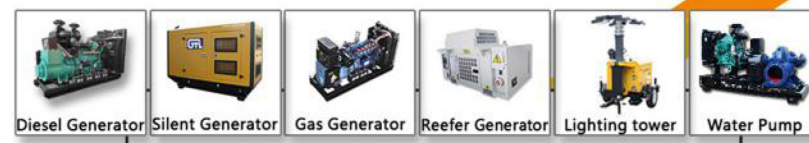
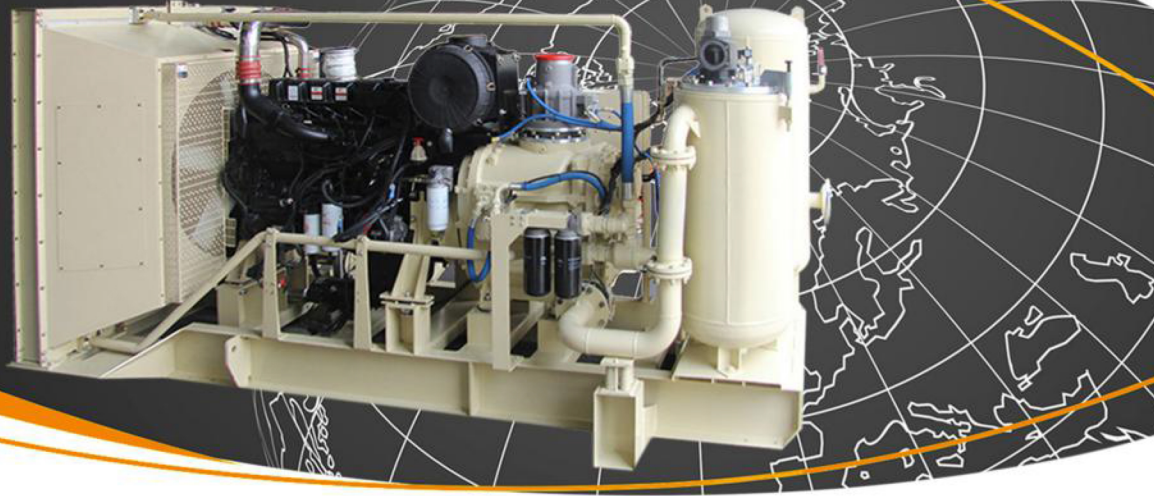


**Comprehensive air power solutions
Technology and Innovation**



E-Mail: Vicsun@cngtl.com www.cngtl.com

厦门固泰力动力科技有限公司
XIAMEN GTL POWER SYSTEM CO.,LTD



ABOUT GTL

GTL Power System is committed to the R&D and manufacturing of Diesel Generator, Screw Air Compressor, Diesel Pump, Lighting Tower, Welding Generator and related control system and accessories. As a high-tech enterprise, we obtained National Industrial Production Permit in fabricating compressors.

Meanwhile, we are a comprehensive solution provider for our customers in different fields, both power solution and air compressed solution. Combining our worldwide after-sales service, our product is widely used in different industries to cater to different customer demand.



Stationary air compressor air tank multifunction compressor



Quality Management and Accreditations



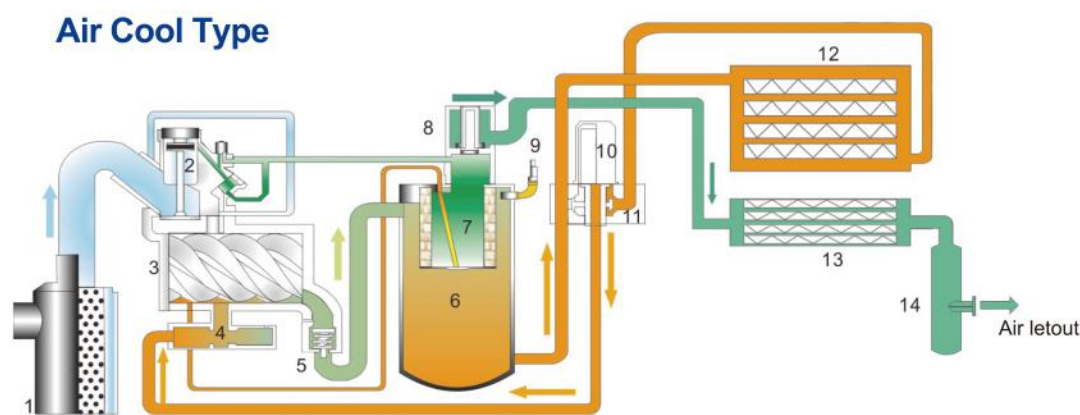
The Solution of Air Compressor System

Stationary motor driven screw type air compressor (air cool, water cool)

- C type
- V type
- V plus type
- L type
- Air tank
- multifunction compressor

- Mobile screw type air compressor
- Diesel engine drive
- Motor drive (low voltage and middle or high voltage)

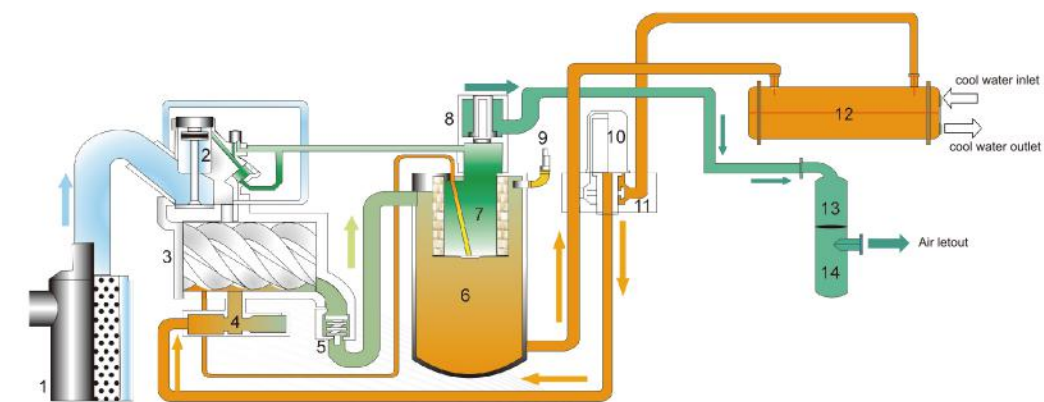
- Energy saving system
- Heat recollection system
- Exhaust dispose system



- Compressor system
- 1 air filter
 - 2 load-reduce valve
 - 3 screw compressor
 - 4 stop oil valve
 - 5 Check valve
 - 6 Fine separator
 - 7 oil air separator
 - 8 Pressure holding and check valve
 - 9 safe valve
 - 10 oil filter
 - 11 Oil temperature regulator
 - 12 oil air dryer
 - 13 exhaust air dryer
- fuel air mixer
 - air letout
 - oil channel

