- First China micro oil injection single screw air compressor was manufactured in 1988. Water lubricated oil-free compressor was designed 10 years later and research and development of water-lubricated PET oil-free air compressor in 2008
- Assigned air compressor supplier for 2010 World Exposition and 2008 Olympics
- 《The general water injecting single screw air compressor》 Draft unit of industry standard

GAIRS®

GAIRS GROUP

Oil–free single screw air compressor with water lubricating

Range: 1m³ ~ 60m³ 0.2MPa–4.0MPa

ISO CLASS 0 · TÜV

Environment friendly
Highly efficient Reliable

GAIRS®

SHANGHAI GAIRS MACHINERY SALES CO., LTD

Add：No. 388, Tangming Rd.,Shihudang Industrial Zone,Songjiang District,Shanghai
电话（Tel）：0086-21-57842923 15821005771 邮编（P.C）:201617 (2020.9)
Http：www.gairs.cn E-mail：m18918525134@163.com /chencx@gairs-sales.com

Service Hotline： 0086–158 2100 5771

GAIRS®
GAIRS GROUP

Govern scientific Advance ahead Innovate greatly Repute strictly Serve perfectly

JIALISHI SONGJIANG INDUSTRIAL PARK

Company profile

Shanghai GAIRS Machinery Co., Ltd. (Hereinafter referred to as GAIRS) is a joint-stock business integrating science, industry and trading and is committed to the R&D and manufacturing of universal machinery . With a registered capital of RMB 67.8 million, an area of 68 , 000 m² , and a construction area of 50,000m² , GAIRS is located in the Songjiang Industrial Zone of the international metropolitan of Shanghai.It is the pioneer developing single-screw air compressor in China， the major drafter of national standard of General Oil Injecting Single-screw Air Compressor and the industrial standard of General Water Injecting Single-screw Air Compressor, the single-screw air compre -ssor production/export base designated in the 11th Five-year Plan of the national compressor industry,vice-chairman unit of China General Mechanical Industry Association,vice-director unit of China General Mechanical Industry Associa -tion Compressor Branch,member unit of China Compressor Standardization Technology Committee,National Contract -honoring & Promise-keeping Enterprise and one of China's Top 500 Machinery Units; while GAIRS obtained 2006 Most Competitive Brand from the Ministry of Commerce , Shanghai Famous Trademark; GAIRS air compressor was named Shanghai Famous Brand Product and GAIRS water-lubricating oil-free single-screw air compressor passed the TüV certification.


TÜV CLASS 0

CE

ISO 9001：2015 Standard

ISO 14001：2015 Standard

OHSAS 18001：2007 Standard

4.0mpa certificate of invention patent

0.8-1.0mpa second class compression patent certificate

High-tech enterprise certificate

Golden Rewards of water lubricated oil-free single screw air compressor

BRAND CHINA Authorized by Ministry of Commerce

Water Lubrication Oil-Free
Air compressor

INGENUITUY FOR AIR

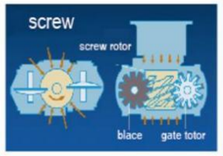
With 30 years' experiences in air compressor, 18 years' in inverter and top end control technology, Gairs developed OGWB Series/OGWY permanent magnetic inverter, and low/medium pressure water lubricating oil–free single screw air compressors which will meet higher air compressor standard requirements. The products are widely used in food processing, pharmaceuti–cal production, fermentation, PET bottle blowing, fine chemicals, precision electronics and instrumentation control and other industries.

intelligent | Efficient | environmentally friendly

Working principle and characteristics of single screw compressor

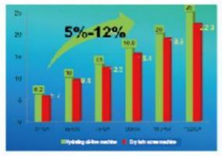
■ Simple constructionLow vibration

The single screw air compressor uses a single screw and two star wheels, one placed on either side of the screw. Radial and axial loads cancel each other, resulting a theoreticallly zero load. This is the most advanced design–ing structure of the single screw air compressor.



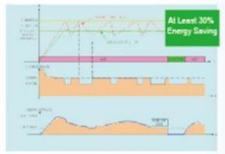
■ High efficiency

Firstly,signle screw air compressor theoretically doesn't have any clear–arance volume. Secondly, the water used as a lubricating medium also seals gap inside the compression chamber, and enables high effcient operation at low speeds. Thirdly, using water as a cooling method keep compressor ideal isothermal compression.



