



JIANGXI VOCO INDUSTRIAL AND TRADE CO., LTD



- ▶ DIRECT DRIVE SCREW AIR COMPRESSOR
- ▶ PM VSD SCREW AIR COMPRESSOR
- ▶ ALL IN ONE SCREW AIR COMPRESSOR
- ▶ TWO STAGE SCREW AIR COMPRESSOR
- ▶ OIL FREE SCREW AIR COMPRESSOR
- ▶ REFRIGERANT AIR DRYER
- ▶ AIR RECEIVER

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COMPANY

PROFILE

Jiangxi Voco Industrial and trade Co., Ltd is a one-stop solution provider for compressed air systems based on customer's requirements. Our main products including screw air compressor, oil free compressor, turbo compressor, vacuum pump, air blower, refrigerant air dryer, desiccant air dryer, air receiver tanks and air compressor spare parts.

GiantAir is our main brand for the air compressor. Our GiantAir compressors are engineered for higher efficiency, lower sound levels, superior durability, unsurpassed reliability and advancing energy efficiency to create sustainable infrastructure.

As a pioneer in screw compressor manufacturer, VOCO is devoted to excellent performance. We not only provide reliable, efficient, and robust compressed air solutions, but also can provide OEM service, ODM service and training service.

We always stand on the stage of our customers and make our product unique and distinguished from the market. Applying our own screw air end with German technology to our screw compressors, we are confident to offer qualified product and service to customers.

Voco always provide good quality products with good price, so that to make your business easy and convenient for your market, and lead to make our business bigger and create value together.

VOCO CULTURE

Voco Vision

Keep on pursuing advanced and intelligent technology and become a global leading brand for the industrial equipment.

Voco Mission

To continuously satisfy the needs of global companies by providing energy saving, high reliability and intelligent air compression solutions.



Voco Core Value

- ▶ Integrity
Honesty and integrity are the responsibilities, principles and resource.
- ▶ Customer-oriented
Create value for customers and ensure customers satisfaction. Customer first, from selling products to helping customers succeed.
- ▶ Responsiveness
Problem ends with me. And 100% responsible for customer's orders. Thinking more about our customers, and do more for our customers.
- ▶ Action-fast
Fast is better than slow. All the departments, such as sales, production, logistic and service, we should give fastest response to the customers and partners.
- ▶ Improving
Do small things well. It's best to do one things really, really well.
- ▶ Grateful
Always have a grateful heart and do grateful things.

WHY

VOCO

- ▶ 10+ years production experience with 6000m2 air compressor production center, 200+ highly skilled engineering with unique manufacturing techniques allows the highest value machinery to be offered to our customers.
- ▶ 20+ years screw air compressor wholesale and agent experience, stand on the stage of our customers and make our equipment easy for use and excellent reliability.
- ▶ Full control of the material supply chain, component costs, and quality. Make one stop service for the compressor system for screw air compressor, air dryer, air tank, booster, nitrogen /oxygen generator and all kinds of spare parts.



SCREW AIR COMPRESSOR



Professional

Designed by knowledgeable people. With a high-quality, new-concept air compressor technical team, the technology is constantly optimized and updated.

Quality

Reasonable overall layout, using high-quality original parts to make sure reliable, uninterrupted performance and long equipment lifetime.

Stable

With advanced manufacturing technology, strict compliance with quality control procedures, to ensure that each equipment meets or exceeds industry quality standards.

Easy Maintenance

Designs evolve towards more practical installation and maintenance. Easy to access to all related components, which makes trouble-shooting and general maintenance easy.

8 REASONS TO CHOOSE GIANTAIR

Check out these innovative features and see how they provide you with high efficiency, ease of maintenance, low noise levels and outstanding cooling.

1

Larger and thicker cooler and fan

- Larger size and thicker material cooler ensure good radiator for the cooling system.
- Big inner rotor fan more stable and silent when use, low noise and energy saving.

2

Superior Air Filter

- Superior air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments.
- Extends the service life of the compressor parts and components, ensures high air quality.





3

Premium Efficiency Drive Motor

- Premium efficiency Totally Enclosed Fan Cooled IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- dust and particles down to 1um.
- Long-term stable operation even in harsh environments up to 55°C (131°F).



4

Long time design coupling and safe friendly coupling covers

- Using bigger size coupling to ensure the bigger torque for the air end and motor, to make sure longer coupling service time.
- Using the safe friendly coupling covers to make sure the more cleaner and safer for the coupling.

5

Air End

- Adopt a new type of 5:6 asymmetric rotor tooth shape, high-precision three-coordinate measuring machine for comprehensive measurement, increase the air capacity by 5% -10%.

- All imported quality bearings are used.



6

High quality pipe clamps and high pressure stainless hose

- Every pipe is well-designed for long time use and non leakage. The pipe clamps on the air end to oil tank pipe can make sure the less vibration.
- The high pressure metal hose be lower noise and easy for maintenance.

7

Gas-liquid separator

- The gas-liquid separator adopts the principle of centrifugal separation and wire mesh filtration.

8

Intelligent Control and Protection

- Schneider electrical elements with original package from France, safe and reliable.
- Reasonable, simple and clear wiring, easy for maintenance.
- Good protection function ensures the stable running of the compressor unit.

Front Filter Mesh and Thicker soundproof cotton

- Front Filter Mesh, though a easy equipment, it offers better protection to air end and makes the machine serve longer time.
- The soundproof cotton is more than 3 CM, make sure good sound proof.
- The adhesive strip on the door can also reduce the vibration, make lower noise.



SCREW AIR COMPRESSOR



01

DIRECT DRIVE SCREW AIR COMPRESSOR GTA SERIES

•Quality •Powerful •High Reliability

PRODUCT FEATURES

- ▶ Excellent performance, true first class energy consumption.
- ▶ Suitable for variety hard environment conditions. The complete unit is designed to operate at ambient temperatures up to 46° C/115° F.
- ▶ Built for 100% continuous duty cycle. 24 hours continuous trouble-free operation, highly automated intelligent PLC.
- ▶ Double filtration system, remove impurities and particles in the suction air, longer life of air end and lubricating oil.

SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE †	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m3/min	CFM	kW	HP	dBA		KG	L X W X H (mm)
GTA -10	7	101.6	20	1.20	43	7.5	10	65 ± 2	G3/4	190	900 x 650 x 870
	8	116.1	18	1.10	39						
GTA -15	7	101.6	28	1.70	61	11	15	70 ± 2	G1	320	1120 x 750 x 980
	8	116.1	27	1.60	57						
	10	145.1	22	1.30	46						
	13	188.7	17	1.00	36						
GTA -20	7	101.6	40	2.40	86	15	20	70 ± 2	G1	340	1120 x 750 x 980
	8	116.1	37	2.20	79						
	10	145.1	33	2.00	71						
	13	188.7	27	1.60	57						
GTA -25	7	101.6	52	3.10	111	18.5	25	73 ± 2	G1	420	1300 x 920 x 1170
	8	116.1	48	2.90	104						
	10	145.1	45	2.70	96						
	13	188.7	37	2.20	79						
GTA -30	7	101.6	60	3.60	129	22	30	73 ± 2	G1	450	1300 x 920 x 1170
	8	116.1	57	3.40	121						
	10	145.1	53	3.20	114						
	13	188.7	45	2.70	96						
GTA -40	7	101.6	87	5.20	186	30	40	73 ± 2	G1 1/2	600	1460 x 1050 x 1250
	8	116.1	83	5.00	179						
	10	145.1	67	4.00	143						
	13	188.7	52	3.10	111						
GTA -50	7	101.6	107	6.40	229	37	50	73 ± 2	G1 1/2	650	1460 x 1050 x 1250
	8	116.1	105	6.30	225						
	10	145.1	90	5.40	193						
	13	188.7	78	4.70	168						
GTA -60	7	101.6	122	7.30	261	45	60	75 ± 2	G1 1/2	780	1500 x 1060 x 1620
	8	116.1	120	7.20	257						
	10	145.1	103	6.20	221						
	13	188.7	95	5.70	204						
GTA -75	7	101.6	158	9.50	339	55	75	75 ± 2	G2	1050	1700 x 1200 x 1550
	8	116.1	157	9.40	336						
	10	145.1	137	8.20	293						
	13	188.7	112	6.70	239						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE †	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m3/min	CFM	kW	HP	dBA		KG	L X W X H (mm)
GTA -100	7	101.6	207	12.40	443	75	100	75 ± 2	G2	1100	1700 x 1200 x 1550
	8	116.1	203	12.20	436						
	10	145.1	180	10.80	386						
	13	188.7	152	9.10	325						
GTA -125	7	101.6	257	15.40	550	90	125	75 ± 2	G2	1500	2100 x 1300 x 1650
	8	116.1	250	15.00	536						
	10	145.1	222	13.30	475						
	13	188.7	190	11.40	407						
GTA -150	7	101.6	335	20.10	718	110	150	83 ± 2	DN80	2650	2500 x 1650 x 1900
	8	116.1	332	19.90	711						
	10	145.1	272	16.30	582						
	13	188.7	242	14.50	518						
GTA -175	7	101.6	390	23.40	836	132	175	83 ± 2	DN80	2800	2500 x 1650 x 1900
	8	116.1	383	23.00	821						
	10	145.1	328	19.70	704						
	13	188.7	267	16.00	571						
GTA -220	7	101.6	458	27.50	982	160	220	85 ± 2	DN80	3950	3000 x 1900 x 1950
	8	116.1	450	27.00	964						
	10	145.1	375	22.50	804						
	13	188.7	350	21.00	750						
GTA -250	7	101.6	508	30.50	1089	185	250	85 ± 2	DN80	4100	3000 x 1900 x 1950
	8	116.1	492	29.50	1054						
	10	145.1	450	27.00	964						
	13	188.7	375	22.50	804						
GTA -300	7	101.6	633	38.00	1357	220	300	88 ± 2	DN100	5000	3600 x 2200 x 2200
	8	116.1	617	37.00	1321						
	10	145.1	550	33.00	1179						
	13	188.7	475	28.50	1018						
GTA -350	7	101.6	733	44.00	1571	250	350	88 ± 2	DN100	5900	3600 x 2200 x 2200
	8	116.1	708	42.50	1518						
	10	145.1	625	37.50	1339						
	13	188.7	525	31.50	1125						
GTA -430	7	101.6	933	56.00	2000	315	430	93 ± 2	DN125	6500	4000 x 2300 x 2300
	8	116.1	900	54.00	1929						
	10	145.1	817	49.00	1750						
	13	188.7	717	43.00	1536						
GTA -480	7	101.6	1100	66.00	2357	355	480	93 ± 2	DN125	7000	4000 x 2300 x 2300
	8	116.1	1067	64.00	2286						
	10	145.1	933	56.00	2000						
	13	188.7	783	47.00	1679						
GTA -540	7	101.6	1233	74.00	2643	400	540	95 ± 2	DN150	7500	4200 x 2200 x 2350
	8	116.1	1200	72.00	2571						
	10	145.1	1033	62.00	2214						
	13	188.7	942	56.50	2018						
GTA -600	7	101.6	1408	84.50	3018	450	600	95 ± 2	DN150	8100	4200 x 2200 x 2350
	8	116.1	1367	82.00	2929						
	10	145.1	1167	70.00	2500						
	13	188.7	1008	60.50	2161						
GTA -670	7	101.6	1517	91.00	3250	500	670	100 ± 2	DN200	8500	4650 x 2300 x 2350
	8	116.1	1467	88.00	3143						
	10	145.1	1350	81.00	2893						
	13	188.7	1133	68.00	2429						
GTA -750	7	101.6	1667	100.00	3571	560	750	100 ± 2	DN200	9000	4650 x 2300 x 2350
	8	116.1	1600	96.00	3429						
	10	145.1	1417	85.00	3036						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

