

ROTARY SCREW AIR COMPRESSOR

PROFESSIONAL SCREW AIR COMPRESSOR MANUFACTURER



OLYMTECH



Olymtech Technology Development Co., Ltd.

2026 version



OLYMTECH PROFILE

20+ YEARS PRODUCTION EXPERIENCE

Olymtech factory is located in Guangzhou, China, we are a leading manufacturer of screw air compressors and compressed air systems, with over 20 years of industry experience. We specialize in the R&D, production, sales, and service of:

- ✓ Screw Air Compressor
- ✓ Air Treatment Equipment (Refrigerated air dryer/Adsorption air dryer/ Air Filter, Air Tank, Pipeline)
- ✓ Gas Generation Systems (Oxygen Generator & Nitrogen Generator)
- ✓ High-Quality Spare Parts

Why Choose Olymtech?

- ✓ Certified Quality – Compliant with ISO 9001, CE, ASME, TUV, and industry standards.
- ✓ Global Reach – 100,000+ units sold to 100+ countries, serving 8,000+ customers.
- ✓ Local Support – 45 authorized distributors worldwide for fast, reliable service.
- ✓ Energy Efficiency – Committed to energy-saving, high-performance solutions.

Our Mission & Vision:

- Mission: "Everybody can use the energy-saving air compressor system."
- Vision: "Make the sky more blue."By choosing Olymtech, you not only gain a reliable, high-efficiency compressed air system, but also contribute to a greener, more sustainable future.

Olymtech Technology Development Co., Ltd.
Your Trusted Partner in Compressed Air Solutions.



CONTENTS

Page 2  S Series Industrial type Permanent magnet VSD Flow: 100-11.5m ³ /min Kw: 7.5 kw-75 kw Pressure: 8/10 bar	Page 3  CPM Series Standard type Permanent magnet VSD Flow: 1.15-22.5m ³ /min Kw: 7.5 kw-132 kw Pressure: 8/10 bar	Page 4-5  JPM Series Standard type Permanent magnet VSD Flow: 1.0-20.7m ³ /min Kw: 7.5 kw-210 kw Pressure: 8/10/13/15 bar	Page 6  CY Series Oil cooled Permanent magnet VSD Flow: 2.0-11.2m ³ /min Kw: 15 kw-75 kw Pressure: 7/8/10 bar
Page 7  DPM Series Economic type Permanent magnet VSD Flow: 0.9-12.5m ³ /min Kw: 7.5 kw-75 kw Pressure: 8/10 bar	Page 8-11  2-Stage Series Two stage compression Fixed speed/Permanent magnet VSD Flow: 3.2-60.53m ³ /min Kw: 23 kw-315 kw Pressure: 8/10/12.5 bar	Page 12  JCTG Series 4IN1 Permanent magnet VSD Special For Laser cutting machine Flow: 1.0-3.3m ³ /min Kw: 13 kw-37 kw Pressure: 16/20 bar	Page 13  16Bar/20Bar Series Oil free type Fixed speed/Permanent magnet VSD Flow: 0.8-42.6m ³ /min Kw: 7.5 kw-210 kw Pressure: 5-8, 10, 30, 40 bar
Page 14-16  Single-phase Series Single Phase & Three Phase Permanent magnet VSD Flow: 0.2-2m ³ /min Kw: 2.2 kw-22 kw Pressure: 8/10/12.5/15.5 bar	Page 17-18  Portable Series Petrol/Diesel Portable Flow: 0.9-1.69m ³ /min Kw: 8.2 kw-18 kw Pressure: 8/10/13/15 bar	Page 19-20  OL/OLD Series Belt driven/Direct driven Fixed speed Flow: 0.8-24.0m ³ /min Kw: 7.5 kw-132 kw Pressure: 8/10 bar	Page 21-22  LSW Series Oil free type Fixed speed/Permanent magnet VSD Flow: 0.8-42.6m ³ /min Kw: 7.5 kw-210 kw Pressure: 5-8, 10, 30, 40 bar
Page 23  30Bar/40Bar Series	Page 24  Air booster	Page 25-26  O₂/N₂ Generator	Page 27-31  Refrigerated air dryer and line air filter

S SERIES

INDUSTRIAL TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw – 75kw
- Pressure: 8/10bar

ADVANTAGES

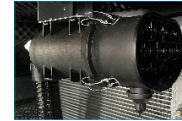
- Oil-cooled PM Motor & Premium Air-end
- Smart INOVANCE inverter starts smoothly from 0 Hz with low inrush current, reducing impact on the power grid
- Specifically designed for dust-heavy industries



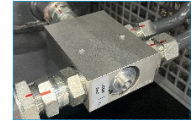
Oil-cooled PM motor
Built to perform in both harsh and standard environments. Withstands up to 140 °C, designed for 15+ years of reliable operation.



Smart inverter
Strong low-speed torque with stable operation down to 0.01 Hz, ideal for heavy-load start and frequent speed changes.



Flat-Shaped Nano Air Filter
High-precision nano materials removes 99.5% of particles 55 µm from the intake air.



Temperature Control Valve
Thermostatic valve monitors oil temperature, routing oil through the cooler at high temperatures and bypassing it at low temperatures to prevent emulsification.

TECHNICAL PARAMETER S

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Hot Air Discharge	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw				
S7.5-8	8	116	1.10	39	10	7.5	G1/2"	TOP	170	945*600*1035
S7.5-10	10	145	1.00	35						
S11-8	8	116	1.60	57	15	11	G1"	SIDE	300	1280*800*1385
S11-10	10	145	1.40	49						
S15-8	8	116	2.60	92	20	15	G1"	SIDE	315	1280*800*1385
S15-10	10	145	2.20	78						
S22-8	8	116	3.60	127	30	22	G1"	SIDE	340	1280*800*1385
S22-10	10	145	3.20	113						
S30-8	8	116	5.00	177	40	30	G1-1/2"	SIDE	495	1440*900*1675
S30-10	10	145	4.40	155						
S37-8	8	116	6.50	230	50	37	G1-1/2"	SIDE	510	1440*900*1675
S37-10	10	145	5.60	198						
S45-8	8	116	7.60	268	60	45	G1-1/2"	TOP	540	1280*980*1350
S45-10	10	145	6.90	244						
S55-8	8	116	10.20	360	75	55	G2"	TOP	930	1580*1160*1600
S55-10	10	145	9.00	318						
S75-8	8	116	13.60	480	100	75	G2"	TOP	950	1580*1160*1600
S75-10	10	145	11.90	420						

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

CPM SERIES

INDUSTRIAL TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw – 132kw
- Pressure: 8/10bar

ADVANTAGES

- Energy saving, no unloading wastage
- Reliable and stable quality, suit for using in the heavy duty situation
- VSD soft start, protect your factory power grid
- Low vibration and low noise
- Easy operate, intelligent PLC controller



Smart inverter
A wide speed control range of inverter converter prevents unnecessary power consumption for no-load operation.



Permanent magnet motor
High efficiency IE5 permanent magnet motor reduces energy costs.