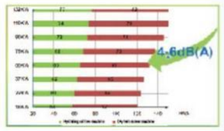
■ Energy saving

When the actual air usage is lower than rated air delivery, compressor consumes extra power without any air output during unloading. However, with inverter, compressor changes the rotation speed of motor depending on detected air pressure, resulting energy saving.



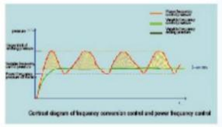
■ Less noise

First, the motor and screw are directly connected without any rotation gear to cause gear noise. Meanwhile, sound absorbing materials are also used in the equipment shell to reduce noise.



■ Stable air delivery

Depending on the valve of pressure sensor, the digital controller change the motor rotation speed through inverter. That is how it controls the discharge air pressure to make stable air output.



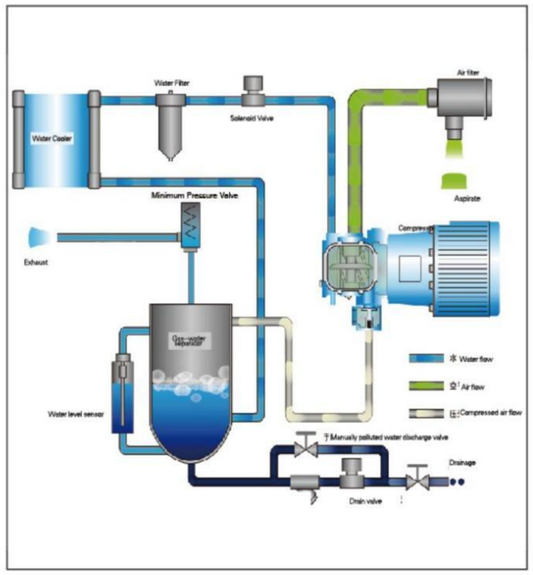
■ Monitorable

Intelligent monitoring is used to prevent accidents. Emergency alarm appears on computers and short messages will also be sent to managers. All these are substantial to the prevention of production accidents.

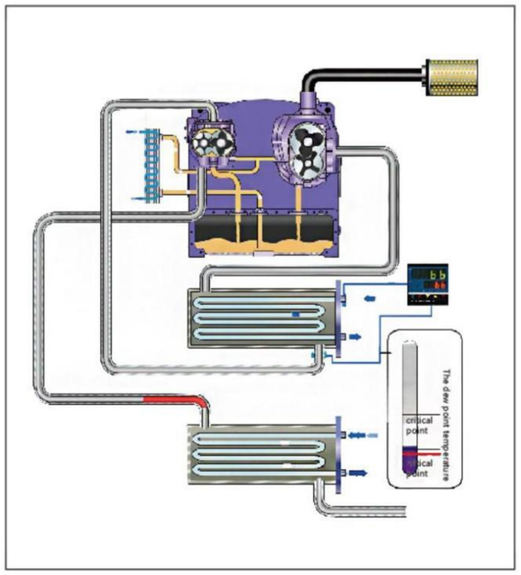
Comparison of water lubricated oil-free single screw air compressor and dry oil-free double screw air compressor

Comparison	Water lubricated oil-free single screw air compressor	Dry oil-free double screw air compressor
Air Discharge Temp.	Cool air discharge (about 50℃)	Hot air discharge (about180–200℃)
Clearance Volume	Rotor has been used twice through one circulation, no clearance volume left.	Rotor has been used once through one circulation, existing clearance volume in main host.
Air Delivery	Ideal Isothermal Compression, air delivery volume is 5–12% more.	Energy lost due to hot air discharge, low air delivery volume
Efficiency	High efficiency, shaft power 5.5–6.0kW/(m³/min)	Low efficiency,shaft power 6.0–6.6kW/(m³/min)
Air Quality	Water sealing, completed no oil, safety air quality	Oil in the gear, high risk of air quality
Air Purity	Purified by water, clean air after separation	Directly compressed then discharge, containing dust and oil stain in discharged air.
Structure Balance	Radial and axial loads cancel each other	Radial load is not been balanced
Noise and Vibration	Simple structure, low vibration and less noise. Normally:60–65dB(A)	High frequency noise due to two screw grinding. Normally: 64–78dB(A)
Durability	Rotation speed 3000r/min, theoretically zero load, long lifetime of screw(30000h),star wheel (50000h)	Rotation speed 18000r/min，high loads on screws, short lifetime of screw (8000 –18000h)
Installation	Only a few spare parts, can be installed and adjusted separately	Complex construction, needs special technical support for installation
Maintenance	Only replaced air and water filter, easy maintenance and low cost	Many spare parts and less maintenance circle, high cost