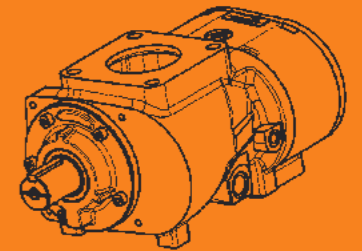
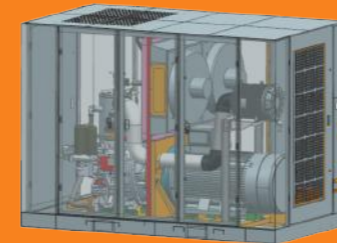
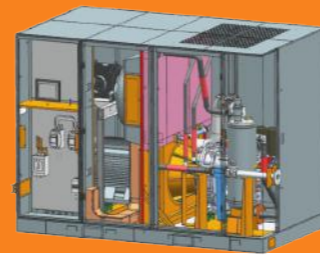
Flow Chart of System

Water cool type



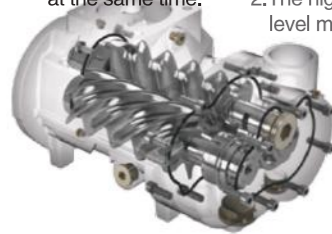
- Compressor system
- 1 air filter
 - 2 load-reduce valve
 - 3 screw compressor
 - 4 stop oil valve
 - 5 Check valve
 - 6 Fine separator
 - 7 oil air separator
 - 8 Pressure holding and check valve
 - 9 safe valve
 - 10 oil filter
 - 11 Oil temperature regulator
 - 12 oil air dryer
 - 13 exhaust air dryer
 - 14 air water separator
- fuel air mixer
 - air letout
 - oil channel

Excellent overall performance



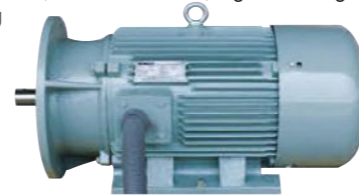
Strong compressor

1. The optimization designs of rotor molded lines increases the volumetric efficiency maximally and achieve low power consumption at the same time.
2. The high quality moving parts material, high level machining and assembly precision and SKF overloaded bearings reduce impact and vibration to the machine maximally; and prolong the service life of the moving parts and further ensure the reliability of the compressor.



High quality and efficient main motor

Adopt new technology efficient motor with 4top standard, F insulation, class B temperature rise, IP55 protection class improves the reliability of the motor and the compressor. The average service life of the oversize bearings designed specially for the compressor can reach the eight times of MEMA standard, at the same time, a grease filling mouth installed in the bearing end cap is convenient for maintenance, and fully embody the humanized design.



Air Circuit System



1. The latest intake capacity control system design integrates non-return valve, cut-off oil, capacity adjustment (optional) and other functions into a whole, the low pressure design optimizes suction efficiency, and can adjust automatically according to the actual demand change of the compressed air in the course of work, so it is high efficiency and energy saving.
2. The inlet air filter design blocks dust and foreign body into the body effectively, prolonging the cleaning time and service life of cooler.
3. Using the industry's leading high overloading air filter, the size increases 30% filter dust. It can reduce the pressure loss and the intake noise, and enhance the energy-saving efficiency and reliability.
4. The minimum pressure valve ensures the minimum pressure required by lubricating oil follow when starting and unloading operate, and prevents the backflow of compressed air.
5. Use secure leakproof sealing scheme, rational distribution of pipe fittings is considered fully in the process of design, using dual taper seal o-rings to eliminate oil leakage and leakage thoroughly.

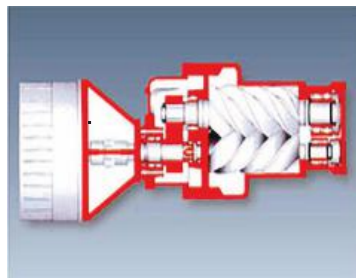
Oil Circuit System

1. Tertiary oil and gas separation system (centrifugal/gravity/fine separation), micro design, built-in efficient oil and gas separator core, ensure $\leq 2 - 3$ PPM oil content of compressed air, ensure the air is clean, at the same time, reduce effectively the oil consumption, and reduce the load of downstream air treatment equipment.
2. Using the separating tank cover hinge design, only need to rotate the end cover to one side to replace filter, save time and effort.
3. The imported oil filter removes more effectively impurities and inferior substances in lubricant, and ensure the service life of the host to the greatest extent;
4. Using originally imported temperature control valve, the performance is more stable and reliable;
5. Efficient after cooler has advantages of small volume, high efficiency and long washing period, ensuring that the air supply temperature.
6. The multi-function gas water separator can eliminate 70% of the condensed water automatically; provide the quality of compressed air and has function of manual drainage, and is easy to maintain.



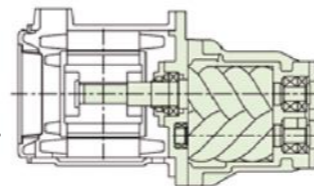
Direct elastic coupling

The elastic coupling direct drive combines the motor and the compressor as a whole, which is simple and reliable, and the transmission efficiency is as high as 99.9%. It optimizes the unit performance effectively, and is convenient to fill oil, maintain and maintain on site.



V - PLUS One-piece structure

1. Adopt embedded integrated bearing direct structure, the structure is more compact, and the transmission efficiency is 100%
2. High efficiency permanent magnet motor (PM motor)
 - ※ Compared with ordinary frequency modulation motor, PM motor is more superior in energy saving, and still can preserve high motor efficiency at low speed;
 - ※ Adopting high performance Nd-Fe-B permanent magnets, the service life exceeds 15 years;
 - ※ Adopting special corona-resistant enameled wire, insulation performance is outstanding, and the service life is longer;
 - ※ The rotor with a permanent magnet is installed directly on the extending shaft of male rotor, no need for bearings, eliminating the fault point of motor bearing;
3. The motor is small in size, a third of ordinary frequency modulation motor size, easy to disassemble and assemble.



Optional efficient integrated overall design

Water Cooling System

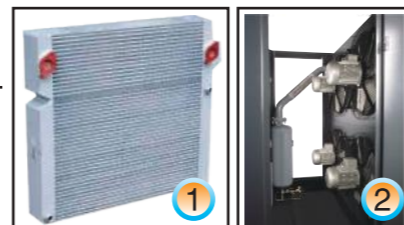
1. Adopt efficient tube cooler, large capacity, large heat exchange area and high cooling efficiency, which is suitable for high temperature environment;



2. The water go through pipe, gas exhaust by the outside of the pipe. The direct connection design makes it convenient to clean the cooler and has a longer washing period.