No unnecessary pressure
Constant pressure setting reduce the pressure drop, fbar of unnecessarily high pressure corresponds to about 7% of the energy.



Lossless direct drive
The direct connect in between the air-end and motor has none of the transmission losses.

TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m ³ /min	CFM	hp	kw			
C11PM-8	8	116	1.7	60	15	11	G1"	375	1150*800*1135
C15PM-8	8	116	2.6	91	20	15	G1"	375	1150*800*1135
C15PM-10	10	145	2.2	77					
C22PM-8	8	116	3.6	127	30	22	G1"	385	1150*800*1135
C22PM-10	10	145	3.2	113					
C30PM-8	8	116	5	176	40	30	G1-1/2"	543	1350*930*1255
C30PM-10	10	145	4.4	155					
C37PM-8	8	116	6.5	229	50	37	G1-1/2"	543	1350*930*1255
C37PM-10	10	145	5.6	197					
C45PM-8	8	116	8	282	60	45	G1-1/2"	770	1500*1125*1480
C45PM-10	10	145	7	247					
C55PM-8	8	116	10	353	75	55	G1-1/2"	860	1500*1125*1480
C55PM-10	10	145	8.6	303					
C75PM-8	8	116	13.12	463	100	75	G2"	1150	1700*1200*1600
C75PM-10	10	145	11.6	409					
C90PM-8	8	116	15.2	537	120	90	G2"	1560	1900*1300*1900
C90PM-10	10	145	13.3	470					
C110PM-8	8	116	20	706	150	110	DN65	1700	2250*1500*1900
C110PM-10	10	145	16.9	597					
C132PM-8	8	116	22.5	795	180	132	DN65	1760	2250*1500*1900
C132PM-10	10	145	20.1	710					

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

JPM SERIES

STANDARD TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw – 250kw
- Pressure: 8/10/12.5bar

ADVANTAGES

- Energy saving
- High efficiency
- Competitive price
- Easy operation
- Low maintenance cost
- Lower noise



TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
J7.5PM-8	8	116	1.1	39					
J7.5PM-10	10	145	0.9	32	10	7.5	G1-2"	145	850*600*980
J7.5PM-13	12.5	182	0.8	28					
J11PM-8	8	116	1.6	57					
J11PM-10	10	145	1.4	49	15	11	G1"	217	930*750*1205
J11PM-13	12.5	182	1.3	46					
J15PM-8	8	116	2.6	92					
J15PM-10	10	145	2.0	71	20	15	G1"	238	930*750*1205
J15PM-13	12.5	182	1.8	64					
J22PM-8	8	116	3.6	127					
J22PM-10	10	145	3.0	106	30	22	G1"	250	930*750*1205
J22PM-13	12.5	182	2.5	88					
J30PM-8	8	116	5.0	177					
J30PM-10	10	145	4.3	152	40	30	Rp1-1/2	335	1100*940*1415
J30PM-13	12.5	182	2.9	102					
J37PM-8	8	116	6.5	230					
J37PM-10	10	145	5.4	191	50	37	Rp1-1/2	396	1100*940*1415
J37PM-13	12.5	182	3.6	127					
J45PM-8	8	116	7.5	265					
J45PM-10	10	145	6.5	230	60	45	Rp1-1/2	440	1100*990*1415
J45PM-13	12.5	182	5.6	198					
J55PM-8	8	116	10.0	353					
J55PM-10	10	135	8.0	283	75	55	G2"	760	1580*1160*1600
J75PM-8	8	116	12.5	442					
J75PM-10	10	135	11.6	410	100	75	G2"	830	1580*1160*1600

■ According to the standard of GB19153-2009

■ Standard Power Supply: 380V/50Hz/3Ph

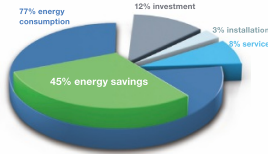
■ Please contact us for any specification that is not within the above mentioned standards.

■ Compressor Stage: One Stage Compression

■ Exhaust Temperature: Ambient Temperature + 15 °C

WHY ENERGY EFFICIENCY?

Energy costs represent about **77%** of the total operating cost of your compressor. That is Why efficiently reducing the energy consumption of your compressed air installation should be a major focus.

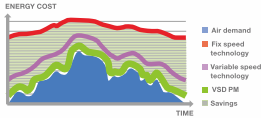


TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
J90PM-8	8	116	15	39					
J90PM-10	10	145	13.2	32	120	90	Rp2	1400	1950*1250*1810
J90PM-13	12.5	182	11.5	28					
J110PM-8	8	116	19.8	57					
J110PM-10	10	145	16.2	49	150	110	Rp2-1/2	1800	2300*1470*1840
J110PM-13	12.5	182	14.1	46					
J132PM-8	8	116	23.2	92					
J132PM-10	10	145	20.5	71	175	132	Rp2-1/2	2000	2300*1470*1840
J132PM-13	12.5	182	17.4	64					
J160PM-8	8	116	26.6	127					
J160PM-10	10	145	22.6	106	200	160	Rp2-1/2	2800	2500*1600*1900
J160PM-13	12.5	182	19.5	88					
J185PM-8	8	116	30.1	177					
J185PM-10	10	145	26.0	152	250	185	DN100	4300	3600*2100*2280
J185PM-13	12.5	182	22.8	102					
J220PM-8	8	116	36.7	230					
J220PM-10	10	145	33.2	191	300	220	DNN125	4800	3695*2100*2280
J220PM-13	12.5	182	28.6	127					
J250PM-8	8	116	41.2	265					
J250PM-10	10	145	36.6	230	350	250	DN125	5000	3695*2100*2280
J250PM-13	12.5	182	34.0	198					

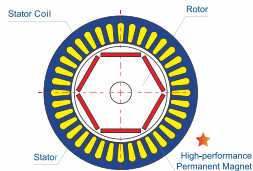
Why VSD (variable speed)?

As a majority of customers have a variable demand for compressed air, a variable speed compressor is superior VS a fixed speed compressor in terms of energy saving by perfectly matching air supply to air demand of avoiding unloading losses.



Why PM (permanent magnet motor)?

Permanent magnet is a high efficiency motor combines our variable speed technology with our new and highly efficient drive train, resulting in energy savings of up to **40%**



Permanent Magnet Synchronous Motor

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

CY SERIES

OIL-COOLED PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

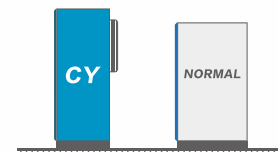
- Power: 15kw – 75kw
- Pressure: 7/8/10bar

ADVANTAGES

- Energy saving and high efficiency
- Suit for use in dusty environment and low roof area
- VSD soft start, protect your factory power grid
- Low vibration and low noise



- IE5 super high efficiency oil cooled motor
Temperature resistance can reach to 180°C
- Ip65 motor protection level, suit for heavy duty factory (runs every 24 hours)
- No fan blade, wind resistance loss is 0.
- Even in low speed, the motor cooling volume is not changed. More reliable and longer service life.
- Lower noise because of the motor case is wrapped by the oil.