Water lubricating oil free single screw air compressor engineering flow chart



Double screw dry oil free air compressor engineering flow chart



COMPANY DEVELOPMENT HISTORY

GAIRS®

1988

1988, Company was founded in Wenzhou. First OG series
single screw micro-oil air compressor was designed and produced, breaking Euramerican long-time domination on Chinese market.

1998

1998，first oil-free water lubricated single screw air compressor came out, and the company launched OGWB series into the market on 2004.

2002

2002，OGWBD series low pressure (0.2-0.5MPa) oil-free water lubricated single screw air compressor was put onto the market.

2008

2008, World's first two stage, medium pressure OGWBE 4.0 MPa oil-free water lubricated single screw air compressor was designed and tested, unblocking the piston compressor's domination in medium pressure compressor field.

2016

2016, Our company reserch and development of OGWBC
series (0.8MPa~1.0MPa) two-satge compression energy-
saving water lubriction air compressor into the market in 2016.

China's micro oil injection single screw air compressor was manufactured

0.7-1.2MPa Oil-free Water Lubricated Single Screw Air Compressor

0.2-0.5MPa Oil-free Water Lubricated Single Screw Air Compressor

4.0MPa Oil-free Water Lubricated Single Screw Air Compressor

Atmospheric pressure 0.8-1.0 MPA two-stage compression energy-saving single screw air compressor oil-free and water lubrication

SCREW ROTOR

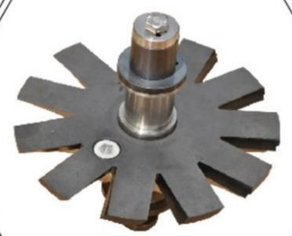
Imported Stainless steel, copper alloy, good wear resistance, heat resistance and corrosion resistance.

AIR WATER SEPARATOR

Medical stainless steel would ensure the air to be clean and safe.

STAR WHEEL

With the use of imported polymers, the star wheels have good abrasion resistance, low noise and long service life.



GAIRS®

GAIRS GROUP

WATER FILTER

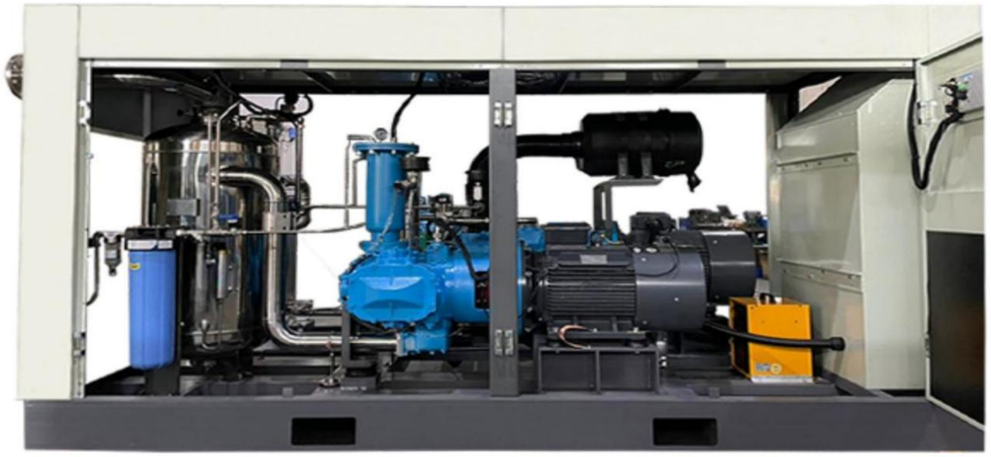
Medical stainless steel would ensure the entire system to be clean.

CONTROL VALVE AND ELECTRICAL EQUIPMENT ACCESSORIES

Adopt imported famous brand component to insure the equipment running stable.

WATER SOFTENER

To derive magnesium ions and calcium ion from water with the ion exchange principle to effectively prevent the host internal circulating water scale and extend the service life of the host.