Air cooling system

1. It is 46 °C environment temperature and efficient cooling system design. The no weld connection of the large oil cooler and after cooler avoids thermal stress damage, greatly extend the service life; The heat transfer surplus is 30%, the cooling temperature difference is around 8 °C, and heat exchanges efficiency is outstanding;
2. Using multiple fan design vertical type cooler structure, make full use of cooler cooling area, improve the efficiency of cooling. The separate hot and cold chamber make the heat dissipation effect is better, and ensures all components work in the cold chamber; prolong the service life of parts.



Built-in freeze drying machine



The dexterous design and built-in freeze drying machine makes the air compressor to output dry compressed gas directly without any increase in area.

Built-in heat recovery unit

It is energy conservation and environmental protection, at same time, the one-piece heat recovery unit saves the space resource.



Intelligent Control System

EPMaster Intelligent Control System

A big LCD display can display text and graphics so that the compressor running status and a variety of settings are clear at a glance. Because a variety of settings can be achieved by simple operations on the operation panel, greatly improving the user's convenience, in case fails occurs, the fault content will display on the screen, and can be removed and conveniently and quickly.

Standard Features:

1. 20 languages for choose including simplified Chinese, traditional Chinese, English, Spanish, Portuguese, French, etc.
2. There are more than six kinds of advanced control operation mode from the traditional add/unloading control to the frequency conversion/variable capacity optimization configuration. The operator can find a optimum operation model according to the request of any use,.
3. The internal control system functions can integrate less than 8 EPMaster into a whole system operation control.
4. Check time prompt functions
5. Regular operation function
6. Running data storage capabilities
7. Restart function after power-off
8. Machine master-slave machine configure, control and run function

Option:

1. The SD memory card, used to store the important data and related issues;
2. The Ethernet connection card, which can operate the equipment in anywhere of the world , connect to the air compressor through the network; and can check air compressor working status, by the online control interface, or change the system parameters.



GTL CENTRE COMBINE SYSTEM

Through analyzing the stop time and loss of production process equipment, we further improve match between supply and demand of compressed air, we providing market-leading compressor management solution, support seamless access to compressed air equipment, meanwhile, we strict management then achieve incredible business benefits

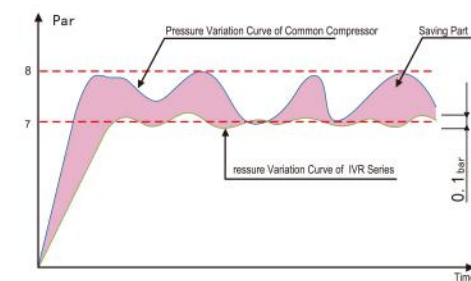


GTL Inverter Type Air Compressor with the Function of Effective Energy Conversation (Common Inverter V TYPE & PM Inverter V PLUS)

Constant Pressure Control

Compare to common constant speed machine, inverter type compressor can adjust the rotation speed of main motor automatically through PID mode according to the actual usage amount of compressed air. It not only achieve the constant pressure control, but can save the energy.

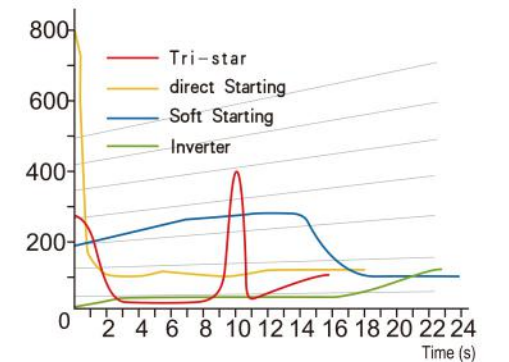
Pressure Variation Drawing



Start without impact

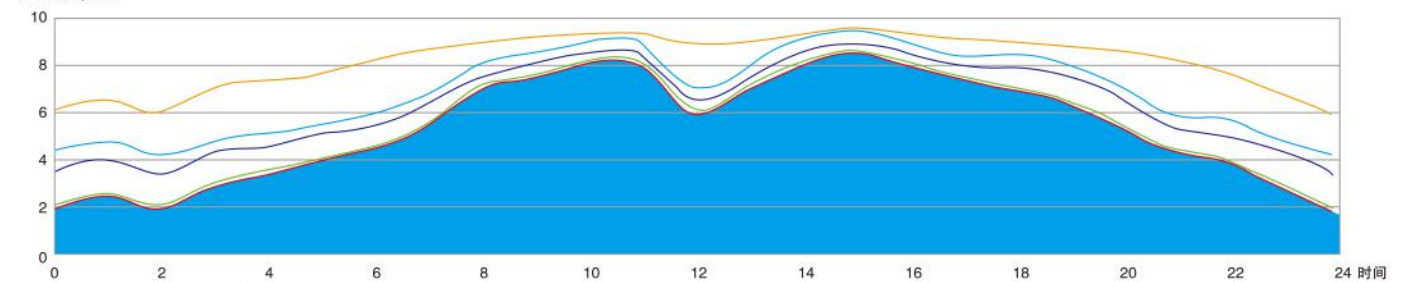
Inverter start mode reduces the impact on the grid and mechanical parts when start the compressor and prolong the service life of machine.

Starting Current Drawing



Efficiency of Energy Conservation

consumption



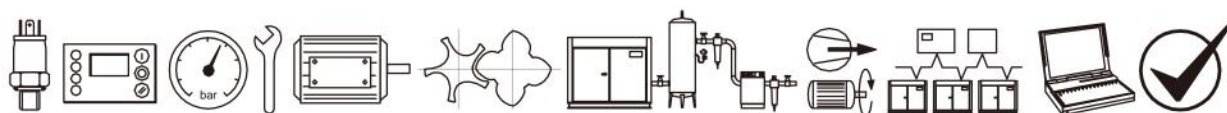
- Energy for the actual air usage amount
- PM inverter type screw air compressor
- Common PM inverter type screw air compressor
- Plug-type & PM inverter type screw air compressor
- Screw Air Compressor—Power Frequency Type

Compare to constant speed compressor, PM compressor can save **35%** of energy when it work at 60% load. If compare to common inverter type compressor, it can save **22%** of energy.

Energy Conversation Difference between Inverter Type and no Inverter Type

Assumed condition: Average working at 70% load, running for 8,000hrs/year, electricity price is ¥0.7/ KW/H. Compare to common compressor, inverter type compressor can save cost as below table:

Power(KW)	22	30	37	55	75	90	110
Saving Cost (\$/year)	22700	30925	38215	56683	77374	92837	113356

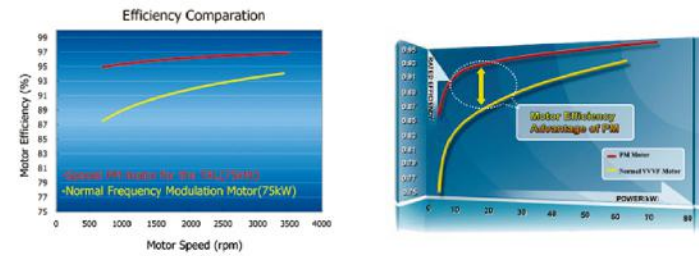


Differences between Compressor's PM variable frequency & normal variable frequency.