- Side hot Air exhaust design, upright cooler.
(15-37kw, discharge from side)
(55-75kw, discharge from top)
- Using the suction air to instead of the blowing air.
- Suit for low roof compressor room.
- Compact design, small footprint.

TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Hot Air Discharge	Net Weight	Dimension (L*W*H)
	bar	psig	m ³ /min	CFM	hp	kw				
C15Y-7	7	102	2.7	95						
C15Y-8	8	116	2.6	91	20	15	G1"	Side	248	1050*600*1125
C15Y-10	10	145	2.0	70						
C22Y-7	7	102	3.8	134						
C22Y-8	8	116	3.6	127	30	22	G1"	Side	306	1050*600*1125
C22Y-10	10	145	3.0	106						
C37Y-7	7	102	6.7	236						
C37Y-8	8	116	6.5	229	50	37	G1-1/2"	Side	431	1200*650*1500
C37Y-10	10	145	5.4	190						
C55Y-7	7	102	10.2	360						
C55Y-8	8	116	10.0	353	75	55	G2"	Top	868	1580*1160*1600
C55Y-10	10	145	8.0	282						
C75Y-7	7	102	13.2	466						
C75Y-8	8	116	12.5	441	100	75	G2"	Top	928	1580*1160*1600
C75Y-10	10	145	10.0	353						

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

DPM SERIES

ECONOMIC TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw – 75kw
- Pressure: 8/10bar

ADVANTAGES

- Energy saving
- 7inch colorful touch controller
- Modbus RS485 communication
- With remote controlfunction
- Competitive price
- Low maintenance cost
- Safety and reliable



TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
D7.5PM-8	8	116	1.02	36	10	7.5	G1/2"	125	850*600*840
D7.5PM-10	10	145	0.9	31					
D11PM-8	8	116	1.6	56	15	11	G3/4"	225	1050*750*1040
D11PM-10	10	145	1.52	53					
D15PM-8	8	116	2.3	81	20	15	G3/4"	240	1050*750*1040
D15PM-10	10	145	2.0	70					
D22PM-8	8	116	3.5	123	30	22	G1"	301	1160*800*1150
D22PM-10	10	145	3.0	106					
D30PM-8	8	116	4.24	149	40	30	G1-1/4"	430	1250*1030*1270
D30PM-10	10	145	4.0	141					
D37PM-8	8	116	6.2	219	50	37	G1-1/4"	460	1250*1030*1270
D37PM-10	10	145	5.4	190					
D45PM-8	8	116	7.47	263	60	45	G2"	840	1580*1160*1600
D45PM-10	10	145	6.8	240					
D55PM-8	8	116	10.0	353	75	55	G2"	860	1580*1160*1600
D55PM-10	10	145	7.5	265					
D75PM-8	8	116	12.5	441	100	75	G2"	930	1580*1160*1600
D75PM-10	10	145	10.0	353					

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

2TF SERIES

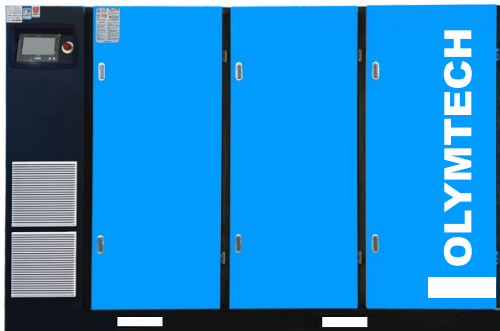
TWO STAGE COMPRESSION FIXED SPEED SCREW AIR COMPRESSOR

- Power: 22kw – 315kw
- Pressure: 8/10/12.5bar



TWO-STAGE AIR-END

- More free air delivery volume with same power.
- Low air-end speed ensures longer service life, lesser chance of overheating & leakage problem



TECHNICAL PARAMETER 2

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m³/min	CFM	hp	kw			
2TF55-8	8	116	11.60	409					
2TF55-10	10	145	9.80	346	75	55	DN65	2040	2590*1500*1640
2TF55-13	12.5	181	9.00	318					
2TF75-8	8	116	15.60	551					
2TF75-10	10	145	13.00	459	100	75	DN65	2110	2590*1500*1640
2TF75-13	12.5	181	11.30	399					
2TF90-8	8	116	18.50	653					
2TF90-10	10	145	16.00	565	120	90	DN80	2580	2990*1700*1963
2TF90-13	12.5	181	14.30	504					
2TF110-8	8	116	21.00	742					
2TF110-10	10	145	19.50	688	150	110	DN80	3120	2990*1700*1963
2TF110-13	12.5	181	17.00	600					
2TF132-8	8	116	24.70	872					
2TF132-10	10	145	22.00	776	180	132	DN80	3220	2990*1700*1963
2TF132-13	12.5	181	19.50	688					
2TF160-8	8	116	31.00	1095					
2TF160-10	10	145	28.00	988	215	160	DN100	4000	3450*1880*2140
2TF160-13	12.5	181	24.80	875					
2TF185-8	8	116	35.50	1254					
2TF185-10	10	145	31.00	1095	250	185	DN100	4050	3450*1880*2140
2TF185-13	12.5	181	27.1	957					
2TF200-8	8	116	40.00	1413					
2TF200-10	10	145	35.50	1254	270	200	DN125	5600	3820*1980*2230
2TF200-13	12.5	181	34.20	1207					
2TF220-8	8	116	45.00	1590					
2TF220-10	10	145	38.50	1359	300	220	DN125	5700	3820*1980*2230
2TF220-13	12.5	181	34.20	1207					
2TF250-8	8	116	50.00	1767					
2TF250-10	10	145	45.00	1590	335	250	DN125	6000	3820*1980*2230
2TF250-13	12.5	181	38.80	1370					
2TF315-8	8	116	61.00	2155					
2TF315-10	10	145	54.00	1908	420	315	DN125	6200	4260*2100*2280
2TF315-13	12.5	181	49.00	1731					
2TF315W-8	8	116	61.00	2155					
2TF315W-10	10	145	54.00	1908	420	315	DN125	7000	4260*2200*2300
2TF315W-13	12.5	181	49.00	1731					

Model with letter "W" mean water cooled type

- According to the standard of GB19153-2009
- Compressor Stage: Two Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

2TVPM SERIES

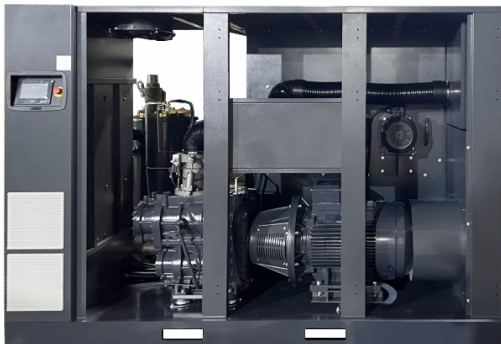
TWO STAGE COMPRESSION PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 37kw – 315kw
- Pressure: 37kw-315kw(8/10/12.5bar), 37kw-220kw(5bar)