02

INTELLIGENT PERMANENT MAGNET VARIABLE SPEED SCREW AIR COMPRESSOR

•Smart•Energy-saving•Stable Air

PRODUCT FEATURES

- ▶ The permanent magnet motor has higher energy efficiency, saves your electricity, IP54, B-level temperature rise is suitable for heavy dust, high temperature and other harsh environments.
- ▶ Multiple noise reduction design, calculated according to noise theory, with special flame retardant muffler cotton inside to reduce unit noise and provide a quieter environment.
- ▶ Integrated cooler integrates oil cooling and after cooling. Adopt high-efficiency and low-noise internal rotor axial fan, with large cooling air flow, low noise, faster cooling effect, and convenient cleaning and maintenance.
- ▶ Intelligent frequency conversion technology, energy saving up to 42%. With the variable speed system, the output pressure of the compressor can perfectly match with the demand of the system, which avoids no-load energy consumption.



SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE†	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m3/min	CFM	KW	HP				
GTA-10PM	8	116.1	18	1.10	39	7.5	10	60±2	G3/4	185	900 x 650 x 850
	10	145.1	15	0.90	32						
	13	188.7	12	0.70	25						
GTA-15PM	8	116.1	28	1.70	61	11	15	63±2	G3/4	300	1000 x 740 x 1100
	10	145.1	27	1.60	57						
	13	188.7	17	1.00	36						
GTA-20PM	8	116.1	38	2.30	82	15	20	70±2	G3/4	320	1000 x 740 x 1100
	10	145.1	33	2.00	71						
	13	188.7	27	1.60	57						
GTA-30PM	8	116.1	57	3.40	121	22	30	73±2	G1	450	1070 x 840 x 1260
	10	145.1	53	3.20	114						
	13	188.7	45	2.70	96						
GTA-40PM	8	116.1	83	5.00	179	30	40	74±2	G1	450	1070 x 840 x 1260
	10	145.1	67	4.00	143						
	13	188.7	52	3.10	111						
GTA-50PM	8	116.1	107	6.40	229	37	50	74±2	G1 1/2	600	1200 x 1000 x 1390
	10	145.1	90	5.40	193						
	13	188.7	78	4.70	168						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE†	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP	dBA		KG	L X W X H (mm)
GTA-60PM	8	116.1	120	7.20	257	45	60	74±2	G1 1/2	700	1200 x 1000 x 1390
	10	145.1	110	6.60	236						
	13	188.7	95	5.70	204						
GTA-75PM	8	116.1	157	9.40	336	55	75	75±2	G2	920	1700 x 1200 x 1550
	10	145.1	137	8.20	293						
	13	188.7	112	6.70	239						
GTA-100PM	8	116.1	203	12.20	436	75	100	75±2	G2	950	1700 x 1200 x 1550
	10	145.1	180	10.80	386						
	13	188.7	152	9.10	325						
GTA-125PM	8	116.1	253	15.20	543	90	125	75±2	G2	1350	2100 x 1300 x 1650
	10	145.1	222	13.30	475						
	13	188.7	190	11.40	407						
GTA-150PM	8	116.1	332	19.90	711	110	150	75±2	DN80	2650	2500 x 1650 x 1900
	10	145.1	272	16.30	582						
	13	188.7	242	14.50	518						
GTA-175PM	8	116.1	383	23.00	821	132	175	75±2	DN80	2850	2500 x 1650 x 1900
	10	145.1	328	19.70	704						
	13	188.7	267	16.00	571						
GTA-220PM	8	116.1	450	27.00	964	160	220	75±2	DN80	4100	3000 x 1900 x 1950
	10	145.1	375	22.50	804						
	13	188.7	350	21.00	750						
GTA-250PM	8	116.1	500	30.00	1071	185	250	78±2	DN80	4300	3000 x 1900 x 1950
	10	145.1	450	27.00	964						
	13	188.7	383	23.00	821						
GTA-270PM	8	116.1	542	32.50	1161	200	270	78±2	DN100	5300	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	10	145.1	487	29.20	1043						
	13	188.7	425	25.50	911						
GTA-300PM	8	116.1	633	38.00	1357	220	300	78±2	DN100	5500	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	10	145.1	533	32.00	1143						
	13	188.7	480	28.80	1029						
GTA-350PM	8	116.1	717	43.00	1536	250	350	78±2	DN100	5800	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	10	145.1	625	37.50	1339						
	13	188.7	525	31.50	1125						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR



03-1

ALL IN ONE SCREW AIR COMPRESSOR 8-10BAR SERIES

• Clean Air • Easy to Use • Reliable

PRODUCT FEATURES

- Integrates the parts including screw compressor, air dryer, fine filter and air tank, making it convenient the user to install, use and move. And it is saving space for users.
- Multipurpose application, widely using for laser cutting, CNC, general manufacturing, cabinet and trim shops, auto body and tire shops, and commercial laundries.
- Clean compressed air thanks for high quality air dryer and higher grade air filters.
- User-friendly design, power on/off, that's all, the whole process is automatic, including the draining of the impurities and sewage.

SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		TANK		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP	L	dBA			KG	L X W X H (mm)
GATD-10PM	8	116	18	1.10	39	7.5	10	300	65±2	G3/4		380	1710*730*1590
	10	145	15	0.90	32								
GATD-15PM	8	116	28	1.70	61	11	15	400	65±2	G3/4		520	1710*810*1720
	10	145	27	1.60	57								
GATD-20PM	8	116	38	2.30	82	15	20	400	66±2	G3/4		530	1710*810*1720
	10	145	33	2.00	71								
GATD-30PM	8	116	57	3.40	121	22	30	500	66±2	G1		650	1900*970*1840
	10	145	53	3.20	114								

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

03-2

**SUPER HIGH PRESSURE 16-20BAR
ALL IN ONE SCREW AIR COMPRESSOR
FOR FIBER LASER CUTTING APPLICATION**

•Powerful•Clean Air•Easy to Use

**CUT THICKER, FASTER, CLEANER,
CHOOSE GIANTAIR ALL-IN-ONE
FIBER LASER COMPRESSOR**

PRODUCT FEATURES

- ▶ latest high-tech screw air end, ensure high stability, smoother cutting and better-looking cutting surface.
- ▶ Multiple high-efficiency oil and water removal devices ensure the compressed air entering the laser cutting machine is dry and oil-less.
- ▶ Thermostatic control minimizes the moisture content of the air, ensuring system reliability and lifetime.
- ▶ Equipped with a large capacity air storage tank, which stabilizes the air supply pressure and condensates the moisture.
- ▶ The integrated automatic drainage system improves the purity and dryness of the compressed air, significantly keeps the laser lens clean away from contamination.
- ▶ All-in-one design, user-friendly, easy to use and transport.
- ▶ How we control the particles in the compressed air?
Higher grade air filter with multi layer design, ensure air dustless.
- ▶ How we control the moisture in the compressed air?
Built-in air dryer.
Cyclone air-water separator filter.
Special design air tank.
Thermostatic control minimizes the moisture content of the air, ensuring system reliability and lifetime.
- ▶ How we control the oil content in the compressed air?
Special system design, no-touch compression technology.
Oil filter and separator filter to make sure oil stay controlled.



SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		TANK		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m3/min	CFM	kw	HP	L	dBA			KG	L X W X H (mm)
GATD-20PM16	16	232	20	1.20	43	15	20	400	64±2	G3/4	550	1710*810*1720	
GATD-30PM16	16	232	33	2.00	71	22	30	500	66±2	G3/4	650	1900*970*1840	
GATD-20PM20	20	290	17	1.00	36	15	20	400	64±2	G3/4	550	1710*810*1720	
GATD-30PM20	20	290	32	1.90	68	22	30	500	66±2	G3/4	650	1900*970*1840	

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

04

TWO STAGE SCREW AIR COMPRESSOR

Lower power consumption. Higher air capacity

PRODUCT FEATURES

- ▶ Getting more compressed air at the same power consumption. The FAD is about 15% higher than the one stage air compressor.
- ▶ Excellent oil air separation performance, outlet oil content is less than 2 ppm.
- ▶ Super IE4 class, SF1.2-1.35 service factor, 97% high-efficiency energy-saving PM motor, ensure trouble-free in all conditions.
- ▶ Steady system pressure lowers system pressure fluctuations and overall air demand.
- ▶ 2 in 1 intake valve design with check valve for increased efficiency.



SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP				
GTS-30PM	7	102	72	4.30	154	22	30	70±2	G1 1/2	650	1500 x 1000 x 1350
	8	116	68	4.10	146						
	10	145	58	3.50	125						
	13	189	45	2.70	96						
GTS-40PM	7	102	100	6.00	214	30	40	70±2	G1 1/2	700	1500 x 1000 x 1350
	8	116	98	5.90	211						
	10	145	78	4.70	168						
	13	189	65	3.90	139						
GTS-50PM	7	102	118	7.10	254	37	50	70±2	G1 1/2	750	1500 x 1000 x 1350
	8	116	115	6.90	246						
	10	145	97	5.80	207						
	13	189	90	5.40	193						
GTS-60PM	7	102	167	10.00	357	45	60	73±2	G2	1250	2100 x 1300 x 1650
	8	116	158	9.50	339						
	10	145	130	7.80	279						
	13	189	113	6.80	243						
GTS-75PM	7	102	217	13.00	464	55	75	73±2	G2	1300	2100 x 1300 x 1650
	8	116	207	12.40	443						
	10	145	153	9.20	329						
	13	189	125	7.50	268						
GTS-100PM	7	102	258	15.50	554	75	100	73±2	G2	1350	2100 x 1300 x 1650
	8	116	253	15.20	543						
	10	145	200	12.00	429						
	13	189	170	10.20	364						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m3/min	CFM	kW	HP	dBA		KG	L X W X H (mm)
GTS-125PM	7	102	330	19.80	707	90	125	75±2	DN80	2700	2500 x 1650 x 1900
	8	116	325	19.50	696						
	10	145	250	15.00	536						
	13	189	233	14.00	500						
GTS-150PM	7	102	400	24.00	857	110	150	75±2	DN80	2800	2500 x 1650 x 1900
	8	116	383	23.00	821						
	10	145	320	19.20	686						
	13	189	267	16.00	571						
GTS-175PM	7	102	458	27.50	982	132	175	75±2	DN80	3000	2500 x 1650 x 1900
	8	116	450	27.00	964						
	10	145	392	23.50	839						
	13	189	317	19.00	679						
GTS-220PM	7	102	550	33.00	1179	160	220	80±2	DN80	4300	3000 x 1900 x 1950
	8	116	542	32.50	1161						
	10	145	458	27.50	982						
	13	189	375	22.50	804						
GTS-250PM	7	102	658	39.50	1411	185	250	80±2	DN80	4400	3000 x 1900 x 1950
	8	116	613	36.80	1314						
	10	145	542	32.50	1161						
	13	189	458	27.50	982						
GTS-270PM	7	102	725	43.50	1554	200	270	83±2	DN100	5000	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	8	116	683	41.00	1464						
	10	145	592	35.50	1268						
	13	189	525	31.50	1125						
GTS-300PM	7	102	858	51.50	1839	220	300	83±2	DN100	5500	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	8	116	772	46.30	1654						
	10	145	642	38.50	1375						
	13	189	592	35.50	1268						
GTS-340PM	7	102	900	54.00	1929	250	340	83±2	DN125	6000	3600 x 2200 x 2200 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	8	116	850	51.00	1821						
	10	145	753	45.20	1614						
	13	189	633	38.00	1357						
GTS-380PM	7	102	1000	60.00	2143	280	380	85±2	DN125	6800	4000 x 2300 x 2300 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	8	116	950	57.00	2036						
	10	145	833	50.00	1786						
	13	189	717	43.00	1536						
GTS-430PM	7	102	1083	65.00	2321	315	430	85±2	DN125	7000	4000 x 2300 x 2300 (Air Cooled) 3250 x 1950 x 1850 (Water Cooled)
	8	116	1033	62.00	2214						
	10	145	933	56.00	2000						
	13	189	850	51.00	1821						
GTS-480PM	7	102	1250	75.00	2679	355	480	88±2	DN150	8500	4200 x 2300 x 2350 (Air Cooled) 3600 x 2200 x 2200 (Water Cooled)
	8	116	1217	73.00	2607						
	10	145	1067	64.00	2286						
	13	189	917	55.00	1964						
GTS-540PM	7	102	1400	84.00	3000	400	540	88±2	DN150	9000	4200 x 2300 x 2350 (Air Cooled) 3600 x 2200 x 2200 (Water Cooled)
	8	116	1367	82.00	2929						
	10	145	1200	72.00	2571						
	13	189	1017	61.00	2179						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

05-1

LOW PRESSURE SCREW AIR COMPRESSOR

One Stage (2-5bar)



PRODUCT FEATURES

- ▶ GiantAir low pressure(2-5bar) compressors can be more than 30% energy-saving compared with general screw air compressors.
- ▶ Customized low pressure air end, adopt the design idea of "large rotor, large bearing, low speed" to reduce noise and vibration, and increase the life and stability of the air end, ensure high performance.
- ▶ Increase oil and gas separation equipment to ensure the oil content at the outlet $\leq 2\text{ppm}$. Small pressure loss inside the air compressor.
- ▶ The cooling area of the oil cooler is increased by more than 30% to ensure normal operation in summer and not to overheat.
- ▶ The auxiliary oil supply system is added to the unit to ensure that the unit (especially the bearing) can get sufficient oil supply in the later period of long term operation, and the unit runs more stable and has a longer life. High temperature resistance, stable oil pressure at outlet.

SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP				
GD-50PM	3	44	197	11.80	421	37	50	70±2	DN80	1300	2100 x 1300 x 1650
	4	58	167	10.00	357				DN80	1300	2100 x 1300 x 1650
	5	73	133	8.00	286				G2	900	1700 x 1200 x 1550
GD-60PM	2	29	283	17.00	607	45	60	73±2	DN100	2500	2500 x 1650 x 1900
	3	44	225	13.50	482				DN80	1500	2100 x 1300 x 1650
	4	58	197	11.80	421				DN80	1500	2100 x 1300 x 1650
GD-75PM	2	29	342	20.50	732	55	75	73±2	G2	950	1700 x 1200 x 1550
	3	44	283	17.00	607				DN125	2900	2500 x 1650 x 1900
	4	58	237	14.20	507				DN100	2900	2500 x 1650 x 1900
GD-100PM	2	29	450	27.00	964	75	100	73±2	DN80	1600	2100 x 1300 x 1650
	3	44	400	24.00	857				G2	1550	2100 x 1300 x 1650
	4	58	342	20.50	732				DN125	3000	2500 x 1650 x 1900
GD-125PM	2	29	567	34.00	1214	90	125	75±2	DN100	3000	2500 x 1650 x 1900
	3	44	467	28.00	1000				DN100	3000	2500 x 1650 x 1900
	4	58	400	24.00	857				DN100	3000	2500 x 1650 x 1900
GD-150PM	2	29	717	43.00	1536	110	150	75±2	DN80	2950	2500 x 1650 x 1900
	3	44	567	34.00	1214				DN200	5300	3600 x 2200 x 2200
	4	58	493	29.60	1057				DN125	4000	3000 x 1900 x 1950
GD-175PM	2	29	867	52.00	1857	132	175	75±2	DN100	3500	3000 x 1900 x 1950
	3	44	707	42.00	1500				DN80	3200	3000 x 1900 x 1950
	4	58	550	33.00	1179				DN200	5800	3600 x 2200 x 2200
GD-220PM	2	29	1000	60.00	2143	160	220	80±2	DN125	4300	3000 x 1900 x 1950
	3	44	833	50.00	1786				DN100	4100	3000 x 1900 x 1950
	4	58	733	44.00	1571				DN80	3700	3000 x 1900 x 1950
	5	73	617	37.00	1321				DN100	4000	3000 x 1900 x 1950

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

05-2

LOW PRESSURE SCREW AIR COMPRESSOR

Two Stage (4-5bar)

PRODUCT FEATURES

- Screw air end with large rotor and low rotary speed, high performance operation.
- Enlarge oil and gas pipe system, less pressure loss.
- Excellent oil gas separation performance, the outlet oil content is less than 2ppm.
- The area of the oil radiator is increased more than 30% to ensure normal operation in high temperature climate without overheat.
- Intelligent control system, adjust the air delivery automatically based on using.



SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL**	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP	dBA		KG	L X W X H (mm)
GD-50PMII	4	58	172	10.30	368	37	50	70±2	G2	1600	2100 x 1300 x 1650
	5	73	158	9.50	339						
GD-60PMII	4	58	203	12.20	436	45	60	70±2	G2	1650	2100 x 1300 x 1650
	5	73	192	11.50	411						
GD-75PMII	4	58	258	15.50	554	55	75	70±2	G2	1700	2100 x 1300 x 1650
	5	73	242	14.50	518						
GD-100PMII	4	58	325	19.50	696	75	100	75±2	DN80	2700	2500 x 1650 x 1900
	5	73	317	19.00	679						
GD-125PMII	4	58	408	24.50	875	90	125	75±2	DN80	2800	2500 x 1650 x 1900
	5	73	383	23.00	821						
GD-150PMII	4	58	467	28.00	1000	110	150	75±2	DN80	2900	2500 x 1650 x 1900
	5	73	458	27.50	982						
GD-175PMII	4	58	600	36.00	1286	132	175	78±2	DN100	3100	3000 x 1900 x 1950
	5	73	567	34.00	1214						
GD-220PMII	4	58	767	46.00	1643	160	220	78±2	DN100	4400	3000 x 1900 x 1950
	5	73	700	42.00	1500						
GD-250PMII	4	58	867	52.00	1857	185	250	81±2	DN125	5500	3600 x 2200 x 2200
	5	73	750	45.00	1607						
GD-270PMII	4	58	950	57.00	2036	200	270	81±2	DN125	6000	3600 x 2200 x 2200
	5	73	858	51.50	1839						
GD-300PMII	4	58	1033	62.00	2214	220	300	85±2	DN150	6800	4000 x 2300 x 2300
	5	73	917	55.00	1964						
GD-340PMII	4	58	1083	65.00	2321	250	340	85±2	DN150	7500	4000 x 2300 x 2300
	5	73	1017	61.00	2179						

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR



BENEFIT FOR OIL FREE AIR COMPRESSOR

No matter what industrial sector, there is a growing demand for higher quality, oil-free compressed air that meets the stringent quality standards. Whether it is needed for food and beverage or chemicals production, supply of pharmaceuticals, electronics or sensitive components, manufacturers will no longer accept the risk of product or equipment contamination. For this reason, GiantAir 2 stage oil-free models offer the highest standard of air purity.

GHH ORIGINAL AIREND

Totally oil free air compression

Lifetime compression efficiency: rotors and internal housing surfaces treated with Ultracoat (Our coating prevents corrosion and improves the efficiency of the compression process. Ultracoat has an exceptionally long life and is resistant to high temperatures and pressures.)

- ▶ No corrosion due to stainless steel rotors in the high-pressure-stage
- ▶ GHH BRAND rotor profiles for high efficiency
- ▶ Robust design reliable in operation under the most difficult conditions
- ▶ Over 60 years market experience in oil free compressor units!

06 DRY OIL FREE SCREW AIR COMPRESSOR

Installed motor power 37 - 315 kW/50 - 420 hp

- ▶ Air purity that meets the most stringent hygienic standards 100% oil-free compressed pure air, more energy-saving and environmentally friendly
- ▶ High-efficiency oil-free air end and aviation impeller coating ensure high durability
- ▶ Unique system design and high-precision components ensure the superiority and service life of the entire machine
- ▶ Permanent magnet frequency conversion makes the performance of the whole machine more energy-saving, ensuring energy efficiency under different users and working conditions
- ▶ The independent air intake system. Directly absorbs external cooling air, large air filter box, and easy to replace the filter element
- ▶ The silencer design effectively reduces exhaust noise, and the unique overall machine structure design ensures low overall machine noise
- ▶ High efficiency 3 micron air filter reduces wear and prolongs airend life



COMPLETE UNIT



- ▶ Ready for operation
- ▶ Fully automatic
- ▶ Super-soundproofing
- ▶ Vibration-dampened
- ▶ Service-friendly design
- ▶ For ambient temperatures up to 45 °C

PIPE SYSTEM

- ▶ The pipeline system is designed according to the design pressure, and the reasonable pipeline is selected, the pipeline pressure loss is low, and the energy efficiency of the unit is improved
- ▶ All 304 stainless steel pipes are used, even under high temperature and high humidity conditions, it will not rust and corrode, and the service life is longer

DESIGN

SCREW AIR COMPRESSOR

ULTRACOAT

Using Ultracoat in our oil free compressors is the key to their reliability, long life, and excellent efficiency. The outstanding efficiency of our dry-running screw compressors is down to our coating (Ultracoat) which we use for coating our rotor profiles, sealing journals, housing bores, and end covers.

This coating fulfills two essential requirements:

- ▶ One is for improving the efficiency which also reduces discharge temperature of the air end, increases volume flow, and decreases power consumption.
- ▶ In addition, this coating offers highly efficient corrosion protection even under extreme conditions at 270°C.

The GHH air end is a double stage, gear driven and oil-free screw compressor block, which can be used for general industrial applications.

SPECIFICATIONS >>>

DRIVE MOTOR

- ▶ Super premium efficiency drive motor IE4 IELEVEL
- ▶ Manufactured by top Chinese brand
- ▶ Premium and Super Premium Efficiency Motor
- ▶ Continuous motor winding temperature monitoring
- ▶ Enclosure protection: IP 55

COOLING

- ▶ Generously sized compressed air aftercooler with stainless steel precooler and aluminum cooler
- ▶ Reliable compressor performance up to 45 °C
- ▶ Aluminum cooler for gear oil

ELECTRICAL COMPONENTS AND VSD SYSTEM

- ▶ Control cabinet to IP 54
- ▶ Switching cabinet ventilation
- ▶ Adopt frequency conversion system, more energy-saving
- ▶ Special control system, multi-channel pressure sensor and multi-channel temperature sensor
- ▶ Comprehensive detection of the running state of the unit
- ▶ The user interface is more friendly
- ▶ Control is more accurate and reliable

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m³/min	CFM	kW	HP		KG	L X W X H (mm)
DOF-50	7.5	108.9	85	5.10	182	37	50	DN50	2000	2000 x 1400 x 1900
	8.5	123.4	83	5.00	179					
	10.5	152.4	82	4.90	175					
DOF-60	7.5	108.9	105	6.30	225	45	60	DN50	2100	2000 x 1400 x 1900
	8.5	123.4	103	6.20	221					
	10.5	152.4	102	6.10	218					
DOF-75	7.5	108.9	135	8.10	289	55	75	DN50	2200	2000 x 1400 x 1900
	8.5	123.4	133	8.00	286					
	10.5	152.4	132	7.90	282					
DOF-100	7.5	108.9	208	12.50	446	75	100	DN50	2500	3000 x 1790 x 1900
	8.5	123.4	187	11.20	400					
	10.5	152.4	168	10.10	361					
DOF-120	7.5	108.9	250	15.00	536	90	120	DN50	2800	3200 x 1790 x 1900
	8.5	123.4	247	14.80	529					
	10.5	152.4	208	12.50	446					
DOF-150	7.5	108.9	308	18.50	661	110	150	DN65	3400	3400 x 2000 x 2100
	8.5	123.4	307	18.40	657					
	10.5	152.4	260	15.60	557					
DOF-175	7.5	108.9	370	22.20	793	132	175	DN65	3600	3400 x 2000 x 2100
	8.5	123.4	367	22.00	786					
	10.5	152.4	307	18.40	657					
DOF-200	7.5	108.9	415	24.90	889	145	200	DN65	3800	3400 x 2100 x 2200
	8.5	123.4	402	24.10	861					
	10.5	152.4	360	21.60	771					
DOF-215	7.5	108.9	502	30.10	1075	160	215	DN80	4000	3400 x 2100 x 2200
	8.5	123.4	418	25.10	896					
	10.5	152.4	403	24.20	864					
DOF-270	7.5	108.9	577	34.60	1236	200	270	DN80	4500	3500 x 2200 x 2300
	8.5	123.4	498	29.90	1068					
	10.5	152.4	492	29.50	1054					
DOF-355	7.5	108.9	692	41.50	1482	250	355	DN80	5000	3500 x 2200 x 2300
	8.5	123.4	687	41.20	1471					
	10.5	152.4	587	35.20	1257					
DOF-420	7.5	108.9	833	50.00	1786	315	420	DN100	5500	3800 x 2200 x 2400
	8.5	123.4	832	49.90	1782					
	10.5	152.4	748	44.90	1604					

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

07

SINGLE SCREW WATER LUBRICATED OIL FREE SERIES COMPRESSOR

PRODUCT FEATURES

► Simple

One screw rotor and two gate rotors which are positioned at right angle to the axis constitute two compressing rooms. Therefore, the screw rotor with six grooves compresses as many as 12 times per rotation.

► Quietness

Without applying thrust load to the axis direction of the rotor, the force in the circumference direction rotates quietly with good balance. As a result, the load to the bearing is lightened, minimizing the generation of noise or vibration.

► Durability

The gate rotors are rotated following the rotation of the screw rotor along its gear. The water film formed on the screw rotor's gear and the free floating mechanism maintains the high efficiency for a long time (in case of water lubrication).



► High Efficiency

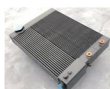
Since the lubrication water is jetted in the compressing process, the compression is done smoothly under almost even temperature, realizing ideal, safe and highly efficient compression with slow rotation (in case of water lubrication).

PRODUCT DETAILS



Superior Air filter

Original Mann air efficient heavy duty inlet to ensure the quality of inlet air end safety of the air end, improved the life greatly



Larger and thicker cooler and fan

The cooler uses high-quality raw materials and a unique internal channel design, which increases the heat exchange area can effectively dissipate heat from the air compressor

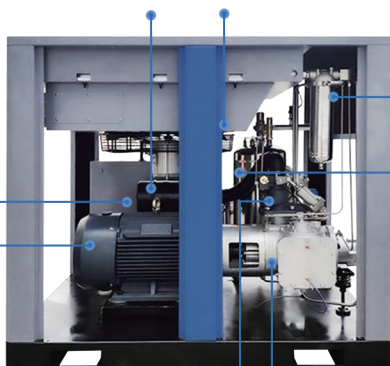
Intelligent Control and Protection

The main electrical components use the CE, UL certificate brand, we can make sure stable running for different voltage and long time service life.