Energy-saving systems

Comparison for Energy Efficiency

PM motor keeps high efficiency when it is low speed.



Comparison for the inverter's range

The regulation range of normal inverter is 40%–100%. In the words, when the deviation from the working conditions is in excess of 60%, the normal inverter will be unable to regulate the motor's rotating speed. In contrast, Foxair compressor's PM variable frequency air compressor has a range of 15%–100%. This means that even in the case of 85% deviation from working conditions, Foxair compressor's PM variable frequency air compressor can still function normally.

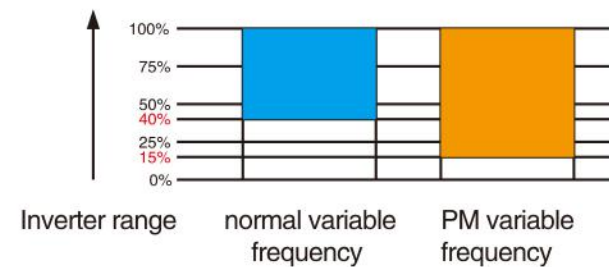
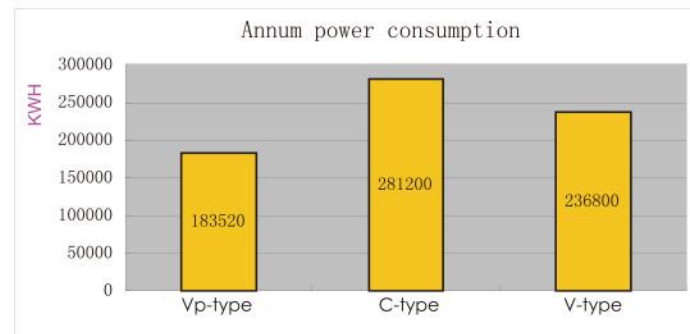


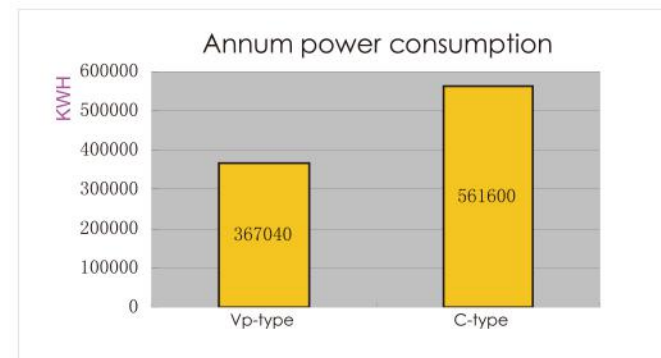
Table of comparison for Energy Efficiency of 37KW screw air compressor

Take 37KW screw air compressor as an example. All values tested during experiment are calculated based on average operating time of 8,000 hours per annum.

Compressor type	annum power consumption KWH	Energy percentage
PM inverterVp-type	183520	34.7%
ageless speed motorC-type	281200	0.0%
normal inverterV-type	236800	15.8%

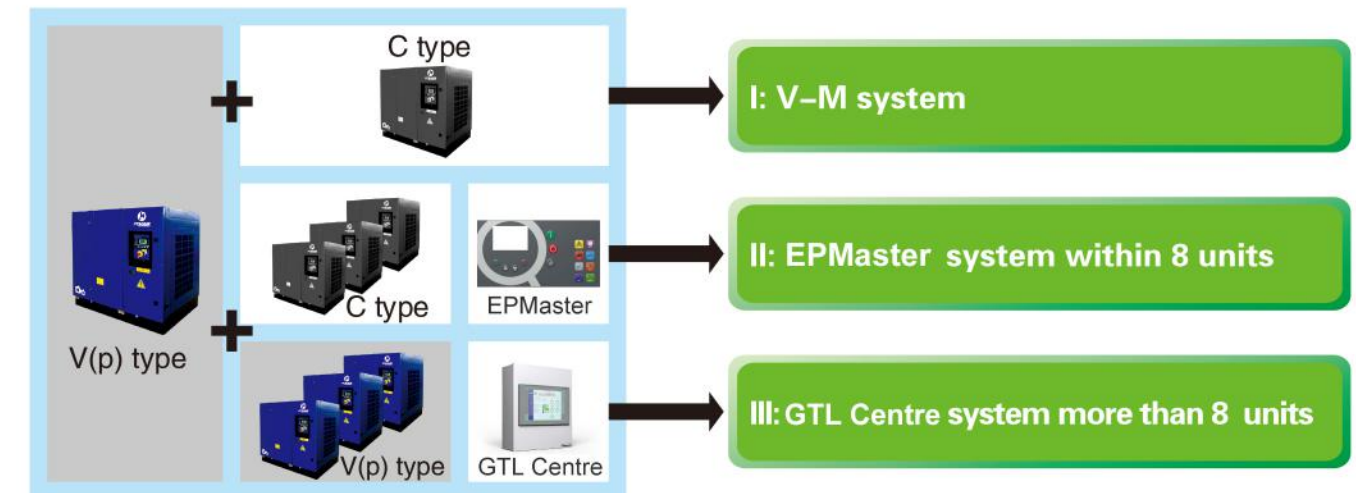
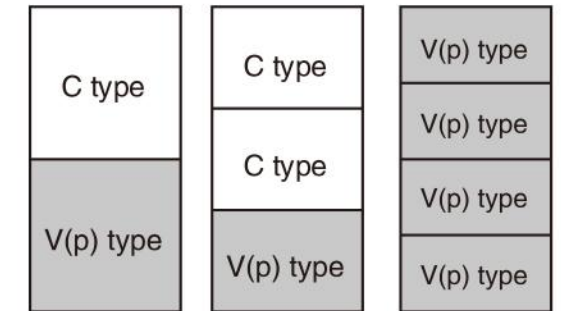
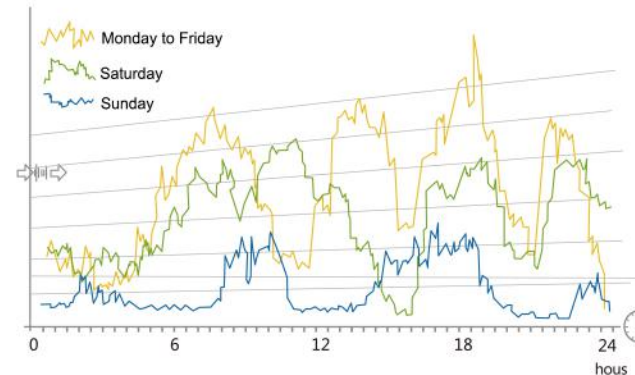