STABLE INVERTER 2PCS INVERTER FOR MAIN MOTOR & FAN MOTOR

- No unloading power wastage, energy bill depends on how much air you used
- Constant pressure setting function, no repetitious load-unload pressure operation, save power cost
- Inovance brand inverter quality ensure



TECHNICAL PARAMETER 2

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
2TVPM37-7	7	102	7.20	254	50	37	Rp1-1/2	950	1950*1100*1390
2TVPM37-8	8	116	6.80	240					
2TVPM37-10	10	145	6.10	215					
2TVPM37-13	12.5	181	5.20	183					
2TVPM45-7	7	102	9.80	346	60	45	Rp1-1/2	980	1950*1100*1390
2TVPM45-8	8	116	8.20	289					
2TVPM45-10	10	145	7.40	261					
2TVPM45-13	12.5	181	6.50	229					
2TVPM55-7	7	102	12.80	452	75	55	DN65	2040	2590*1500*1640
2TVPM55-8	8	116	11.60	409					
2TVPM55-10	10	145	9.80	346					
2TVPM55-13	12.5	181	9.00	318					
2TVPM75-7	7	102	17.30	611	100	75	DN65	2110	2590*1500*1640
2TVPM75-8	8	116	15.60	551					
2TVPM75-10	10	145	13.00	459					
2TVPM75-13	12.5	181	11.00	388					
2TVPM90-7	7	102	20.80	735	120	90	DN80	2580	2990*1700*1963
2TVPM90-8	8	116	18.50	653					
2TVPM90-10	10	145	16.00	565					
2TVPM90-13	12.5	181	14.30	504					
2TVPM110-7	7	102	24.50	865	150	110	DN80	3120	2990*1700*1963
2TVPM110-8	8	116	21.00	742					
2TVPM110-10	10	145	19.30	681					
2TVPM110-13	12.5	181	17.00	600					
2TVPM132-7	7	102	30.00	1060	180	132	DN80	3220	2990*1700*1963
2TVPM132-8	8	116	24.70	872					
2TVPM132-10	10	145	22.00	776					
2TVPM132-13	12.5	181	19.50	688					
2TVPM160-7	7	102	34.50	1219	215	160	DN100	4000	3450*1880*2140
2TVPM160-8	8	116	31.00	1095					
2TVPM160-10	10	145	28.00	988					
2TVPM160-13	12.5	181	24.80	875					

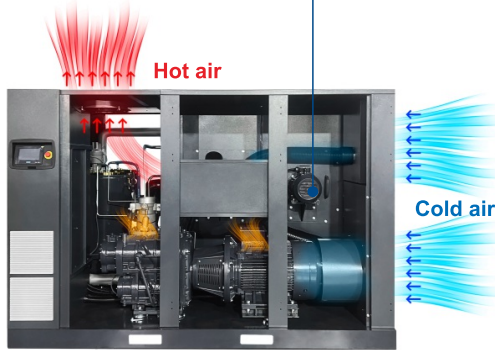
Model with letter "W" mean water cooled type

- According to the standard of GB19153-2009
- Compressor Stage: Two Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

Optimized cooling system

- The whole series two stage air compressor we have upgraded the cooling system, has separated the cold area and the hot area to ensure the air compressor can run in the high temperature environment.
- Equipped with the independent fan for electricity box, ensure inverter and electricity parts work smoothly.

- Using the centrifugal fan necessary for the high end air compressor, lower noise and have much larger volume than the axial flow fan with good cooling performance.



TECHNICAL PARAMETER 2

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw			
2TVPM185-7	7	102	41.00	1448	250	185	DN100	4050	3450*1880*2140
2TVPM185-8	8	116	35.50	1254					
2TVPM185-10	10	145	31.00	1095					
2TVPM185-13	12.5	181	27.10	918	270	200	DN125	5600	3830*1980*2230
2TVPM200-7	7	102	43.00	1519					
2TVPM200-8	8	116	40.00	1413					
2TVPM200-10	10	145	35.50	1254	300	220	DN125	5700	3830*1980*2230
2TVPM200-13	12.5	181	30.50	1130					
2TVPM220-7	7	102	48.60	1717					
2TVPM220-8	8	116	45.00	1590	335	250	DN125	6000	3830*1980*2230
2TVPM220-10	10	145	38.50	1359					
2TVPM220-13	12.5	181	34.20	1207					
2TVPM250-7	7	102	55.00	1943	420	315	DN125	6200	4260*2100*2280
2TVPM250-8	8	116	50.00	1767					
2TVPM250-10	10	145	45.00	1590					
2TVPM250-13	12.5	181	38.80	1370	420	315	DN125	7000	4260*2200*2300
2TVPM315-8	8	116	61.00	2155					
2TVPM315-10	10	145	54.00	1908					
2TVPM315-13	12.5	181	49.00	1731	420	315	DN125	7000	4260*2200*2300
2TVPM315W-8	8	116	61.00	2155					
2TVPM315W-10	10	145	54.00	1908					
2TVPM315W-13	12.5	181	49.00	1731					

5 BAR

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw			
2LTVPM37-5	5	73	8.20	289	50	37	DN65	950	1950*1100*1390
2LTVPM45-5	5	73	10.50	370	60	45	DN80	1950	2590*1500*1640
2LTVPM55-5	5	73	14.30	504	75	55	DN80	2040	2590*1500*1640
2LTVPM75-5	5	73	18.80	663	100	75	DN100	2630	2990*1700*1963
2LTVPM90-5	5	73	22.00	776	120	90	DN100	2850	2990*1700*1963
2LTVPM110-5	5	73	26.00	918	150	110	DN100	3120	2990*1700*1963
2LTVPM132-5	5	73	31.80	1123	180	132	DN125	3880	3450*1880*2140
2LTVPM160-5	5	73	37.00	1306	215	160	DN125	4000	3450*1880*2140
2LTVPM185-5	5	73	46.30	1635	250	185	DN150	5550	3820*1980*2230
2LTVPM200-5	5	73	53.20	1878	270	200	DN150	5700	3820*1980*2230
2LTVPM220-5	5	73	63.00	2224	300	220	DN200	6800	3820*1980*2230

2HTVPM SERIES

TWO STAGE COMPRESSION PERMANENT MAGNET VSD SCREW AIR COMPRESSOR (HORIZONTAL AIR-END)

- Power: 22kw-132kw
- Pressure: 8bar



INOVANCE INVERTER

Match with Inovance controller, give you faster response, let user enjoy 40% energy saving.



HIGH EFFICIENCY HORIZONTAL TWO STAGE AIR-END

More free air delivery, stable and longer service life. The whole range reach to China Level 1 energy efficiency.