Efficiency Drive Motor

Using well-known brand high-performance motor, protection class IP54/IP55, F class insulation. SKF over-loading bearing



Intake Valve

Equipment Accessories

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



Air End

Male rotor use copper alloy; star wheel use polymers. Good abrasion resistance low noise good heat dissipation long service life

Water filter

Only air filter and filter: <\$500/year Based on environmental condition replacement of the element for each 500-2000 hours; the water filter element for each 2000-4000 hours

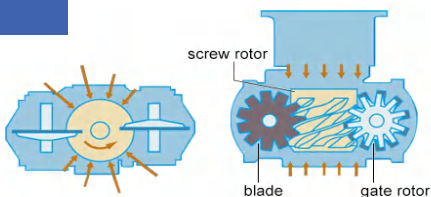
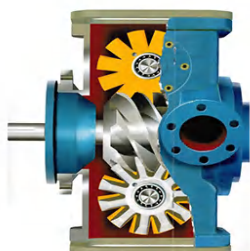


Pressure Vessel

316 stainless steel, eliminate all corrosion, three sensor alarm, control reasonable water level

SCREW AIR COMPRESSOR

WORKING PRINCIPLE



- Radial and axial loads cancel each other, resulting a theoretically zero load
- Water seal enables highly efficient operation at low speeds
- Cool air discharge (about 50°C)

SPECIFICATIONS >>>

MODEL	MAXIMUM WORKING PRESSURE		FREE AIR DELIVERY OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL	Lubricating Water Amount	Rotation Rate	AIR OUTLET DISCHARGE SIZE	WEIGHT	DIMENSIONS
	Bar	PSI	l/s	m ³ /min	CFM	kW	HP	dBA	L	rpm		KG	L X W X H (mm)
ZW-10	7	102	20	1.20	43	7.5	10	61	20	2940	G1"	480	1135×800×1000
	8	116	18	1.10	39								
	10	145	17	1.00	36								
ZW-15	7	102	27	1.60	57	11	15	61	20	2940	G1"	500	1135×800×1000
	8	116	25	1.50	54								
	10	145	22	1.30	46								
ZW-20	7	102	40	2.40	86	15	20	61	27	2940	G1"	520	1400×1000×1200
	8	116	38	2.30	82								
	10	145	33	2.00	71								
ZW-25	7	102	52	3.10	111	18.5	25	61	27	2940	G1"	520	1400×1000×1200
	8	116	47	2.80	100								
	10	145	42	2.50	89								
ZW-30	7	102	62	3.70	132	22	30	61	27	2940	G1"	560	1400×1000×1200
	8	116	57	3.40	121								
	10	145	50	3.00	107								
ZW-40	7	102	87	5.20	186	30	40	64	40	2940	G1½"	1050	1920×1170×1320
	8	116	78	4.70	168								
	10	145	72	4.30	154								
ZW-50	7	102	102	6.10	218	37	50	66	40	2940	G1½"	1050	1920×1170×1320
	8	116	93	5.60	200								
	10	145	83	5.00	179								
ZW-60	7	102	125	7.50	268	45	60	66	40	2960	G2"	1610	1920×1170×1320
	8	116	113	6.80	243								
	10	145	100	6.00	214								
ZW-75	7	102	167	10.00	357	55	75	66	100	2960	G2"	1610	1930×1320×1535
	8	116	150	9.00	321								
	10	145	130	7.80	279								
ZW-100	7	102	217	13.00	464	75	100	70	100	2960	G2"	1880	1930×1320×1535
	8	116	200	12.00	429								
	10	145	167	10.00	357								
ZW-125	7	102	258	15.50	554	90	125	70	180	2970	DN80	2700	2150×1600×1680
	8	116	233	14.00	500								
	10	145	208	12.50	446								
ZW-150	7	102	333	20.00	714	110	150	72	200	2970	DN80	3100	2150×1600×1800
	8	116	300	18.00	643								
	10	145	267	16.00	571								
ZW-180	7	102	417	25.00	893	132	180	72	240	2970	DN80	3250	2150×1600×1680
	8	116	383	23.00	821								
	10	145	333	20.00	714								

SCROLL AIR COMPRESSOR

PRODUCT FEATURES

The scroll air compressor is a new generation of air compressor developed in recent years. Compared with the traditional air compressor, it has the advantages of novel structure, small size, light weight, low noise, long life, stable and continuous gas transmission, and easy operation. A series of excellent technical performances such as low maintenance cost are praised as "no maintenance air compressor" and "new revolution air compressor" in the industry, and it is an ideal model for air compressors below 50HP.



Product Advantage

Structure description

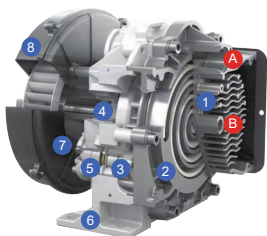
- ① Fixed scroll
- ② Orbiting scroll
- ③ Crank carrier
- ④ Driving shaft
- ⑤ Anti-rotation shaft
- ⑥ Housing
- ⑦ Bearing set
- ⑧ Cooling fan

A Suction

B Delivery

Basic principle

- Orbiting scroll
- Fixed scroll
- Compression chamber



Automatic adjustment

- Automatically starts and stops the scroll elements to exactly match the demands of your compressed air system.
- Multi-able-control, the air end could be the host or the prepared one to reduce the risk of production line stopping.

Space demand is small

- Compact design means a small footprint, convenient for working in the field.
- Standard flooring tiles.
- The footprint of scroll compressor.

Low noise level Low vibration

Fixed and orbit scrolls are not contacted with each other when the compressor is running. The compressor is in low vibration and could be used indoors.

40dB	50dB	60dB	70dB	80dB
Library / Residential area	Quiet office	By car/Normal Conversation	Discussing at conference room	On sidewalk by passing train

SCREW AIR COMPRESSOR

TECHNICAL SPECIFICATION



BELT DRIVE SERIES SPECIFICATIONS »»

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Noise level	Weight	Dimension		Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp			mm	inch	
ZS-3	S03T-Y22-8	8	116	4.0	0.24	8.6	1 x 2.2	1 x 3	55 ± 3	145	560 x 600 x 800	1/2	
TY-Belt Drive with Asynchronous motor													
03- 2.2kw air end													

Model	Air End	Max. working		Free Air Delivery			Motor power		Noise	Weight	Dimension		Air
		bar	PSI	l/s	m³/min	cfm	kW	hp			mm	inch	
ZS-5	S05T-Y37-8	8	116	6.7	0.40	14.3	1 x 3.7	1 x 5	55 ± 3	150	800 x 560 x 900	1/2	
ZS-10	S05T-Y75-8	8	116	13.3	0.80	28.6	2 x 3.7	2 x 5	60 ± 3	350	1100 x 700 x 1130	1	
ZS-15	S05T-Y110-8	8	116	20.0	1.20	42.9	3 x 3.7	3 x 5	61 ± 3	450	1100 x 700 x 1500	1	
ZS-20	S05T-Y150-8	8	116	26.7	1.60	57.1	4 x 3.7	4 x 5	62 ± 3	629	1420 x 1010 x 1130	1	
ZS-25	S05T-Y185-8	8	116	33.3	2.00	71.4	5 x 3.7	5 x 5	62 ± 3	780	1420 x 1010 x 1510	1 1/4	
ZS-30	S05T-Y220-8	8	116	40.0	2.40	85.7	6 x 3.7	6 x 5	63 ± 3	830	1420 x 1010 x 1510	1 1/4	
ZS-35	S05T-Y260-8	8	116	46.7	2.80	100.0	7 x 3.7	7 x 5	64 ± 3	1050	1700 x 1220 x 1720	1 1/4	
ZS-40	S05T-Y300-8	8	116	53.3	3.20	114.3	8 x 3.7	8 x 5	64 ± 3	1100	1700 x 1220 x 1720	1 1/2	
ZS-45	S05T-Y330-8	8	116	60.0	3.60	128.6	9 x 3.7	9 x 5	65 ± 3	1250	1700 x 1220 x 1720	1 1/2	
ZS-50	S05T-Y370-8	8	116	66.7	4.00	142.9	10 x 3.7	10 x 5	65 ± 3	1350	1700 x 1220 x 1720	1 1/2	
TY-Belt Drive with Asynchronous motor													
05- 3.7kw/5HP air end													

Model	Air End	Max. working		Free Air Delivery			Motor power		Noise	Weight	Dimension		Air
		bar	PSI	l/s	m³/min	cfm	kW	hp			mm	inch	
ZS-7.5	S06T-Y55-8	8	116	10.0	0.60	21.4	1 x 5.5	1 x 7.5	60 ± 3	170	680 x 640 x 940	1/2	
ZS-15	S06T-Y110-8	8	116	20.0	1.20	42.9	2 x 5.5	2 x 7.5	60 ± 3	325	1100 x 700 x 1050	1	
ZS-22.5	S06T-Y165-8	8	116	30.0	1.80	64.3	3 x 5.5	3 x 7.5	62 ± 3	500	1150 x 690 x 1700	1	
ZS-30	S06T-Y220-8	8	116	40.0	2.40	85.7	4 x 5.5	4 x 7.5	63 ± 3	700	1500 x 1180 x 1250	1 1/4	
ZS-37.5	S06T-Y270-8	8	116	50.0	3.00	107.1	5 x 5.5	5 x 7.5	65 ± 3	870	1500 x 1180 x 1700	1 1/2	
ZS-45	S06T-Y330-8	8	116	60.0	3.60	128.6	6 x 5.5	6 x 7.5	65 ± 3	935	1500 x 1180 x 1700	1 1/2	
ZS-52.5	S06T-Y380-8	8	116	70.0	4.20	150.0	7 x 5.5	7 x 7.5	65 ± 3	1160	1500 x 1180 x 2140	1 1/2	
ZS-60	S06T-Y440-8	8	116	80.0	4.80	171.4	8 x 5.5	8 x 7.5	68 ± 3	1220	1500 x 1180 x 2140	1 1/2	
ZS-67.7	S06T-Y495-8	8	116	90.0	5.40	192.9	9 x 5.5	9 x 7.5	68 ± 3	1250	1650 x 1550 x 1950	1 1/2	
ZS-75	S06T-Y550-8	8	116	100.0	6.00	214.3	10 x 5.5	10 x 7.5	68 ± 3	1350	1650 x 1550 x 1950	1 1/2	
TY-Belt Drive with Asynchronous motor													
06- 5.5kw air end													

Specifications are subject to change without notice.