Compressor type	annum power consumption KWH
PM inverterVp-type	367040
ageless speed motorC-type	561600
Energy percentage	34.64%



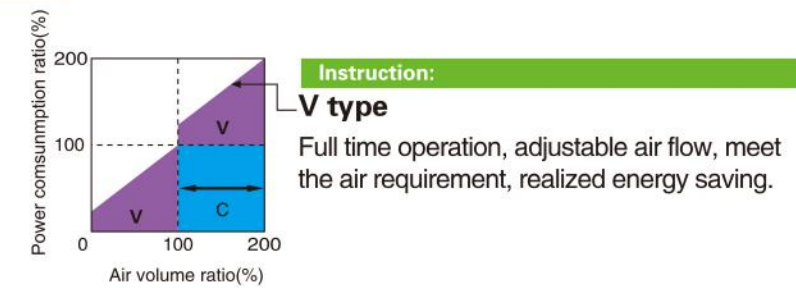
Almost every compressor system, air demand fluctuates with time. Because of it, the client requests energy-saving. GTL can provide different kind energy-saving systems.

Customer's gas load change diagram



I: V-M system (2-3 unit)

- The combination V type & ageless speed motor realized energy-saving
- Automatic Start/Stop function of equipped constant speed compressor (Working at full load)

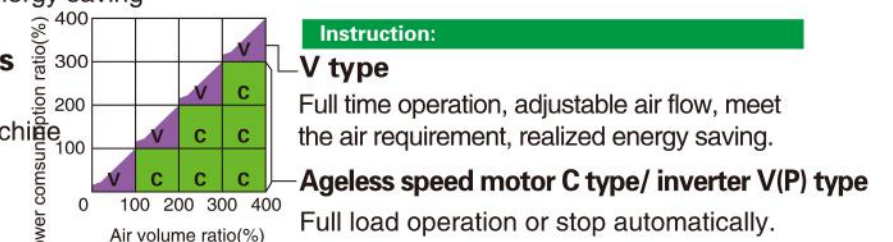


II EPMaster system within 8 units

- EPMaster control system controls realizes energy saving

III. GTL Centre system for aboved 8 units

- GTL Centre control system to save energy.
- Realize average time of operating lattice machine



GTL FHR Heat Recovery Device

Post-processing system of compressed air

About Compressor energy recovery

In fact, large amounts of electric power which consumed during running, except for a few of them converted into compressed air and applied to the practice, in excess of 90% was converted into heat energy and send into our environment.

In order to meet the user' requirement of energy recovery, GTL developed the energy recovery device which is qualified to be employed in air compressor to provide complete energy recycle scheme, to be possible to bring domestic hot water, Central air-conditioning system hot water, Technology pre-heat water and Boiler hot water preheating for the enterprise

The advantage of energy recovery device:

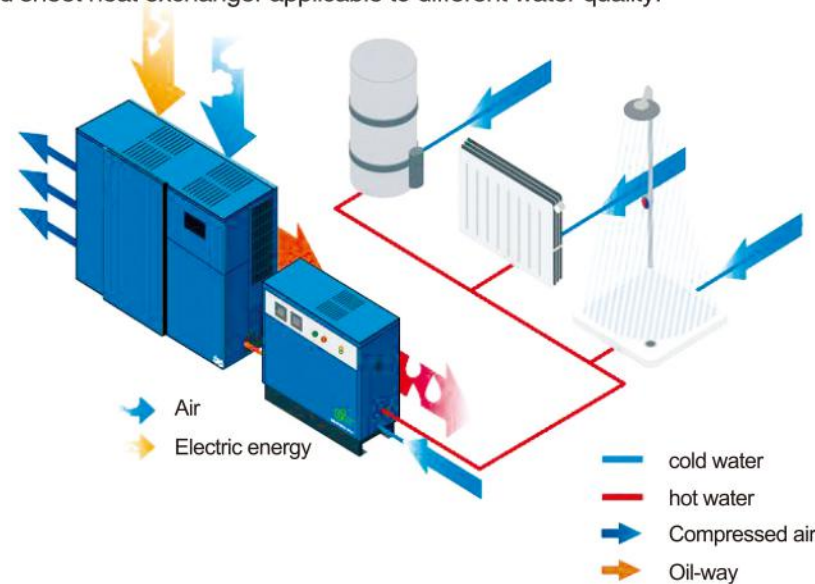
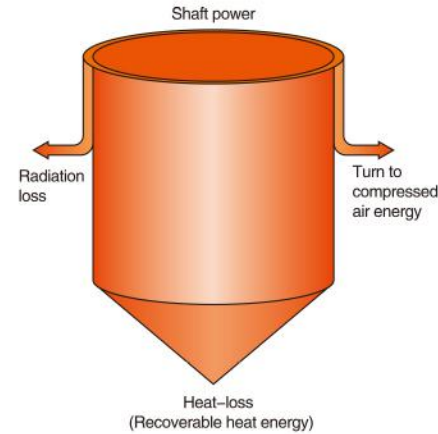
1. Frequency conversion control, constant outlet.

The user can set at any value between 15°C ~70°C, keep outlet temperature constant according variable frequency regulating, so as not to a frequently change of load to make the hot water temperature varies with the load.

2. Constant oil temperature can increase service life

The CPU which built in the Hear Recovery Device will disposes the parameters of in/out oil temperature, outlet water temperature etc. then accuracy control the cooling water to keep the temperature at the vents constant to prevent supercooling emulsify and overheating, thereby increasing the working life of Compressor;