OIL-COOLED PERMANENT MAGNET MOTOR

Withstands up to 140 °C; designed for 15+ years of reliable operation

TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m ³ /min	CFM	hp	kw			
2HTVPM22-8	8	116	4.00	141	30	22	Rp1-1/2	385	1150*900*1250
2HTVPM30-8	8	116	5.50	194	40	30	Rp1-1/2	560	1335*1055*1410
2HTVPM37-8	8	116	6.70	236	50	37	Rp1-1/2	580	1355*1055*1410
2HTVPM45-8	8	116	8.20	289	60	45	Rp2	820	1600*1235*1540
2HTVPM55-8	8	116	10.80	381	75	55	Rp2	1120	1800*1400*1620
2HTVPM75-8	8	116	14.20	501	100	75	Rp2	1280	1800*1400*1920
2HTVPM90-8	8	116	17.00	600	120	90	Rp2-1/2	1450	2000*1500*1920
2HTVPM110-8	8	116	21.00	741	150	110	Rp2-1/2	1860	2500*1600*1900
2HTVPM132-8	8	116	24.50	865	180	132	Rp2-1/2	1930	2500*1600*1900

- According to the standard of GB19153-2009
- Compressor Stage: Two Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

JCTG SERIES

4IN1 PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw – 22kw
- Pressure: 7.5kw-22kw(8/10/12.5bar)



Regular Compressor System Chart



4IN1 type



ADVANTAGES

- Free installation
- Save factory space
- Energy saving
- Give clean & dry compressed air

TECHNICAL PARAMETER 4 AIR COOLED PM MOTOR

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity	Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw				
J7.5CTG-8	8	116	1.10	38			L			
J7.5CTG-10	10	145	0.90	31	10	7.5	250L	G3/4"	354	1650*1000*1900
J7.5CTG-12.5	12.5	181	0.80	28						
J11CTG-8	8	116	1.60	56						
J11CTG-10	10	145	1.40	49	15	11	400L	G3/4"	453	1930*870*2080
J11CTG-12.5	12.5	181	1.30	45						
J15CTG-8	8	116	2.60	91						
J15CTG-10	10	145	2.00	70	20	15	400L	G3/4"	453	1930*870*2080
J15CTG-12.5	12.5	181	1.80	63						
J22CTG-8	8	116	3.60	127						
J22CTG-10	10	145	3.00	106	30	22	400L	G1"	542	1930*870*2080
J22CTG-12.5	12.5	181	2.50	88						

OIL COOLED PM MOTOR

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity	Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw				
C7.5YCTG-8	8	116	1.10	38			L			
C7.5YCTG-10	10	145	0.90	31	10	7.5	250L	G3/4"	354	1650*1000*1900
C11YCTG-8	8	116	1.60	56						
C11YCTG-10	10	145	1.40	49	15	11	400L	G3/4"	453	1930*870*2080
C15YCTG-8	8	116	2.60	91						
C15YCTG-10	10	145	2.00	70	20	15	400L	G3/4"	453	1930*870*2080
C22YCTG-8	8	116	3.60	127						
C22YCTG-10	10	145	3.00	106	30	22	400L	G1"	542	1930*870*2080

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

16/20 BAR SERIES

SPECIAL FOR LASER CUTTING MACHINE SCREW AIR COMPRESSOR

- Power: 11kw – 37kw
- Pressure: 11kw-37kw(16bar), 15kw-37kw(20bar)



(JCTG-16)



(16Bar – 4pcs
line air filter)



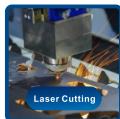
Energy-Saving



Save Space



Reliable



- Advantage
Low cost, widely application.
- Applicable materials
Carbon steel, aluminum, aluminum alloy, stainless steel, brass, etc.
- Air supply pressure
13bar - 18bar.



(JPM-16)

- All spare parts upgrade to 20bar high pressure resistance, such as intake valve, air/oil separator tank, air-end, motor and piping.
- High pressure design oil filter, with better filter function.



(GPM-20)

MATCHING TABLE

SCREW AIR COMPRESSOR & LASER CUTTING MACHINE

Laser Cutting Machine	Screw Air Compressor	Cutting Thickness (carbon steel)
≤1.5kw	11kw(16bar)	2mm
≤3kw	15kw(16bar)	4mm
≤6kw	15kw(16bar)	6mm
≤10kw	22kw(16bar)	8mm
12-15kw	22/37kw(20bar)	10-12mm



TECHNICAL PARAMETER (16BAR)

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity	Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw				
J11CTG-16	15.8	229	1.0	35	15	11	400L	G3/4"	478	1850*1030*1880
J15CTG-16	15.8	229	1.5	53	20	15	400L	G3/4"	478	1850*1030*1880
J22CTG-16	15.8	229	2.3	81	30	22	400L	G3/4"	488	1850*1030*1880

(16BAR)

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw			
J11PM-16	15.8	229	1.0	35	15	11	G1"	238	930*750*1205
J15PM-16	15.8	229	1.5	53	20	15	G1"	238	930*750*1205
J22PM-16	15.8	229	2.3	81	30	22	G1"	282	930*750*1205
J30PM-16	15.8	229	3.1	109	40	30	G1-1/2"	458	1100*940*1415
J37PM-16	15.8	229	3.3	116	50	37	G1-1/2"	458	1100*940*1415

(20BAR)

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw			
G15PM-20	20	290	1.1	38	20	15	G1"	300	1150*800*1135
G22PM-20	20	290	2.0	70	30	22	G1"	315	1150*800*1125
G37PM-20	20	290	2.8	98	50	37	G1-1/2"	513	1350*930*1320

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3PH
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

SINGLE PHASE SERIES

INDUSTRIAL TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR(ONLY COMPRESSOR/2IN1/4IN1)

- Power: 3.7kw – 7.5kw
- Pressure: 8/10/12.5bar

ADVANTAGES

- IE4 permanent magnet motor.
- Constant pressure and silence.
- Small space
- Large size air end, low speed, sufficient air volume.
- Six heavy-duty bearings, Morse taper connection.
- Easy to Install and maintain.

40% 
ENERGY SAVING

WIDELY USED IN :

- Car repair
- Wood working
- Spray paint
- Auto industry
- Pneumatic tools
- Small workshop
- Decoration



EV SERIES



E SERIES



EF SERIES

TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	L/min	CFM	hp	kw				
C5EV-8	8	116	200-400	7-14	5	3.7	-	G1/2"	84	850*540*740
C5EV-10	10	145	175-350	6-12						
C5EV-12.5	12.5	181	150-300	5-10	6	4.5	-	G1/2"	84	850*540*740
C6EV-8	8	116	250-500	8-17						
C6EV-10	10	145	210-420	7-14	7	5.5	-	G1/2"	84	850*540*740
C6EV-12.5	12.5	181	180-360	6-12						
C7EV-8	8	116	315-630	11-22	10	7.5	-	G1/2"	88	850*540*740
C7EV-10	10	145	275-550	9-19						
C7EV-12.5	12.5	181	210-420	7-14	10	7.5	-	G1/2"	88	850*540*740
C10EV-8	8	116	490-980	17-34						
C10EV-10	10	145	450-900	15-31	10	7.5	-	G1/2"	88	850*540*740
C10EV-12.5	12.5	181	400-800	14-28						