PM VSD SERIES SPECIFICATIONS >>>

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Noise level	Weight	Dimension	Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp	dB(A)			
ZS-3	S03Z-P22-8	8	116	4.0	0.24	8.6	1 x 2.2	1 x 3	55±3	125	800 x 560 x 900	1/2
ZP- Direct Drive with Permanent Magnet Synchronous Motor												
03- 2.2kw/3HP air end												

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Noise level	Weight	Dimension	Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp	dB(A)			
ZS-5	S05Z-P37-8	8	116	6.7	0.40	14.3	1 x 3.7	1 x 5	55±3	153	800 x 560 x 900	1/2
ZS-10	S05Z-P75-8	8	116	13.3	0.80	28.6	2 x 3.7	2 x 5	60±3	243	1100 x 700 x 1130	1
ZS-15	S05Z-P110-8	8	116	20.0	1.20	42.9	3 x 3.7	3 x 5	61±3	355	1100 x 700 x 1500	1
ZS-20	S05Z-P150-8	8	116	26.7	1.60	57.1	4 x 3.7	4 x 5	62±3	416	1420 x 1010 x 1130	1
ZS-25	S05Z-P185-8	8	116	33.3	2.00	71.4	5 x 3.7	5 x 5	62±3	660	1420 x 1010 x 1510	1 1/4
ZS-30	S05Z-P220-8	8	116	40.0	2.40	85.7	6 x 3.7	6 x 5	63±3	670	1420 x 1010 x 1510	1 1/4
ZS-35	S05Z-P260-8	8	116	46.7	2.80	100.0	7 x 3.7	7 x 5	64±3	930	1700 x 1220 x 1720	1 1/4
ZS-40	S05Z-P300-8	8	116	53.3	3.20	114.3	8 x 3.7	8 x 5	64±3	950	1700 x 1220 x 1720	1 1/2
ZS-45	S05Z-P330-8	8	116	60.0	3.60	128.6	9 x 3.7	9 x 5	65±3	1010	1700 x 1220 x 1720	1 1/2
ZS-50	S05Z-P370-8	8	116	66.7	4.00	142.9	10 x 3.7	10 x 5	65±3	1050	1700 x 1220 x 1720	1 1/2
ZP- Direct Drive with Permanent Magnet Synchronous Motor												
05- 3.7kw/5HP air end												

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Noise level	Weight	Dimension	Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp	dB(A)			
ZS-7.5	S06Z-P55-8	8	116	10.0	0.60	21.4	1 x 5.5	1 x 7.5	60±3	165	800 x 560 x 900	1/2
ZS-15	S06Z-P110-8	8	116	20.0	1.20	42.9	2 x 5.5	2 x 7.5	60±3	265	1100 x 700 x 1130	1
ZS-22.5	S06Z-P165-8	8	116	30.0	1.80	64.3	3 x 5.5	3 x 7.5	62±3	375	1100 x 700 x 1500	1
ZS-30	S06Z-P220-8	8	116	40.0	2.40	85.7	4 x 5.5	4 x 7.5	63±3	450	1420 x 1010 x 1130	1 1/4
ZS-37.5	S06Z-P270-8	8	116	50.0	3.00	107.1	5 x 5.5	5 x 7.5	65±3	710	1420 x 1010 x 1510	1 1/2
ZS-45	S06Z-P330-8	8	116	60.0	3.60	128.6	6 x 5.5	6 x 7.5	65±3	732	1420 x 1010 x 1510	1 1/2
ZS-52.5	S06Z-P380-8	8	116	70.0	4.20	150.0	7 x 5.5	7 x 7.5	65±3	903	1700 x 1220 x 1720	1 1/2
ZS-60	S06Z-P440-8	8	116	80.0	4.80	171.4	8 x 5.5	8 x 7.5	68±3	995	1700 x 1220 x 1720	1 1/2
ZS-67.7	S06Z-P495-8	8	116	90.0	5.40	192.9	9 x 5.5	9 x 7.5	68±3	1010	1700 x 1220 x 1720	1 1/2
ZS-75	S06Z-P550-8	8	116	100.0	6.00	214.3	10 x 5.5	10 x 7.5	68±3	1050	1700 x 1220 x 1720	1 1/2
ZP- Direct Drive with Permanent Magnet Synchronous Motor												
06- 5.5kw/7.5HP air end												

Specifications are subject to change without notice.

SCREW AIR COMPRESSOR

ALL IN ONE SERIES SPECIFICATIONS »»

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Air Tank	Noise level	Weight	Dimension	Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp				mm	inch
ZS-3ATD	S03Z-P22-8	8	116	4.0	0.24	8.6	1 x 2.2	1 x 3	200	55 ± 3	235	1390 x 630 x 1445	1/2
ZS-5ATD	S05Z-P37-8	8	116	6.7	0.40	14.3	1 x 3.7	1 x 5	200	55 ± 3	260	1390 x 630 x 1445	1/2
ZS-7.5ATD	S06Z-P55-8	8	116	10.0	0.60	21.4	1 x 5.5	1 x 7.5	200	60 ± 3	280	1390 x 630 x 1445	1/2
ZS-10ATD	S05Z-P75-8	8	116	13.3	0.80	28.6	2 x 3.7	2 x 5	200	60 ± 3	480	1520 x 710 x 1920	1
ZS-15ATD	S06Z-P110-8	8	116	20.0	1.20	42.9	2 x 5.5	2 x 7.5	200	60 ± 3	510	1520 x 710 x 1920	1
ZS-20ATD	S05Z-P150-8	8	116	26.7	1.60	57.1	4 x 3.7	4 x 5	200	62 ± 3	560	1520 x 710 x 1920	1

ZP- Direct Drive with Permanent Magnet Synchronous Motor

Model	Air End	Max. working pressure		Free Air Delivery			Motor power		Air Tank	Noise level	Weight	Dimension	Air Discharge Size
		bar	PSI	l/s	m³/min	cfm	kW	hp				mm	inch
ZS-3ATD	S03T-Y22-8	8	116	4.0	0.24	8.6	1 x 2.2	1 x 3	200	55 ± 3	245	1390 x 630 x 1445	1/2
ZS-5ATD	S05T-Y37-8	8	116	6.7	0.40	14.3	1 x 3.7	1 x 5	200	55 ± 3	365	1390 x 630 x 1445	1/2
ZS-7.5ATD	S06T-Y55-8	8	116	10.0	0.60	21.4	1 x 5.5	1 x 7.5	200	60 ± 3	390	1390 x 630 x 1445	1/2
ZS-10ATD	S05T-Y75-8	8	116	13.3	0.80	28.6	2 x 3.7	2 x 5	200	60 ± 3	490	1520 x 710 x 1920	1
ZS-15ATD	S06T-Y110-8	8	116	20.0	1.20	42.9	2 x 5.5	2 x 7.5	200	60 ± 3	530	1520 x 710 x 1920	1
ZS-20ATD	S05T-Y150-8	8	116	26.7	1.60	57.1	4 x 3.7	4 x 5	200	62 ± 3	590	1520 x 710 x 1920	1

TY-Belt Drive with Asynchronous motor

Specifications are subject to change without notice.





- 1 Dryer controller
- 2 Rocker switch
- 3 Electrical box
- 4 Fans and Coolers
- 5 Compressor capacitor
- 6 Plate heat exchanger
- 7 Compressor
- 8 Electronic drain valve
- 9 Filter drier

ENVIRONMENTAL PROTECTION REFRIGERATED AIR DRYER

Energy Saving/ High Efficiency/ Intelligent/
Environmental protection/ Stable

Working condition

Ambient temperature : 38 ℃ , Max.42 ℃
Inlet temperature : 38 ℃ , Max.65 ℃
Working pressure : 0.7MPa , Max.1.6MPa
Pressure dew point : 2 ℃~10 ℃ (Air dew point : -23 ℃~-17 ℃)
Installation environment: no sun, no rain, good ventilation,
device level hard ground, no dust and fluff

Advantages

Energy saving

Aluminum alloy three in one heat exchanger design, the refrigeration process loss is approaching minimum, increasing the cooling capacity .Under the same amount of processing, the total input power of the model is reduced by 15~50%

Environmental protection

In response to the international Montreal agreement, this series of models all adopt R134a and R410a environmental protection refrigerants, The destruction to the atmosphere is zero and meet the needs of the international market.

High efficiency

An integral heat exchanger is provided with a flow guiding fin, so that the compressed air can be uniformly heated in the interior. Built in gas water separation device, equipped with stainless steel strainer, water separation is more thoroughly.

Intelligence

Multi-channel temperature and pressure monitoring, real-time display dew point temperature,automatically record accumulated running time, Self diagnostic function, display the corresponding alarm code automatically protect the equipment.

Stability

It is equipped with a constant pressure expansion valve as standard, and is equipped with intelligent temperature control as standard. In the laboratory test, when the intake air temperature reaches 65℃ and the ambient temperature reaches 42℃, it still runs stably. At the same time, it is equipped with temperature and pressure double antifreeze protection. While saving energy, it extends the service life of the equipment.