INOVANCE HMI TOUCH SCREEN

INOVANCE INVERTER

INOVANCE PLC

OGWYD Series Single-stage Compression VSD Water-lubricated Oil-free Single Screw Air Compressor

OGWYD Series (3-4 Bar)

Low Pressure Designed for Glass Bottling, Textile Industry, etc.

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	inch	dB(A)	L x W x H (mm)	kg	T/h	/
OGWY11FD	0.8-3.0	0.3	11	30	1 1/2"	58	1400 x 820 x 1500	620	/	Air
	0.6-2.4	0.4								
OGWY15FD	1.2-4.3	0.3	15	40	2"	60	1690 x 1000 x 1600	650		
	1.0-3.7	0.4								
OGWY22FD	1.8-6.1	0.3	22	60	2 1/2"	61	2000 x 1150 x 1670	1010		
	1.4-5.0	0.4								
OGWY37F(S)D	3.1-10.0	0.3	37	80	2 1/2"	65	2450 x 1550 x 1850	1200		Air
	2.5-8.5	0.4					2300 x 1250 x 1600		8	Water
OGWY45F(S)D	4.2-13.5	0.3	45	100	3"	70	2450 x 1550 x 1850	1500		Air
	3.1-10.0	0.4					2300 x 1250 x 1600		9	Water
OGWY55F(S)D	5.3-17.5	0.3	55	100	4"	71	2700 x 1650 x 2020	2200		Air
	4.1-13.5	0.4					2600 x 1500 x 1900		10	Water
OGWY75F(S)D	7.1-23.0	0.3	75	120	4"	75	2700 x 1650 x 2020	2450		Air
	6.4-20.0	0.4					2600 x 1500 x 1900		15	Water
OGWY90F(S)D	8.7-27.0	0.3	90	150	5"	77	3500 x 2000 x 2100	3000		Air
	7.5-24.0	0.4					3200 x 1600 x 2050	2600	17	Water
OGWY110F(S)D	10.5-33.8	0.3	110	150	5"	78	3500 x 2000 x 2100	3500		Air
	8.7-28.0	0.4					3200 x 1600 x 2050	3000	20	Water
OGWY132F(S)D	14.0-45.0	0.3	132	200	6"	78	4000 x 2000 x 2350	4500		Air
	10.8-35.0	0.4					3600 x 1700 x 2030		25	Water
OGWY160F(S)D	16.2-52.0	0.3	160	250	6"	79	4000 x 2000 x 2350	5000		Air
	13.4-43.0	0.4					3600 x 1700 x 2030		28	Water
OGWY185SD	18.0-58.0	0.3	185	260	6"	79	3800 x 1700 x 2300	5000	35	Water
	18.0-45.0	0.4								
OGWY200SD	19.0-60.0	0.3	200	280	8"	79	3800 x 1700 x 2300	5000	37	
	19.0-48.0	0.4								
OGWY220SD	19.0-67.0	0.3	220	280	8"	79	3800 x 1700 x 2300	5200	39	
	19.0-60.0	0.4								

Please note:
1. OGWY55FD means an air-cooled unit, OGWY55SD means a water-cooled unit.
2. For Lubricant Water/Cycle, "Per cycle" typically refers to 500 running hours.
3. Cooling water capacity is only available with water-cooled units, and the water used should be reverse osmosis (RO) water.

Textiles

Fermentation

Glass blowing

OGWY Series Single-stage Compression VSD
Water-lubricated Oil-free Single Screw Air Compressor

OGWY Series (7-10 Bar)

Standard Pressure Designed for Semiconductor, Pharmaceutical, Food and Beverage Industry, etc.