3. Two choice of Panel and sheet heat exchanger applicable to different water quality.

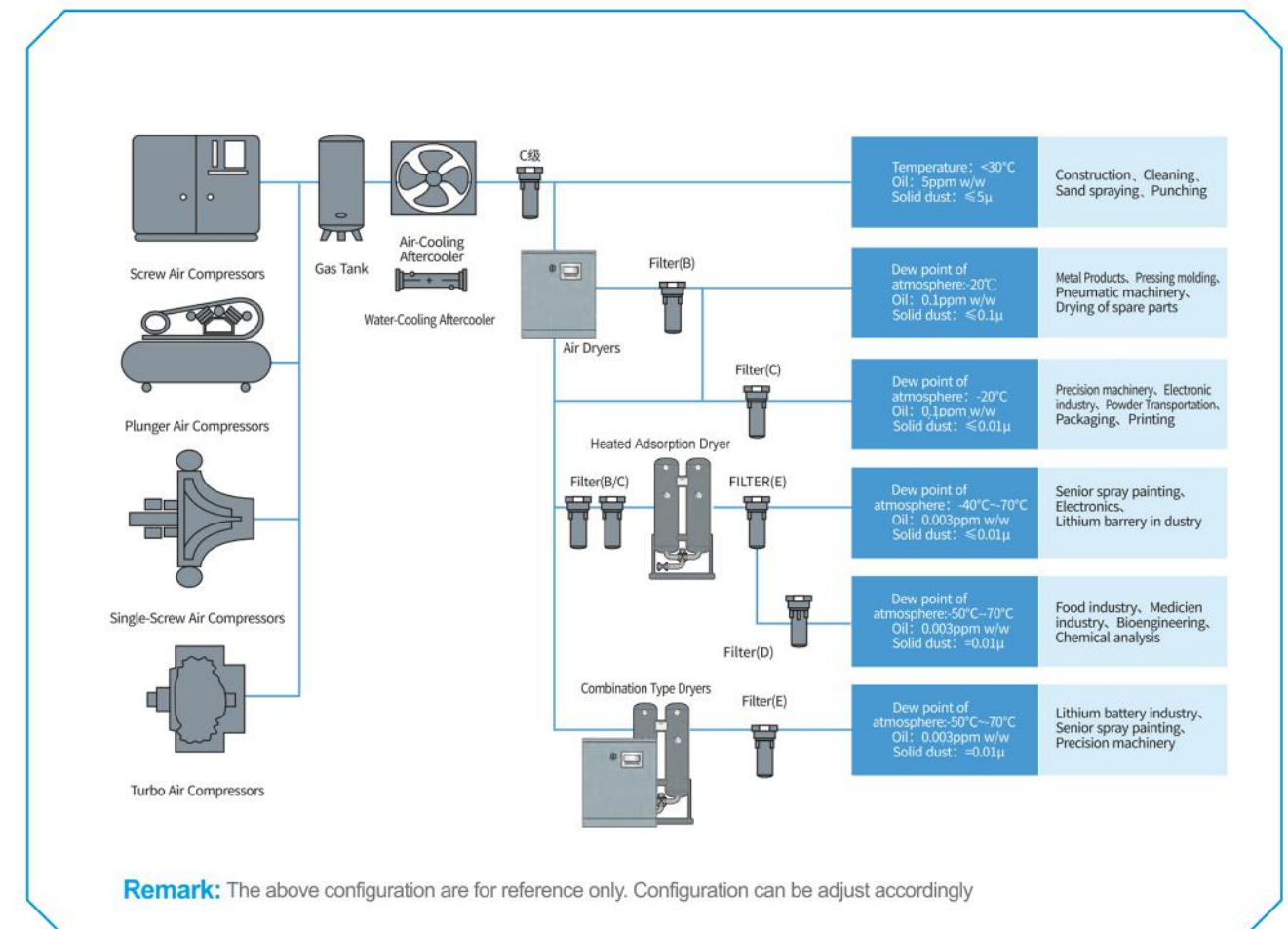


Energy recovery device parameter.

Model	inlet temperature °C	outlet temperature °C	L*W*H mm	inlet/outlet dimension
FHR-350	20	70	1500x800x1200	Rp1

One stop shopping One stop service

- We design reasonable allocation and economic compressor station for our customer, Provide cleaner compressed air
- We provide "Pre-sales consulting", "Machine sales", "Site maintenance" and "Spare part supply" four -in -one accurate and timely service.



Screw Air Compress---Belt Transmission

GCB Series---Constant Speed (5.5-90KW)

Model		GCB-5	GCB-7	GCB-11	GCB-15	GCB-18	GCB-22	GCB-30	GCB-37	GCB-45	GCB-55	GCB-75	GCB-90
Air Delivery / Working Pressure	m³/min/MPa	0.85/0.7	1.23/0.7	1.81/0.7	2.10/0.7	3.20/0.7	3.80/0.7	5.20/0.7	6.80/0.7	7.80/0.7	10.50/0.7	13.50/0.7	16.50/0.7
		0.75/0.8	1.15/0.8	1.67/0.8	2.00/0.8	3.00/0.8	3.60/0.8	5.00/0.8	6.28/0.8	7.30/0.8	9.80/0.8	13.00/0.8	16.10/0.8
		1.03/1.0	1.47/1.0	1.80/1.0	2.70/1.0	3.20/1.0	4.25/1.0	5.60/1.0	6.60/1.0	8.80/1.0	11.80/1.0	13.90/1.0	16.10/1.0
Compression Stage		single stage											
Type of cooling		(Air cooled)						(Water cooled)					
Discharge temperature	°C	< ambient temperature+15°C (air cooled) <40°C (water cooled)											
Oil content of discharged air	ppm	< 3											
Noise	dB(A)	62 ± 2	62 ± 2	63 ± 2	63 ± 2	65 ± 2	65 ± 2	65 ± 2	65 ± 2	68 ± 2	68 ± 2	72 ± 2	72 ± 2
Driven Mode		belt driven											
Power	V/ph/Hz	380/3/50											
Motor power	KW	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90
Rotation speed	R/min	2905	2905	2935	2935	2935	2940	2945	2945	2950	2965	2965	2965
Starting method		Direct Starting						Y- ▲ starting					
Cooling air volume	m³/h	80	80	80	100	145	145	255	255	255	255	268	400
Demension	L	mm	850	850	950	950	1150	1150	1150	1300	1300	1450	1450
	W	mm	640	640	800	800	900	900	900	1000	1000	1450	1450
	H	mm	840	840	1140	1140	1250	1250	1250	1465	1465	1795	1795
Weight	Kg	300	410	475	560	560	640	900	980	1050	1250	1850	2200
Outlet Pipe Diameter	inch	G3/4"	G3/4"	G3/4"	G3/4"	G1"	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"	DN50

