installation guidance, technical support, spare parts supply, and maintenance services. Optional warranties of up to five years help ensure reliable long-term operation.



LeadCom specializes in complete industrial compressed air and gas solutions, covering screw compressors, nitrogen/oxygen generators, vacuum pumps, and high-efficiency blowers. ISO 9001 certified, the company leverages advanced engineering to supply reliable, energy-efficient solutions to customers globally. LeadCom compressors have been fully proven on both the Qinghai-Tibet and Sichuan-Tibet Railway projects, delivering stable performance under extreme high altitude, severe temperature swings, and heavy dust environments.

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