Product Features

1. Using R407C environmental refrigerant, green energy saving;
2. Aluminum alloy three-in-one plate heat exchanger design, no pollution, high efficiency and pure;
3. Intelligent digital control system, all-round protection;
4. High precision automatic energy control valve, stable and reliable operation;
5. Self-diagnosis function, intuitive display of alarm code;
6. Real-time dew point display, the quality of finished gas at a glance;
7. Comply with CE standards.

SPECIAL PLATE HEAT EXCHANGER DESIGN

1. Compact structure and small size

The plate heat exchanger has a square structure and occupies a small space. It can be flexibly combined with refrigeration components in the equipment without excessive space waste.

2. The model is flexible and changeable

The plate heat exchanger can be assembled in a modular fashion, that is, it can be combined into the required processing capacity in a 1+1=2 manner, which makes the design of the whole machine flexible and changeable, and can more effectively control the raw material inventory.



Specifications

GA series refrigerated air dryer	Model	GA-01	GA-02	GA-03	GA-06	GA-08	GA-10	GA-12	GA-15	GA-20	GA-25	GA-30	GA-40	GA-50	GA-60	GA-80
Input power	m³/min	1.2	2.4	3.6	6.5	8.5	11	13.5	17	23	27	34	45	55	65	85
Air pipe connection	KW	0.37	0.52	0.73	1.26	1.87	2.43	2.63	2.7	3.7	4	5.5	6.3	7.5	9.2	11.2
Evaporator type		RC3/4"			RC1* 1/2"		RC2"		RC2.5"		DN80		DN100		DN125	
Refrigerant model		R134A			R410A					R407C						
System Max.pressure drop	Mpa	0.025														
Intelligent control and protection																
Display interface		LED dew point display, LED alarm code display, operation status indication														
Intelligent anti-freezing protection		Constant pressure expansion valve & compressor automatic start/stop														
Temperature control		Automatic control of condensing temperature / dew point temperature														
High voltage protection		Temperature sensor		Temperature sensor & Inductive intelligent protection												
Low voltage protection		Temperature sensor & Inductive intelligent protection														
Weight	KG	34	42	50	63	73	85	94	135	150	220	310	360	385	530	630
Dimension	L	480	520	580	700	770	770	800	1000	1100	1100	1200	1250	1250	1600	1650
	W	380	430	460	540	590	590	610	850	900	950	1000	1000	1100	1100	1200
	H	665	725	785	910	990	990	1030	1160	1200	1300	1550	1650	1650	1800	1880

Specifications are subject to change without notice.

HEATLESS REGENERATIVE ADSORPTION DRYER

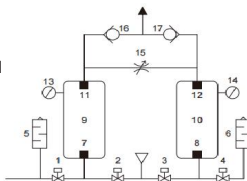


Product features

1. In strict accordance with ISO9001, GB150, ISO7183 adsorption dryer standard, QS, pressure vessel inspection specifications for design, manufacture, production and testing, to ensure the machine safety and reliable operation.
2. Reasonable tower structure and control program, to ensure the impact orientation and touch time of the compressor air and dryer.
3. The adsorbent adopt national standard and high purity of alumina and molecular sieve, with the filling mode of vacuum and negative pressure, not easy powdering and long service time.
4. The adsorption tank with pressure vessel certificate, guarantee the safety.
5. Adopt intelligent controller which can display real-time running parameters and high precision, make the system more stably and easy to operation.
6. Multiple-layer fiber and sound insulation material for noise silencer, equipped with unique design of mechanical silencer, less noise.

Operation process

- 1.4 deflation valve
- 7.8 intake distributor
- 13.14 A.B tower pressure gage
- 2.3 inlet valve
- 9.10 adsorption tank
- 15 regeneration gas control
- 5.6 silencer
- 11.12 outlet diffuser
- 16.17 outlet one-way valve



Working condition

- IAT: $\leq 45^{\circ}\text{C}$
- Ambient Temp: $\leq 30\%$
- Inlet Oil Content: $\leq 0.1\text{ppm}$
- Pressure Dew Point: $-20\sim-40^{\circ}\text{C}$
- Working Pressure: $0.6\sim 0.95\text{MPa}$
- Adsorbent: alumina, molecular sieving
- Control Mode: microcomputer automatic control

AIR COMPRESSOR AFTER TREATMENT EQUIPMENT



1

Stainless steel
stainless steel material, corrosion resisting.

2

Adsorption tank
with pressure vessel certificate, guarantee the safety.

3

Controller
intelligent control, self-development and high precision.

4

Standard low power
consumption solenoid valve
high precision and quick action.



5

Imported butterfly-valve
rapid response, standard
path

6

Noise silencer
multiple-layer fiber with sound insulation
material

7

National standard and
high purity of alumina-
molecular sieve
not easy powdering and
long service time.



8

Imported A three source
pressure regulation, high precision,
good sealing

Specifications

TYPE	AIR HANDLING CAPACITY (Nm ³ /min)	ADSORBENT WEIGHT (KG)	INLET/OUTLET T(PT)	DIMENSIONS(mm)			WEIGHT(KG)
				LENGTH	WIDTH	HEIGHT	
GAD-015	1.5	30	G-1"	780	510	1580	185
GAD-026	2.6	60	G-1"	910	550	1390	270
GAD-038	3.8	69	G1-1/2"	910	600	1531	317
GAD-069	6.9	108	G1-1/2"	1010	600	1956	398
GAD-110	11.0	165	G2"	1130	650	2020	482
GAD-140	14.0	225	DN65	1085	940	2184	587
GAD-180	18.0	300	DN65	1230	1000	2161	745
GAD-220	22.0	330	DN65	1330	1020	2134	895
GAD-280	28.0	420	DN80	1410	1100	2168	1155
GAD-320	32.0	525	DN80	1480	1150	2372	1207
GAD-380	38.0	525	DN100	1480	1310	2460	1449
GAD-460	46.0	615	DN100	1480	1310	2658	1652
GAD-550	55.0	750	DN125	1580	1550	2800	1816
GAD-670	67.0	1035	DN125	1870	1550	2846	2325
GAD-750	75.0	1200	DN125	1960	1550	2876	2750
GAD-850	85.0	1370	DN150	1960	1700	2935	3125
GAD-950	95.0	1560	DN150	2230	1830	2934	3900
GAD-1100	110.0	1770	DN150	2300	1950	3100	4200
GAD-1300	130.0	1980	DN200	2420	2090	2961	4100
GAD-1500	150.0	2200	DN200	2438	2138	3178	4900



- ❶ Pressure gauge
- ❷ PLC main controller
- ❸ Air source processor
- ❹ Pressure Switch
- ❺ Cylinder
- ❻ Drain aluminum square pipe
- ❼ Three layer sealing cover
- ❽ Inner spring compression adjustment
- ❾ High strength aerospace aluminum
- ❿ Blizzard filled desiccant

HEATLESS REGENERATION MODULAR DRYER

Product features

More clean compressed air

- Lower dew point

Modular adsorption dryer generally use aluminum alloy and stainless steel bolts. It helps perfectly to avoid secondary pollution of carbon steel rust in contact with compressed air.

Low cost compressed air

- Lower gas consumption

Modular adsorption dryer is a new structure different from traditional. It divides the whole into parts to make the machine more compact and every modular has separated diffusion function. New type adsorbent combined with independently developed smart controller will reduce regenerative gas consumption to reach a better energy saving effect, greatly cutting down the use cost.

Constant and stable compressed air

- Longer service life

We use pneumatic components of global reputed brands as a guarantee. More scientific structure and sealing design, standard construction parts in uniform as well as anti-oxidation and anti-corrosion treatment are jointly contribute to its 30-year service life time.

Working environment

Standard condition:

$T \leq 35^{\circ}\text{C}$ $P = 7\text{bar}$

Technical indicator:

Dew point pressure $\leq -40^{\circ}\text{C}$ td

Heatless model of regeneration consumption $\leq 3\%$

Heat model of regeneration consumption $\leq 5\%$

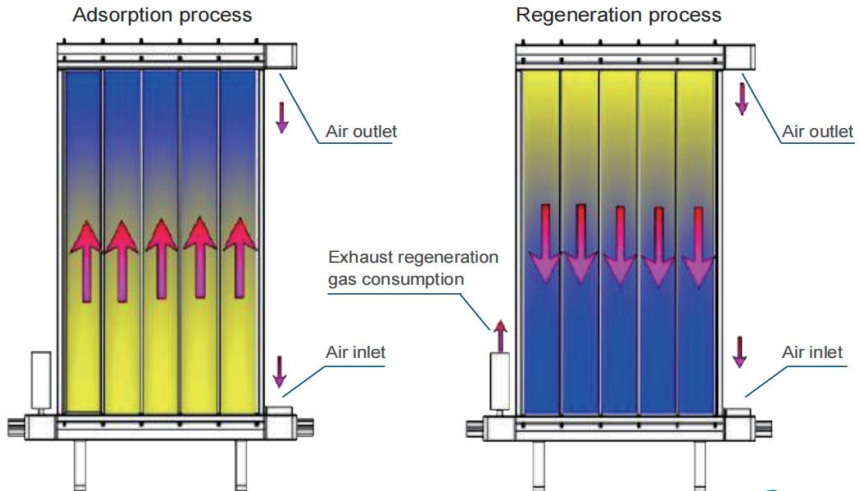
Pressure loss $\leq 0.012\text{MPa}$

Release of noise points $\leq 75\text{dB}$

Suggested matching:

the inlet temperature $35^{\circ}\text{C} \leq T \leq 55^{\circ}\text{C}$, if the temperature very high, please equipped with refrigerated air dryer at before

Working diagram



Specifications

TYPE	FLOWRATE (Nm ³ /min)	INLET/OUTLET	DIMENSIONS(mm)			WEIGHT (KG)
			LENGTH	WIDTH	HEIGHT	
GMZ-025	2.5	G1"	695	355	990	57
GMZ-035	3.5	G1-1/2"	695	355	1665	115
GMZ-070	7.0	G1-1/2"	870	355	1665	162
GMZ-105	10.5	G2"	1045	355	1665	202
GMZ-140	14.0	G2"	1220	355	1665	262
GMZ-175	17.5	G2-1/2"	1395	355	1665	320
GMZ-210	21.0	G2-1/2"	1570	355	1665	382
GMZ-245	24.5	G2-1/2"	1745	355	1665	440
GMZ-280	28.0	G2-1/2"	1850	355	1665	502
GMZ-350	35.0	DN100	1435	790	1665	640
GMZ-420	42.0	DN100	1610	790	1665	764
GMZ-490	49.0	DN100	1785	790	1665	880
GMZ-560	56.0	DN120	1890	790	1665	1004
GMZ-630	63.0	DN150	1610	1195	1665	1146
GMZ-735	73.5	DN150	1785	1195	1760	1320
GMZ-840	84.0	DN150	1890	1195	1665	1506

Specifications are subject to change without notice.