GVB Series-- Inverter

型号/Model		GVB-7	GVB-11	GVB-15	GVB-18	GVB-22	GVB-30	GVB-37	GVB-45	GVB-55(W)	GVB-75(W)	GVB-90(W)	
Air Delivery/ Working Pressure (m³/min/Mpa)		0.36-1.23/0.7	0.51-1.81/0.7	0.72-2.10/0.7	0.93-3.20/0.7	1.14-3.80/0.7	1.56-5.20/0.7	1.92-6.80/0.7	2.4-7.80/0.7	3.1-10.50/0.7	4.1-13.50/0.7	4.9-16.50/0.7	
		0.33-1.15/0.8	0.48-1.67/0.8	0.66-2.00/0.8	0.87-3.00/0.8	1.05-3.60/0.8	1.5-5.00/0.8	1.83-6.28/0.8	2.3-7.30/0.8	2.9-9.80/0.8	4.0-13.00/0.8	4.5-16.10/0.8	
		0.28-1.03/1.0	0.42-1.47/1.0	0.6-1.80/1.0	0.81-2.70/1.0	0.96-3.20/1.0	1.29-4.25/1.0	1.71-5.60/1.0	2.1-6.60/1.0	2.6-8.80/1.0	3.5-11.80/1.0	4.3-13.90/1.0	
		0.24-0.89/1.3	0.36-1.25/1.3	0.51-1.50/1.3	0.66-2.30/1.3	0.87-2.80/1.3	1.11-3.75/1.3	1.53-4.60/1.3	1.7-5.70/1.3	2.3-8.00/1.3	2.9-10.00/1.3	3.7-12.30/1.3	
Electric Motor	Power (KW)	7.5	11	15	18.5	22	30	37	45	55	75	90	
	Horsepower (HP)	10	15	20	25	30	40	50	60	75	100	120	
	Voltage (V/H)	380/50											
	Starting Method	AC power, variable frequency starting											
Noise DB (A)		66 ± 2	70 ± 2	70 ± 2	72 ± 2	73 ± 2	74 ± 2	74 ± 2	74 ± 2	74 ± 2	75 ± 2	75 ± 2	
Outlet Pipe Diameter (Inch)		G3/4	G3/4	G3/4	G1 1/4	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	G2	
Use of The Environment Temperature (°C)		-5°C ~ +45°C											
Discharge Temperature (°C)		Air cooled < Ambient temperature + 8°C											
Weight (kg)		435	475	560	560	640	900	980	1050	1250	1850	2100	
Dimension	L (mm)	770	950	950	1380	1380	1380	1300	1300	1450	1450	1450	
	W (mm)	650	800	800	900	900	900	1000	1000	1450	1450	1450	
	H (mm)	850	1140	1140	1150	1150	1150	1465	1465	1795	1795	1795	

Screw Air Compress---Shaft Coupling Transmission

GC Series---Constant Speed (22-550KW)

Model		GC22 (W)	GC30 (W)	GC37 (W)	GC45 (W)	GC55 (W)	GC75 (W)	GC90 (W)	GC110 (W)	GC132 (W)	GC160 (W)	GC185 (W)	GC200 (W)	GC22 (W)	GC250 (W)	GC280 (W)	GC315 (W)	GC365 (W)	GC400 (W)	GC450 (W)	GC500 (W)	GC550 (W)	
Air Delivery / Working Pressure	m³/min/MPa	3.80/0.7	5.20/0.7	6.80/0.7	7.80/0.7	10.50/0.7	13.50/0.7	16.50/0.7	21.00/0.7	24.10/0.7	29.00/0.7	32.50/0.7	34.80/0.7	37.00/0.7	45.00/0.7	50.70/0.7	59.00/0.7	67.00/0.7	70.00/0.7	74.00/0.7	82.00/0.7	102.00/0.7	
		3.60/0.8	5.00/0.8	6.28/0.8	7.30/0.8	9.80/0.8	13.00/0.8	16.10/0.8	20.00/0.8	23.60/0.8	28.50/0.8	31.00/0.8	32.00/0.8	34.50/0.8	43.50/0.8	50.00/0.8	58.00/0.8	63.00/0.8	68.00/0.8	72.00/0.8	75.00/0.8	94.00/0.8	
		3.20/1.0	4.25/1.0	5.60/1.0	6.60/1.0	8.80/1.0	11.80/1.0	13.90/1.0	17.00/1.0	20.50/1.0	26.50/1.0	27.50/1.0	28.00/1.0	31.50/1.0	39.00/1.0	42.00/1.0	49.00/1.0	52.00/1.0	57.00/1.0	59.00/1.0	70.00/1.0	76.00/1.0	
Compression Stage		single stage																					
Type of cooling		(Air cooled)											(Water cooled)										
Temperature of Water inlet	°C	≤ 32																					
Pressure of Water inlet	MPa	0.2-0.6																					
Discharge temperature	°C	< ambient temperature+15°C (air cooled) <40°C (water cooled)																					
Oil content of discharged air	ppm	< 3																					
Noise	dB(A)	65 ± 2	65 ± 2	65 ± 2	68 ± 2	68 ± 2	72 ± 2	72 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	78 ± 2	82 ± 2	82 ± 2	82 ± 2	83 ± 2	83 ± 2	83 ± 2	83 ± 2	
Driven Mode		/ direct driven																					
Power	V/ph/Hz	380/3/50																					
Motor power	KW	22	30	37	45	55	75	90	110	132	160	185	200	220	250	280	315	355	400	450	500	550	
Rotation speed	R/min	2940	2945	2945	2950	2965	2965	2965	2975	2975	2975	2975	2975	2980	2980	2980	2980	2985	2985	2985	2985	2985	
Starting method		Y- ▲ / starting																					
Cooling air volume	m³/h	145	255	255	255	268	400	400	600	630	850	850	900	900	900	960	1130	1240	1290	1350	1380		
Demension	L	mm	1380	1595	1595	1595	1820	2100	2100	2540	2540	2690	2690	3330	3330	4250	4250	4250	6200	7000	7000	7000	
	W	mm	850	1000	1000	1000	1250	1250	1250	1640	1640	1740	1740	1850	1850	1900	1900	1900	4600	4800	5000	5000	
	H	mm	1150	1365	1365	1365	1500	1500	1500	1780	1780	1880	1880	1935	1935	2200	2200	2200	3300	3300	3300	3300	
Weight	Kg	640	900	980	1050	1250	1850	2100	2580	2750	3200	3700	4000	4250	4800	4990	5200	6200	7000	7000	7500	8000	
Outlet Pipe Diameter	inch	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"	DN50	DN65	DN65	DN80	DN80	DN80	DN80	DN80	DN125	DN125	DN125	DN150	DN150	DN200	DN200	
Inlet/Outlet Pipe Diameter		G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	

