

Screw Air Compressor

Technical Data



POWER	7.5 KW	Drive Way	variable frequency soft start
F.A.D	0.4 ~ 1.3 m ³ /min	Lubricant	4 L
Discharge Pressure	0.7 ~ 1.0 MPa	Noise	62 ± 2 dB
Cooling Type	Wind Cooling	Outlet Pipe Dia.	ZG 1/2"
Ambient Temperature	-5 ~ 40 °C	Outlet Air Temperature	Ambient Temperature + 10 °C ~ 40 °C
Weight	180 kg	Dimension	900 x 650 x 785 mm

Advantages

Power Conservation

- Permanent Magnet Synchronous Motor saves 7% power comparing with general three-phase asynchronous motor.
- Constant-Pressure Air Supply saves 7% power comparing with frequent air loading and unloading.
- One-Shaft Structure ensures 100% power delivery.
- NO-LOAD Running is eliminated, saving 10%~20% power comparing with general screw air compressor.

Wide Applications

This equipment has a very wide range of applications, including paint industry such as painting car in spray booth, the treatment of precise electrical spare parts and micro treatment industry, etc...

Free From Frequent Monitoring

It can work without workers monitoring, which can start automatically while no load and stop automatically while full load.

Intellectual Control System

It has a perfect microcomputer control system for cooling system and filtering system.

Prominent Stability

The stable working ability is great for this screw air compressor, the air outlet capacity and pressure is steady even working for long time. System crash never happened, very low failure rate.



Permanent Magnet Synchronous Motor is equipped in our screw air compressor; its ultra-low specific power guarantee average 7% energy conservation comparing with general three-phase asynchronous motor.

The oil and tank is high pressure resistant and high temperature resistant

Excellent inverter is equipped to ensure low energy consumption under its large frequency conversion range. .

Stable and superb **inlet valve** is provided for less air inlet resistance.

Photo Album



Refrigerator Dryer, Air Tank and Line Filters

are necessary matched product for a whole compressed air

Refrigerated Dryer



Technical Data

Air Flow	1.5 m ³ /min
Refrigerant	R22
Voltage	220V / 50Hz
Refrigeration Compressor	Panasonic, 0.5 KW
Outlet Pipe Dia.	1 inch
Dimension	700 x 400 x 710 mm

Panasonic Refrigeration Compressor

All our refrigerated dryers are with Panasonic Refrigeration Compressor, stable and with excellent water removal of more than 99%.

Condenser - Copper Tube with Fins Covering

Our condenser is with high heat transfer coefficient, guaranteeing large refrigerating capacity.

Electronic Drainage Valve

Its drainer is with electronic timer and blockage-proof device.

Safety Device

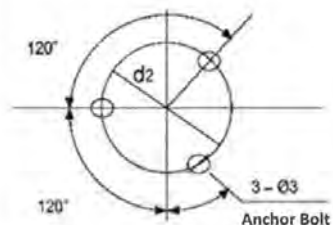
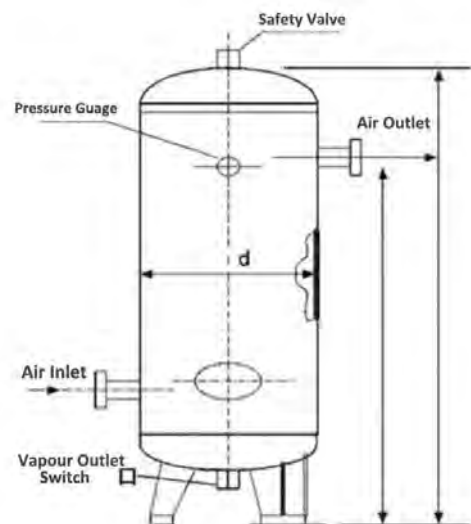
It is with high & low voltage protection, lack-phase protection, low-temperature & overheat protection, auto alarm and shut down function.

Reliable and Durable

Our refrigerated dryer is with full copper tubes for better heat dissipation and high-power fan for superb cooling performance.

Technical Data

Max. Pressure	0.84 MPa
Inlet/Outlet Tube Dia.	1.5 inch
Safety Valve Dia.	1.5 inch
Dimension	650mm dia., 2093mm H, 4.25mm thick
Weight	160 KG
Max. Pressure	0.84 MPa



Spare Parts



Pressure Gauge



Safety Valve



Drain Valve

Line Filter



Technical Data of Line Filter

Air Flow	1.5 m ³ /min
Outlet Dia.	1 inch
Diameter	105 mm
Length	320 mm

1 set of FINE FILTER is 3 pieces for final filtration efficiency of 99.99%.

Spare Parts Replacement Cycle

Parts Run Time	500 hours	3000 hours	6000 hours
Air Filter	●	●	●
Oil Filter	●	●	●
Separator		●	●
Oil	●	●	●

In-Line Filter

Position: before Refrigerated Dryer & after Air Tank;

Function: pretreatment;

Filtering Substance: solid particles of more than 3µm, plenty of fluids (final oil content is 5ppm);

Remaining Substance: little moisture, dust and oil mist.

Dust-Removal Filter

Position: before Oil-Removal Filter & after Refrigerated Dryer;

Function: further enhance air quality;

Filtering Substance: solid particles and fluids which are less than 1 µ m (final oil content is 0.5ppm);

Remaining Substance: traces moisture, dust and oil mist.

Oil-Removal Filter

Position: before adsorption dryer & after Dust-Removal Filter;

Filtering Substance: solid particles and fluids which are less than 0.01 µ m (final oil content is 0.001ppm);