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	inch	dB(A)	L x W x H (mm)	kg	T/h	
OGWY08F	0.5-1.3	0.7	7.5	20	3/4"	57	1100 x 750 x 1320	430	/	Air
	0.4-1.1	0.8								
	0.3-0.9	1.0								
OGWY11F	0.7-1.7	0.7	11	20	3/4"	57	1100 x 750 x 1320	450		
	0.6-1.5	0.8								
	0.5-1.3	1.0								
OGWY15F	1.0-2.5	0.7	15	25	1"	57	1370 x 820 x 1450	570		
	0.9-2.2	0.8								
	0.8-2.0	1.0								
OGWY18F	1.3-3.2	0.7	18.5	30	1"	58	1370 x 820 x 1450	620		
	1.1-2.8	0.8								
	1.0-2.5	1.0								
OGWY22F	1.5-3.7	0.7	22	30	1"	60	1590 x 870 x 1500	640		
	1.4-3.4	0.8								
	1.2-3.0	1.0								
OGWY30F/S	2.1-5.3	0.7	30	40	1 1/2"	61	1690 x 1000 x 1600	980		Air
	1.9-4.7	0.8								
	1.7-4.3	1.0					1590 x 950 x 1500		6	Water
OGWY37F/S	2.5-6.2	0.7	37	60	1 1/2"	61	1690 x 1000 x 1600	1010		Air
	2.2-5.6	0.8								
	2.0-5.0	1.0					1590 x 950 x 1500		8	Water
OGWY45F/S	3.0-7.6	0.7	45	60	1 1/2"	65	2000 x 1300 x 1650	1110		Air
	2.7-6.8	0.8								
	2.4-6.0	1.0					1590 x 950 x 1500		9	Water
OGWY55F/S	4.0-10.0	0.7	55	80	2"	67	2450 x 1550 x 1850	1500		Air
	3.6-9.0	0.8								
	3.1-7.8	1.0					2300 x 1250 x 1600	1200	10	Water
OGWY75F/S	5.2-13.0	0.7	75	100	2"	71	2700 x 1650 x 2020	2000		Air
	4.8-12.0	0.8								
	4.0-10.0	1.0					2300 x 1250 x 1600	1550	15	Water
OGWY90F/S	6.7-16.8	0.7	90	100	2 1/2"	72	3100 x 1600 x 2000	2600		Air
	6.0-15.0	0.8								
	5.6-14.0	1.0					2450 x 1450 x 1700	2250	17	Water
OGWY110F/S	8.0-20.0	0.7	110	120	3"	74	3500 x 1650 x 2100	2800		Air
	7.4-18.5	0.8								
	6.4-16.0	1.0					2450 x 1450 x 1700	2450	20	Water
OGWY132F/S	10.0-25.0	0.7	132	120	3"	77	4000 x 1700 x 2200	4100		Air
	9.2-23.0	0.8								
	8.0-20.0	1.0					2450 x 1450 x 1700	2450	25	Water
OGWY160F/S	10.8-27.0	0.7	160	150	3"	78	4000 x 1700 x 2200	4500		Air
	10.2-25.5	0.8								
	9.6-24.0	1.0					2800 x 1500 x 1900	2600	28	Water
OGWY185S	13.5-33.8	0.7	185	150	3"	78	2800 x 1500 x 1900	3000	35	Water
	12.4-31.0	0.8								
	11.2-28.8	1.0								
OGWY200S	13.3-38.5	0.7	200	170	3"	78	2800 x 1500 x 1900	3000	40	
	12.5-36.0	0.8								
	11.3-32.7	1.0								
OGWY250S	17.2-43.0	0.7	250	200	4"	79	3600 x 1700 x 2030	4500	45	
	16.4-41.0	0.8								
	15.5-38.8	1.0								
OGWY315S	19.2-56.0	0.7	315	270	4"	80	4000 x 1800 x 2100	4800	63	
	18.3-53.0	0.8								
	17.5-50.0	1.0								

OGWYC Series (8-12.5 Bar)

Designed for Energy-intensive industries and Energy-Saving Retrofit Projects.