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	L/min	CFM	hp	kw				
C5E-8	8	116	200-400	7-14	5	3.7	100L	G1/2"	125	1075*540*1110
C5E-10	10	145	175-350	6-12						
C5E-12.5	12.5	181	150-300	5-10	6	4.5	100L	G1/2"	125	1075*540*1110
C6E-8	8	116	250-500	8-17						
C6E-10	10	145	210-420	7-14	7	5.5	100L	G1/2"	125	1075*540*1110
C6E-12.5	12.5	181	180-360	6-12						
C7E-8	8	116	315-630	11-22	10	7.5	160L	G1/2"	171	1300*540*1210
C7E-10	10	145	275-550	9-19						
C7E-12.5	12.5	181	210-420	7-14	10	7.5	160L	G1/2"	171	1300*540*1210
C10E-8	8	116	490-980	17-34						
C10E-10	10	145	450-900	15-31	10	7.5	160L	G1/2"	171	1300*540*1210
C10E-12.5	12.5	181	400-800	14-28						

Model	Max Working Pressure		F.A.D		Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	L/min	CFM	hp	kw				
C5EF-8	8	116	200-400	7-14	5	3.7	130L	G1/2"	165	1475*540*1110
C5EF-10	10	145	175-350	6-12						
C5EF-12.5	12.5	181	150-300	5-10	6	4.5	130L	G1/2"	165	1475*540*1110
C6EF-8	8	116	250-500	8-17						
C6EF-10	10	145	210-420	7-14	7	5.5	130L	G1/2"	165	1475*540*1110
C6EF-12.5	12.5	181	180-360	6-12						
C7EF-8	8	116	315-630	11-22	10	7.5	220L	G1/2"	220	1700*540*1210
C7EF-10	10	145	275-550	9-19						
C7EF-12.5	12.5	181	210-420	7-14	10	7.5	220L	G1/2"	220	1700*540*1210
C10EF-8	8	116	490-980	17-34						
C10EF-10	10	145	450-900	15-31	10	7.5	220L	G1/2"	220	1700*540*1210
C10EF-12.5	12.5	181	400-800	14-28						

SINGLE PHASE SERIES

PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 4.5kw
- Pressure: 10/12.5bar

ADVANTAGES

- Small footprint
- Oil-cooled motor
- Lower noise
- High efficiency
- Color touch controller



Auto Repair



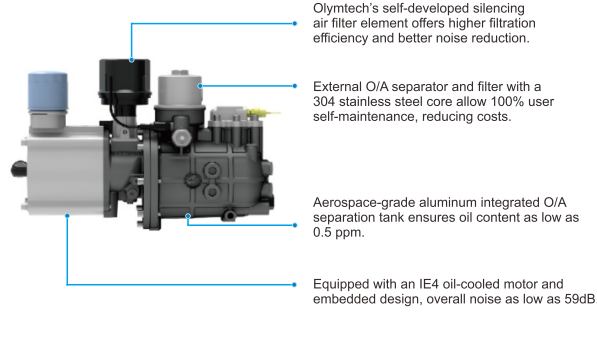
Laboratory Use



Machining



Oxygen & Nitrogen Generation



TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D m ³ /min	Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig		hp	kw				
TC6EL	10	145	0.42	6	4.5	160	G1/2"	148	680*600*1460
	12.5	181	0.36						



- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

SINGLE PHASE SERIES

ECONOMY TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 2.2kw – 22kw
- Pressure: 8/10/15.5bar

ADVANTAGES

- Plug and use, free installation
- Easy maintenance
- Energy saving inverter
- Compact footprint



Permanent Magnet Motor



Smart Controller



External Oil Separator / Filter



Spray Paint



Auto Repair



Pneumatic Tools



Special For Laser Cutting

TECHNICAL PARAMETER

2IN1 with/without cabinet

Single Phase / Three Phase

Model	Max Working Pressure		F.A.D m ³ /min	Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig		hp	kw				
2IN1-2.2V-8	8	116	0.30	3	2.2	100	G1/2"	75	1070*400*1000
2IN1-3.0V-10	8-10	116-145	0.36	5	3.0	100		75	1070*400*1000
2IN1-4.5V-10	8-10	116-145	0.52	6	4.5	160		95	1150*530*1150
2IN1-7.5V-10	8-10	116-145	1.00	10	7.5	180	G1/2"	125	1100*580*1200
2IN1-2.2VC-8	8	116	0.30	3	2.2	100		85	1070*400*1000
2IN1-3.0VC-10	8-10	116-145	0.36	5	3.0	100		86	1070*400*1000
2IN1-4.5VC-10	8-10	116-145	0.52	6	4.5	160		110	1150*530*1150
2IN1-7.5VC-10	8-10	116-145	1.00	10	7.5	180	145	1100*580*1200	

TECHNICAL PARAMETER

4IN1 with cabinet

Single Phase / Three Phase

Model	Max Working Pressure		F.A.D m ³ /min	Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig		hp	kw				
4IN1-4.5VC-10	8-10	116-145	0.52	6	4.5	170	G1/2"	148	1200*580*1150
4IN1-7.5VC-10	8-10	116-145	1.00	10	7.5	220	G1/2"	178	1300*600*1210

TECHNICAL PARAMETER

4IN1 with cabinet
Special For Laser Cutting

Three Phase

Model	Max Working Pressure		F.A.D m ³ /min	Motor Power		Air Tank Capacity L	Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig		hp	kw				
4IN1-15VC-15	15.5	224	1.50	20	15	430	G3/4"	410	1550*650*1550
4IN1-22VC-15	15.5	224	2.00	30	22	430	G3/4"	465	1550*690*1600

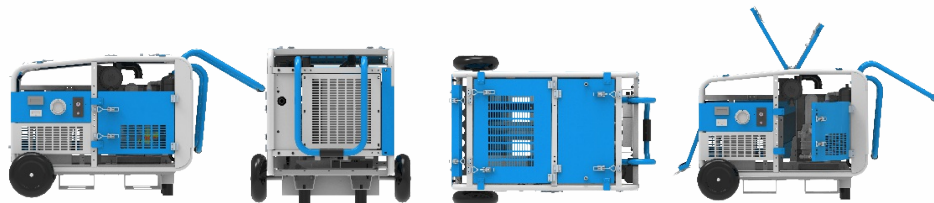
CPG SERIES

PETROL PORTABLE TYPE SCREW AIR COMPRESSOR

- Power: 8.2kw
- Pressure: 8/10/12.5bar

ADVANTAGES

- Honda petrol engine ensure stable quality
- Lower emissions, protect environment
- 6 bearings air-end, can continuous running
- Easy to move with wheels and handle
- Apollo battery, safety and reliable
- With pressure gauge, temperature meter and timer
- Easy to maintenance
- With overheat, over pressure, oil shortage protection



Farming



Vehicle rescue



Mobile construction



Impact drilling



Portable

Outdoor using

Petrol engine

Screw

Truck mounted

TECHNICAL PARAMETER

Model	Screw Compressor				Weight	Dimension (L*W*H)	Outlet Size
	F.A.D		Max Working Pressure				
	m ³ /min	CFM	bar	psig	kg	mm	Inch
C10PG	0.9-0.98	32-35	8-12.5	116-181	260	1150*860*830	G1/4

Brand	Model	Petrol Engine		Fuel Tank Capacity	Remakes
		Engine Rated Power	Max Speed		
		kW	rpm	L	
Honda	GX390	8.2	3600	6.1	Optional multi-brand engine

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

MD SERIES

DIESEL PORTABLE TYPE SCREW AIR COMPRESSOR

- Power: 8.8kw-16kw
- Pressure: 8.6/10/13/15bar

ADVANTAGES

- Easy Operation
- High Compatibility
- Strong Adaptability
- High Safety



Low Vibration

Engine and key components are vibration-damped to reduce resonance.