GV Series-- Inverter

Model		GV22	GV30	GV37	GV45	GV55(W)	GV75(W)	GV90(W)	GV110(W)	GV132(W)	GV160(W)	GV185(W)	GV200(W)	GV220(W)	GV250(W)	
Air Delivery/ Working Pressure (m³/min/Mpa)		1.14-3.80/0.7	1.56-5.20/0.7	1.92-6.80/0.7	2.4-7.80/0.7	3.1-10.50/0.7	4.1-13.50/0.7	4.5-16.50/0.7	4.8-21.00/0.7	5.0-24.10/0.7	5.4-29.00/0.7	6.5-32.50/0.7	7.5-34.80/0.7	8.0-37.00/0.7	8.7-45.00/0.7	
		1.05-3.60/0.8	1.5-5.00/0.8	1.83-6.28/0.8	2.3-7.30/0.8	2.9-9.80/0.8	4.0-13.00/0.8	4.2-16.10/0.8	4.5-20.00/0.8	4.8-23.60/0.8	5.3-28.50/0.8	6.2-31.00/0.8	7.2-32.00/0.8	7.3-34.50/0.8	8.4-43.50/0.8	
		0.96-3.20/1.0	1.29-4.25/1.0	1.71-5.60/1.0	2.1-6.60/1.0	2.6-8.80/1.0	3.5-11.80/1.0	3.9-13.90/1.0	4.1-17.00/1.0	4.4-20.50/1.0	4.5-26.50/1.0	5.6-27.50/1.0	6.0-28.00/1.0	6.4-31.50/1.0	7.6-39.00/1.0	
		0.87-2.80/1.3	1.11-3.75/1.3	1.53-4.60/1.3	1.7-5.70/1.3	2.3-8.00/1.3	2.9-10.00/1.3	3.3-12.30/1.3	3.6-14.80/1.3	3.9-17.80/1.3	4.0-22.50/1.3	5.0-24.50/1.3	5.5-26.00/1.3	5.7-28.50/1.3	6.9-35.00/1.3	
Electric Motor	Power (KW)	22	30	37	45	55	75	90	110	132	160	185	200	220	250	
	Horsepower (HP)	30	40	50	60	75	100	125	150	180	220	250	280	300	340	
	Voltage(V/H)	380/50														
	Starting Method	AC power, variable frequency starting														
Noise DB (A)		73 ± 2	74 ± 2	74 ± 2	74 ± 2	74 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	78 ± 2	78 ± 2	78 ± 2	78 ± 2	
Outlet Pipe Diameter (Inch)		G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	G2	DN65	DN65	DN80	DN80	DN100	DN100	DN100	
Use of The Environment Temperature (°C)		-5°C ~ +45°C														
Discharge Temperature (°C)		Air cooled < Ambient temperature + 8°C														
Weight (kg)		640	900	980	1050	1250	1850	2100	2100	2540	2540	2690	2690	3330	3330	
Dimension	L (mm)	1380	1595	1595	1595	1820	2100	2100	2540	2540	2690	2690	3330	3330		
	W (mm)	850	1000	1000	1000	1250	1250	1250	1640	1640	1740	1740	1850	1850		
	H (mm)	1150	1365	1365	1365	1500	1500	1500	1780	1780	1880	1880	1935	1935		

Energy-efficient and Reliable Air Compressor

PM Inverter Screw Air Compressor & Low-pressure Screw Air Compressor

GCB T/F Field-type Series

Model	Working Pressure MPa	Air Delivery m³/min	Motor Power kW	Weight Kg		
				Standard Type	With Air Tank - T type	All-Around Performance - F type
GCB04	0.75	0.60	4	200	340	400
	0.85	0.56				
	1.05	0.48				
	1.25	0.40				
GCB06	0.75	0.84	5.5	217	357	417
	0.85	0.78				
	1.05	0.68				
	1.25	0.60				
GCB08	0.75	1.27	7.5	275	415	498
	0.85	1.18				
	1.05	0.99				
	1.25	0.80				
GCB11	0.75	1.82	11	285	425	508
	0.85	1.70				
	1.05	1.52				
	1.25	1.35				

GVB T/F Inverter & Field-type Series

Model	Working Pressure MPa	Air Delivery m³/min	Motor Power kW	Weight Kg		
				Standard Type	With Air Tank - T type	All-Around Performance - F type
GVB08	0.75	0.64~1.27	7.5	310	450	504
	0.85	0.59~1.18				
	1.05	0.50~0.99				
	1.25	0.40~0.80				
GVB11	0.75	0.91~1.82	11	320	460	514
	0.85	0.85~1.70				
	1.05	0.76~1.52				
	1.25	0.68~1.35				

	GCB04~06	GCB08~11	Model (Inverter type) GVB08~11
Standard Type	750×600×955	800×670×1100	1200×670×1100
With Air Tank	1545×600×1565	1545×670×1710	1545×670×1710
All-Around Performance	1545×600×1565	1545×670×1710	1545×670×1710

The capacity of air tank FOXAIR equipped is 270L.

Model GCB08~11 and GVB08~11, 500L air tank is optional, but the size will be different.



GVP Series --PM Inverter Type

Model	Motor Power (Kw)	Horse Power (Hp)	Volume Flow (m³/min)	Discharged Pressure (bar)	Lubricating Oil Capacity (L)	Outlet Diameter	Dimension (L*W*H) (mm)	Net Weight (Kg)
GVP15	15	20	0.35-2.3	8	10	G3/4"	1150x800x1100	350
			0.31-2.03	10				
GVP22	22	30	0.56-3.71	8	12	G1"	1100x850x1220	550
			0.52-3.42	10				
GVP37	37	50	1.03-6.86	8	20	G1-1/2"	1150x1000x1410	750
			0.91-5.95	10				
GVP45	45	60	1.32-8.79	8		G2"	1700x1100x1520	1200
			1.16-7.73	10		G1-1/2"	1150x1000x1410	800
GVP55	55	75	1.63-10.74	8	40	G2"	1700x1100x1520	1200
			1.40-9.32	10				
GVP75	75	100	2.07-13.8	8	50	G2"	2100x1200x1620	1500
			1.81-12.0	10				
GVP90	90	125	2.45-16.33	8	60	DN50	2200x1250x1650	1900
			2.05-13.65	10				
GVP110	110	150	3.03-20.2	8	75	DN65	2500x1500x1950	2200
			2.69-17.9	10				
GVP132	130	180	3.62-24.1	8		2500x1500x1950		
			3.21-21.3	10				

Note: 1. According to ISO1217 versions 3-1966, the data shown on attachment -C is tested under standard condition.

2.The data is tested according to ISO2151 versions 1-1977.

Low-pressure Screw Air Compressor

50Hz/0.3Mpa

Model	GL-22/3	GL-37/3	GL-55/3	GL-90/3	GL-132/3	GL-160/3	GL-200/3	GL-355/3
Discharged Pressure (Mpa)	0.3							
Air Delivery(m³/min)	6.55	10.7	17.49	25.44	39.83	45.6	55.73	92.04
Motor Power(kW)	22	37	55	90	132	160	200	355
Noise(dB(A))	69	70	72	72	73	75	75	78
Dimension(mm)	2000×1400×1700	2800×1600×1810	2990×1710×2000	3160×1810×2080	3460×2060×2130	4200×2300×2350	4200×2300×2350	4400×2350×2400

50Hz/0.5Mpa

Model	GL-30/5	GL-45/5	GL-75/5	GL-90/5	GL-110/5	GL-132/5	GL-160/5	GL-250/5
Discharged Pressure (Mpa)	0.5							
Air Delivery(m³/min)	6.55	10.7	17.49	22.75	25.44	30.00	39.83	55.73
Motor Power(kW)	30	45	75	90	110	132	160	250
Noise(dB(A))	69	70	72	72	73	75	75	78
Dimension(mm)	1680×1260×1350	2220×1410×1720	2560×1490×1820	3110×1690×2200	3110×1690×2200	3660×1760×2190	3660×1760×2190	4160×2160×2300