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	DN	dB(A)	L x W x H (mm)	kg	Ton/h	/
OGWYC90F/S	20	0.8	90	120	80	75	3500 x 1650 x 2100	3500	/	Air
							3400 x 1750 x 1800	3370	20	Water
OGWYC110F/S		1.0	110				3500 x 2000 x 2200	3500	/	Air
							3400 x 1750 x 1800	3370	24	Water
OGWYC130F/S		1.25	130				3500 x 2000 x 2200	3500	/	Air
							3400 x 1750 x 1800	3370	30	Water
OGWYC120F/S	24	0.8	120	130	80	78	3500 x 2000 x 2200	4500	/	Air
							3400 x 1750 x 1800	3550	27	Water
OGWYC140F/S		1.0	140				4000 x 2000 x 2400	4600	/	Air
							3400 x 1750 x 1800	3550	32	Water
OGWYC155F/S		1.25	155				4000 x 2000 x 2400	4700	/	Air
							3400 x 1750 x 1800	3550	34	Water
OGWYC150F/S	28	0.8	150	150	80	80	4000 x 2000 x 2400	4800	/	Air
							3400 x 1750 x 1800	3600	33	
OGWYC165S		1.0	165				3400 x 1750 x 1800	3600	36	
OGWYC185S		1.25	185				3400 x 1750 x 1800	4500	38	
OGWYC165S	30	0.8	165	150	80	80	3400 x 1750 x 1800	4500	36	
OGWYC180S		1.0	180						38	
OGWYC200S		1.25	200						42	
OGWYC185S	36	0.8	185	180	100	80	3600 x 2000 x 2100	4500	38	
OGWYC200S		1.0	200						42	
OGWYC220S		1.25	220						45	
OGWYC200S	40	0.8	200	200	100	80	3800 x 2000 x 2100	4500	42	
OGWYC220S		1.0	220						45	
OGWYC242S		1.25	242					4800	50	
OGWYC270S	50	0.8	270	250	125	80	3800 x 2000 x 2100	5000	57	
OGWYC292S		1.0	292						62	
OGWYC320S		1.25	320						69	
OGWYC330S	60	0.8	330	290	125	80	4000 x 2100 x 2120	5800	71	
OGWYC355S		1.0	352	310					76	
OGWYC380S		1.25	380	310					83	

Please note:
1. OGWYC90F means an air-cooled unit, OGWYC90S means a water-cooled unit.
2. For Lubricant Water/Cycle, "Per cycle" typically refers to 500 running hours.
3. Cooling water capacity is only available with water-cooled units, and the water used should be reverse osmosis (RO) water.

OGWYC 20 Bar Series Two-stage Compression VSD Water-lubricated Oil-free Single Screw Air Compressor

OGWYC Series (20 Bar)

Designed for Energy-intensive industries and Energy-Saving Retrofit Projects.

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	DN	dB(A)	L × W × H (mm)	kg	Ton/h	/
OGWYC55F/S	6	2.0	52	120	32	70	3100 × 1550 × 1850	2300	/	Air
							2500 × 1300 × 1600	1800	12	Water
OGWYC82F/S	10	2.0	82	160	40	73	3300 × 1650 × 2000	2800	/	Air
							2900 × 1550 × 1650	2300	20	Water
OGWYC110F/S	13	2.0	110	180	40	75	3500 × 2000 × 2200	3000	/	Air
							2900 × 1550 × 1650	2700	24	Water
OGWYC130F/S	16	2.0	130	200	40	77	4000 × 2000 × 2400	3300	/	Air
							2900 × 1550 × 1650	3000	30	Water
OGWYC165F/S	20	2.0	165	230	50	78	4000 × 2000 × 2400	3500	/	Air
							3400 × 1750 × 1800	3200	36	Water
OGWYC200S	24	2.0	200	260	50	78	3500 × 1800 × 1850	4000	42	Water
OGWYC220S	28	2.0	220	280	65	78	3500 × 1800 × 1850	4200	45	
OGWYC242S	30	2.0	242	280	65	78	3500 × 1800 × 1850	4300	50	
OGWYC292S	36	2.0	292	350	65	80	3800 × 2000 × 2100	4500	62	
OGWYC320S	40	2.0	320	350	65	80	3800 × 2000 × 2100	4700	69	
OGWYC385S	50	2.0	385	400	80	80	4000 × 2100 × 2120	4700	84	

Please note:
1. OGWYC110F means an air-cooled unit, OGWYC110S means a water-cooled unit.
2. For Lubricant Water/Cycle, "Per cycle" typically refers to 500 running hours.
3. Cooling water capacity is only available with water-cooled units, and the water used should be reverse osmosis (RO) water.