Low Noise

20-30 dB quieter than traditional piston compressors.

High Safety

Air tanks fully certified with wall thickness $\geq 5\text{mm}$, machine equipped with at least two safety valves.

TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D	Full Load Power		Full Load Speed	Connection	Fuel Tank Capacity	Net Weight	Dimension (L*W*H)
	bar	psig	m ³ /min	hp	kw	rpm				
MD530-145	10	145	0.99							
MD530-190	13	190	0.84	12	8.8	3600	G1/2"	5.5	325	1165*785*885
MD530-215	15	215	0.62							
MD680-125	8.6	124	1.27							
MD680-145	10	145	1.13							
MD680-190	13	190	0.99	15.7	11.5	3600	G1/2"	6.5	330	1165*785*885
MD680-215	15	215	0.84							
MD920-125	8.6	124	1.69							
MD920-145	10	145	1.41							
MD920-190	13	190	1.13	21.7	16	3600	G1"	27	340	930*880*1070
MD920-215	15	215	0.99							

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

OL SERIES

BELT DRIVEN FIXED SPEED SCREW AIR COMPRESSOR

- Power: 7.5kw-45kw
- Pressure: 8/10/12.5bar

ADVANTAGES

- Reliable and stable quality, it is the classical model in the market
- Suit for using in the heavy duty situation, can run at 24/7
- No overheat on continuous 100% load is guaranteed
- Low vibration and low noise
- Lower maintenance cost



Germany OPTI belt, easy for replace, and ensure the product quality.



TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight kgs	Dimension (L*W*H) mm
	bar	psig	m³/min	CFM	hp	kw			
OL7.5CB-8	8	116	1.1	38					
OL7.5CB-10	10	145	1.0	35	10	7.5	G1/2"	220	850*600*850
OL7.5CB-13	12.5	182	0.8	28					
OL11CB-8	8	116	1.7	60					
OL11CB-10	10	145	1.5	53	15	11	G3/4"	280	850*600*950
OL11CB-13	12.5	182	1.3	45					
OL15-8	8	116	2.4	84					
OL15-10	10	145	2.2	77	20	15	G1"	380	950*870*1230
OL15-13	12.5	182	1.7	60					
OL18.5-8	8	116	3.0	105					
OL18.5-10	10	145	2.7	95	25	18.5	G1"	500	950*870*1230
OL18.5-13	12.5	182	2.3	81					
OL22-8	8	116	3.7	130					
OL22-10	10	145	3.2	113	30	22	G1"	540	950*870*1230
OL22-13	12.5	182	2.7	95					
OL30-8	8	116	5.0	176					
OL30-10	10	145	4.5	158	40	30	G1-1/2"	680	1150*990*1395
OL30-13	12.5	182	3.6	127					
OL37-8	8	116	6.2	218					
OL37-10	10	145	5.6	197	50	37	G1-1/2"	730	1150*990*1395
OL37-13	12.5	182	4.6	162					
OL45-8	8	116	7.6	254					
OL45-10	10	145	6.5	229	60	45	G1-1/2"	790	1150*990*1395
OL45-13	12.5	182	5.6	197					

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

OLD SERIES

DIRECT DRIVEN FIXED SPEED SCREW AIR COMPRESSOR

- Power: 15kw-132kw
- Pressure: 8/10bar

ADVANTAGES

- Motor and air-end is 1:1 energy transfer, high efficiency.
- Oversize air-end, low rpm, no overheat problem.
- IP54 motor, SKF bearing, F level insulation.
- Low noise and low vibration.
- Big inside space, easy to fulfill the common maintenance.
- Intelligent microcomputer control system, controller has the remind & record function, show the compressor situation clearly.
- High temperature & humidity environment design, compressor can be used in maximum ambient T 46°C environment.



TECHNICAL PARAMETER



Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m³/min	CFM	hp	kw			
OL15D-8	8	116	2.4	84	20	15	G1"	520	1410*850*1135
OL18.5D-8	8	116	3.0	106	25	18.5	G1"	540	1410*850*1140
OL22D-8	8	116	3.6	127	30	22	G1"	560	1410*850*1140
OL37D-8	8	116	6.2	219	50	37	G1-1/2"	730	1530*930*1255
OL45D-8	8	116	7.6	268	60	45	G1-1/2"	800	1530*930*1255
OL55D-8	8	116	10.0	353	75	55	G1-1/2"	1180	1800*1125*1430
OL75D-8	8	116	13.0	459	100	75	G2"	1470	2000*1300*1600
OL90D-8	8	116	16.0	565	120	90	G2"	1950	2130*1400*1750
OL110D-8	8	116	20.0	706	150	110	DN65	2450	2550*1550*1900
OL132D-8	8	116	24.0	847	180	132	DN65	2500	2550*1550*1900

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

LSW SERIES

OIL-FREE FIXED SPEED SCREW AIR COMPRESSOR

- Power: 7.5kw-132kw
- Pressure: 7-10.5bar

ADVANTAGES

- 100% Oil-free no oil guarantee
- Lower energy costs
- Very low maintenance costs
- Mute design



TECHNICAL PARAMETER



Model	Max Working Pressure	F.A.D	Motor Power		Connection		Water Capacity	Lubricated Water	Net Weight	Dimension (L*W*H)
	bar	m³/min	hp	kw	air	water	m³/h	L	kgs	mm
LSW-8A-8	5-8	1.05	10	7.5	G3/4"	-	-	10	300	1060*630*1106
LSW-8A-10	10	0.80								
LSW-11A-8	5-8	1.70	15	11	G3/4"	-	-	26	420	1200*755*1130
LSW-11A-10	10	1.40								
LSW-15A-8	5-8	2.20	20	15	G3/4"	-	-	26	420	1200*755*1130
LSW-15A-10	10	1.90								
LSW-18.5A-8	5-8	3.00	25	18.5	G1"	-	-	30	600	1400*900*1285
LSW-18.5A-10	10	2.20								
LSW-22A-8	5-8	3.60	30	22	G1"	-	-	30	620	1400*900*1285
LSW-22A-10	10	3.00								
LSW-30A-8	5-8	5.10	40	30	G1 1/4"	-	-	40	740	1400*950*1390
LSW-30A-10	10	3.90								
LSW-37A-8	5-8	6.30	50	37	G1 1/4"	-	-	40	860	1580*1000*1485
LSW-37A-10	10	5.30								
LSW-45W-8	5-8	7.80	60	45	G2"	G2"	10	90	1020	1800*1360*1670
LSW-45W-10	10	6.30								
LSW-55W-8	5-8	10.00	75	55	G2"	G2"	12	100	1080	1800*1360*1670
LSW-55W-10	10	7.90								