Risks to avoid

Installing an air receiver allows you to avoid the following risks:

- Unstable pressure peaks
- Multiple start/stop of the compressor
- More condensate risk

AIR RECEIVER

Functionalities

Suitable for any application using compressed air:

- Storage function in order to handle high air consumption
- Stabilize pressure peaks and provide a stable air flow
- Perform a preliminary separation and removal of condensate

User benefits

Pressure stabilization

Beneficial for the pneumatic tools using the compressed air

Storage function

For handling high air consumption

Improvement of the lifetime, reliability and functionality of your compressor

- Pulsation reduction
- Velocity reduction
- Temperature reduction
- Condensate separation

How to select the size of my receiver?

There is no one rule that fits all as some applications require larger air tanks because of the process.

However, two rules of thumb that can help to finetune:

Your air receiver capacity should be at least 1/4 of your free air delivery expressed in m³/min

Base yourself on the compressor's motor power and calculate the capacity:

- Motorpower in HP x 30
- Example: If you install a 10HP screw compressor, your receiver capacity should be minimally 300 liter

Correctly sizing your air receiver brings following benefits for your compressors' operations:

- Less waste during unloading period
- Overall smoother operation
- Avoid mechanical stress on several components



Details display

Focus on each detail, keep improve,
only for better user experience



Precision pressure gauge
accurate pressure display



Air inlet port
easy to install



Blow down valve
remove moisture from compressor air



Precision Safety valve
security assurance



Air outlet port
easy to install



Connection kit

Pressure gauge
Safety valve
Drain valve

Specifications

No	Specification	Design Temperature(℃)	Total Height(H)	Diameter(Φ)	Air Inlet Port			Air Outlet Port			Base		Drain valve connector	Matching air compressor capacity reference(m³/min)
	Volume/Pressure				H1	DN	Thread	H2	DN	Thread	φ1	d		
1	0.3/0.8	110	1586	550	645	50	Rp1 1/2"	1235	50	Rp1 1/2"	400	20	R1/2"	2.5~3
2	0.3/1.0													
3	0.3/1.3													
4	0.5/0.8													
5	0.5/1.0	110	2086	600	630	50	Rp1 1/2"	1630	50	Rp1 1/2"	420	20	R1/2"	4~5
6	0.5/1.3													
7	0.6/0.8													
8	0.6/1.0													
9	0.6/1.3	110	2116	650	645	65	Rp1 1/2"	1645	65	Rp1 1/2"	420	20	R1/2"	4.8~5
10	1.0/0.8													
11	1.0/1.0													
12	1.0/1.3													
13	1.5/0.8	110	2289	1000	680	65	Rp2"	1930	65	Rp2"	700	24	R1/2"	12~15
14	1.5/1.0													
15	1.5/1.3													
16	2.0/0.8													
17	2.0/1.0	110	2789	1000	780	80	Rp2"	2280	80	Rp2"	700	24	R1/2"	16~20
18	2.0/1.3													
19	2.5/0.8													
20	2.5/1.0													
21	2.5/1.3	110	2740	1200	880	80		2200	80		840	24	R3/4"	20~25
22	3.0/0.8													
23	3.0/1.0													
24	3.0/1.3													
25	4.0/0.8	110	3050	1400	930	100		2430	100		1050	24	R3/4"	32~40
26	4.0/1.0													
27	4.0/1.3													
28	5.0/0.8													
29	5.0/1.0	110	3630	1400	930	100		2990	100		1050	24	R3/4"	40~50
30	5.0/1.3													
28	6.0/0.8													
29	6.0/1.0													
30	6.0/1.3	110	3558	1400	955	100		3155	100		1100	30	R3/4"	48~60

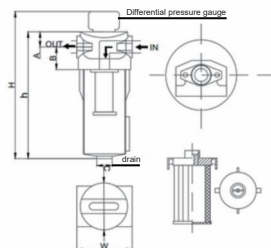
Specifications are subject to change without notice.

PRECISION FILTER

Efficient Removal Of Pollutants
In Compressed Air



Ultra-clean precision filters provide users with high-quality compressed air filtration, which is specially used in laser cutting, bottle blowing, advanced spraying, food, electronics, petrochemical and other industries. By installing ultra-clean precision filters, compressor air pollutants (such as oil, water, dust, etc) can be effectively removed.



Main features

With leak detection equipment: filter leakage is the loss of energy, and it is not easy to find a lot of minor leakage; CJ series super-clean precision filters are 100% involved in strict leak detection test, to ensure that each product has nominal

The company has a special laboratory and has introduced advanced German testing equipment, and the product testing is in line with ISO8573-1:2010 (E) international standard.

The uniquely designed ball valve is fitted with a seal ring, simple and convenient, with no need of sealing strip for installation.

Serial combinations

In order to meet more application requirements, we have designed a series of fast combinations, suitable for various laboratories or laser cutting, advanced spraying, bottle blowing and other industries. They can be used directly in series without adding thread



AIR COMPRESSOR AFTER TREATMENT EQUIPMENT

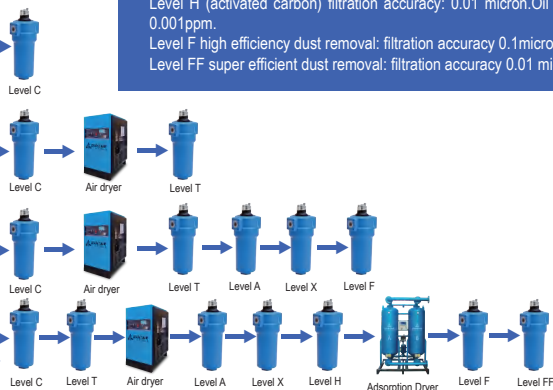


1. Suitable for general mechanical welding, mining, etc. Complies with ISO8573.1:3.-4

2. Suitable for general workshops, pneumatic tools, sandblasting, etc. in line with ISO8573.1:2.-2

3. Suitable for food, beverages, electrostatic coating, laser cutting, precision control valves, etc.; in line with ISO8573.1:1.-1

4. Applicable to food, beverage, medical treatment, clean and sterile laboratory, automation technology equipment, precision electronics industry, etc.; in line with ISO8573.1:1.-1



Represents the filter level

Level C filtration accuracy: 3 microns, oil content: 3 ppm.

Level T filtration accuracy: 1 micron, oil content: 1 ppm.

Level A filtration accuracy: 0.01 micron, oil content: 0.01 ppm.

Level X filtration accuracy: 0.01 micron, oil content: 0.003 ppm.

Level H (activated carbon) filtration accuracy: 0.01 micron. Oil content: 0.001ppm.

Level F high efficiency dust removal: filtration accuracy 0.1micron.

Level FF super efficient dust removal: filtration accuracy 0.01 micron

Specifications

Filter model	Flow m³/min	Interface c	Type of filter element	H	W	A	B
Product selection							
CJ-005	0.7	1/2"	FJ-005	165	74	22	42
CJ-010	1.2	1/2" 3/4" 1"	FJ-010	240	95	32	51
CJ-020	2.3	1/2" 3/4" 1"	FJ-020	280	95	32	51
CJ-030	3.5	1-1/2"	FJ-030	302	125	38	65
CJ-050	5.7	1-1/2"	FJ-050	421	125	38	65
CJ-070	7.8	1-1/2"	FJ-070	421	125	38	65
CJ-110	11.6	2"	FJ-110	550	170	46	82
CJ-150	15.5	2"	FJ-150	550	170	46	82
CJ-200	20.8	2-1/2"	FJ-200	640	205	60	100
CJ-250	25.3	2-1/2"	FJ-250	640	205	60	100
CJ-300	30.8	3"	FJ-300	792	205	60	100
CJ-400	40.5	4"	FJ-400	820	220	85	110
External flange							
FCJ-200	20.8	DN65	FJ-200	640	438	92.5	92.5
FCJ-250	25.3	DN65	FJ-250	640	438	92.5	92.5
FCJ-300	30.8	DN80	FJ-300	792	205	99.5	99.5
FCJ-400	40.5	DN100	FJ-400	820	220	150	150

Specifications are subject to change without notice.



GIANTAIR
COMPRESSOR

Jiangxi Voco Industrial And Trade Co., Ltd.

We always stand on the stage of our customers and make our product unique and distinguished from the market. Applying our own screw air end with German technology to our screw compressors, we are confident to offer qualified product and service to customers.

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