OGWYE Series Two-stage Compression VSD Water-lubricated Oil-free Single Screw Air Compressor

OGWYE Series (30-40 Bar)

Designed for PET Bottling Industry

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	DN	dB(A)	L × W × H (mm)	kg	Ton/h	/
OGWYE60F/S	1.8-6.0	3.0	22+37	86	25	70	3100 × 1600 × 2000	2000	/	Air
							3000 × 1600 × 1700	2000	13	Water
OGWYE75F/S		4.0	30+45	92			3100 × 1600 × 2000	2100	/	Air
							3000 × 1600 × 1700	2100	18	Water
OGWYE90F/S	3.0-10.0	3.0	55+37	110	32	73	3600 × 1750 × 2100	3000	/	Air
							3400 × 1700 × 1800	2300	21	Water
OGWYE110F/S		4.0	55+55	120			4000 × 1700 × 2200	3400	/	Air
							3400 × 1700 × 1800	2400	24	Water
OGWYE120F/S	3.8-13.0	3.0	75+45	135	40	75	4000 × 1750 × 2350	3500	/	Air
							3400 × 1700 × 1800	2950	27	Water
OGWYE150F/S		4.0	75+75	148			4000 × 1750 × 2350	4000	/	Air
							3400 × 1700 × 1800	3000	33	Water
OGWYE150S	5.0-16.0	3.0	75+75	160	40	77	3600 × 1900 × 1900	3500	33	Water
OGWYE180S		4.0	90+90					3500	38	
OGWYE185S	6.1-20.0	3.0	110+75	172	40	78	3600 × 1900 × 1900	4000	38	
OGWYE220S		4.0	110+110	185				4000	45	
OGWYE220S	7.0-24.0	3.0	132+90	200	50	78	3800 × 1900 × 1900	4500	45	
OGWYE260S		4.0	132+132				3800 × 1900 × 1900	4600	52	
OGWYE270S	8.5-28.0	3.0	160+110	210	50	78	4000 × 2000 × 2000	4700	57	
OGWYE290S		4.0	160+132	225				4800	62	
OGWYE330S	9.5-36.0	3.0	200+132	260	65	80	4400 × 2100 × 2150	5000	71	
OGWYE380S		4.0	220+160	290					83	
OGWYE380S	10.0-40.0	3.0	220+160	300	65	80	4400 × 2100 × 2150	5000	83	
OGWYE440S		4.0	280+160	360					97	

Please note:

1. OGWYE60F means an air-cooled unit, OGWYE60S means a water-cooled unit.
2. For Lubricant Water/Cycle, "Per cycle" typically refers to 500 running hours.
3. Cooling water capacity is only available with water-cooled units, and the water used should be reverse osmosis (RO) water.

OGWYR ALL-IN-ONE WATER LUBRICATED OIL FREE SINGLE SCREW AIR COMPRESSOR WITH BUILT-IN REFRIGERATED AIR DRYER

The OGWYR model utilizes condensate water generated by the air dryer as a supplemental lubricating water source. This not only improves water purity but also reduces operating costs. More importantly, this design effectively eliminates the risk of internal scaling, ensuring long-term stable operation of the equipment.

OGWYR Series (7-10 Bar)

All-in-One Series with Built-in Refrigerated Air Dryer

Model	FAD Capacity	Discharge Pressure	Motor Rating	Lubricant Water/Cycle	Discharge Connection	Noise Level	Dimensions	Weight	Cooling Water Capacity	Cooling Method
	m³/min	MPa	kW	litter	inch	dB(A)	L x W x H (mm)	kg	T/h	
OGWY22F-R	1.5-3.7	0.7	22	30	1”	60	1690 x 1000 x 1600	850	/	Air
	1.4-3.4	0.8								
	1.2-3.0	1.0								
OGWY37F-R	2.5-6.2	0.7	37	60	1 1/2”	61	2000 x 1300 x 1500	1200		
	2.2-5.6	0.8								
	2.0-5.0	1.0								
OGWY45F-R	3.0-7.6	0.7	45	60	1 1/2”	65	2000 x 1300 x 1500	1300		
	2.7-6.8	0.8								
	2.4-6.0	1.0								
OGWY55F-R	4.0-10.0	0.7	55	80	2”	67	2700 x 1650 x 2020	1950		
	3.6-9.0	0.8								
	3.1-7.8	1.0								
OGWY75F-R	5.2-13.0	0.7	75	100	2”	71	2700 x 1650 x 2020	2250		
	4.8-12.0	0.8								
	4.0-10.0	1.0								

Please note:
1. OGWYR is only available in air-cooled models.
2. For Lubricant Water/Cycle, "Per cycle" typically refers to 500 running hours.
3. Cooling water capacity is only available with water-cooled units, and the water used should be reverse osmosis (RO) water.