30/40 BAR

Model	Max Working Pressure	F.A.D	Motor Power		Connection		Water Capacity	Lubricated Water	Net Weight	Dimension (L*W*H)
	bar	m³/min	hp	kw	air	water	m³/h	L	kgs	mm
LSW65W PM-30	30	6.50	50+45	37+30	DN25	G2"	18	86	1900	2000*1500*1630
LSW74W PM-40	40	6.50	50+50	37+37	DN25	G2"	18	86	1900	2000*1500*1630
LSW80W PM-30	30	7.80	60+50	45+37	DN32	G2"	28	130	2300	2650*1710*1700
LSW90W PM-40	40	7.80	60+60	45+45	DN32	G2"	28	130	2300	2650*1710*1700
LSW100W PM-30	30	10.00	75+75	55+55	DN32	G2"	28	140	2700	2650*1710*1700
LSW110W PM-40	40	10.00	75+75	55+55	DN32	G2"	28	140	2700	2650*1710*1700
LSW130W PM-30	30	12.50	100+75	75+55	DN32	G2"	28	150	3000	2650*1710*1700
LSW150W PM-40	40	12.50	100+100	75+75	DN32	G2"	28	150	3000	2650*1710*1700
LSW165W PM-30	30	16.00	120+100	90+75	DN40	G2"	38	170	3500	3000*1600*1860
LSW180W PM-40	40	16.00	120+120	90+90	DN40	G2"	38	170	3500	3000*1600*1860
LSW180W PM-30	30	20.00	120+120	90+90	DN40	G2"	47	170	3700	3000*1600*1860
LSW220W PM-40	40	20.00	150+150	110+110	DN40	G2"	47	170	3700	3000*1600*1860
LSW200W PM-30	30	23.00	150+120	110+90	DN40	G2"	53	170	4000	3000*1600*1860
LSW242W PM-40	40	23.00	180+150	132+110	DN40	DN65	53	170	4000	3000*1600*1860

LSW PM SERIES

OIL-FREE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 7.5kw-250kw
- Pressure: 5-10.5bar



TECHNICAL PARAMETER

Model	Max Working Pressure	F.A.D	Motor Power		Connection		Water Capacity	Lubricated Water	Net Weight	Dimension (L*W*H)
	bar	m³/min	hp	kw	air	water	m³/h	L	kgs	mm
LSW-8A PM-8	5-8	0.5-1.1	10	7.5	G3/4"	-	-	10	320	800*800*1200
LSW-8A PM-10	10	0.4-0.9								
LSW-11A PM-8	5-8	0.7-1.7	15	11	G3/4"	-	-	26	400	1200*755*1130
LSW-11A PM-10	10	0.6-1.4								
LSW-15A PM-8	5-8	1.0-2.3	20	15	G3/4"	-	-	26	440	1200*755*1130
LSW-15A PM-10	10	0.9-2.0								
LSW-18.5A PM-8	5-8	1.2-3.0	25	18.5	G1"	-	-	30	640	1400*900*1285
LSW-18.5A PM-10	10	1.0-2.6								
LSW-22A PM-8	5-8	1.5-3.6	30	22	G1"	-	-	30	640	1400*900*1285
LSW-22A PM-10	10	1.3-3.0								
LSW-30A PM-8	5-8	2.1-5.1	40	30	G1 1/4"	-	-	40	760	1400*950*1390
LSW-30A PM-10	10	1.8-4.3								
LSW-37A PM-8	5-8	2.6-6.4	50	37	G1 1/4"	-	-	40	880	1580*1000*1475
LSW-37A PM-10	10	2.2-5.3								
LSW-45W PM-8	5-8	3.3-8.2	60	45	G2"	G2"	10	90	1050	1800*1360*1670
LSW-45W PM-10	10	2.8-6.3								
LSW-55W PM-8	5-8	4.0-10.0	75	55	G2"	G2"	12	100	1100	1800*1360*1670
LSW-55W PM-10	10	3.4-8.5								
LSW-75W PM-8	5-8	5.2-13.0	100	75	G2"	G2"	18	100	1230	1800*1360*1670
LSW-75W PM-10	10	4.4-11.1								
LSW-90W PM-8	5-8	6.9-17.2	120	90	G2 1/2"	G2"	20	120	2080	2200*1550*1800
LSW-90W PM-10	10	5.9-14.6								
LSW-110W PM-8	5-8	8.2-20.3	150	110	G2 1/2"	G2"	24	120	2230	2200*1550*1800
LSW-110W PM-10	10	7.0-16.6								
LSW-132W PM-8	5-8	9.7-24.1	180	132	G2 1/2"	G2"	30	120	2360	2200*1550*1800
LSW-132W PM-10	10	8.2-20.0								
LSW-160W PM-8	5-8	11.3-28.2	210	160	DN80	G2"	35	160	3900	2700*1800*1970
LSW-160W PM-10	10	9.6-24.0								
LSW-185W PM-8	5-8	12.9-32.1	240	185	DN80	G2"	38	160	4050	2700*1800*1970
LSW-185W PM-10	10	11.0-27.3								
LSW-200W PM-8	5-8	13.8-34.5	270	200	DN100	G2"	42	200	4200	2700*1800*1970
LSW-200W PM-10	10	11.7-29.3								
LSW-220W PM-8	5-8	15.5-38.6	295	220	DN100	G2"	47	200	4400	2700*1800*1970
LSW-220W PM-10	10	13.2-32.8								
LSW-250W PM-8	5-8	17.1-42.6	340	250	DN100	G2"	53	200	4800	2700*1800*1970
LSW-250W PM-10	10	14.5-36.2								

Model with letter "W" mean water cooled type

- According to the standard of GB19153-2009
- Compressor Stage: Two Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

30/40 BAR SERIES

HIGH PRESSURE TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Power: 15kw – 250kw
- Pressure: 15kw-220kw(30bar),22kw-250kw(40bar)
15kw(20bar)
- All models: soft starting

ADVANTAGES

- High efficiency and energy saving
- Low maintenance cost
- Mute design, low noise
- Stable and reliable

HIGH PRESSURE TWO STAGE AIR-END



TECHNICAL PARAMETER

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m ³ /min	CFM	hp	kw			
CMN15G-2.0	20	290	1.5	52.965	20	15	3/4"	868	1650*1150*1310
CMN18G-3.0	30	435	1.73	61.0863	25	18.5	3/4"	868	1650*1150*1310
CMN22G-3.0	30	435	2.10	74.151	30	22	3/4"	900	1650*1150*1310
CMN22GPV-3.0	30	435	0.84-2.1	29.66-74.15	30	22	3/4"	900	1650*1150*1310
CMN37G-3.0	30	435	3.30	116.523	50	37	3/4"	1340	1900*1420*1480
CMN55G-3.0	30	435	6.20	218.922	75	55	DN32	2130	2280*1500*1990
CMN130GPV-3.0	30	435	5.4-13.5	190.7-476.7	75	55	DN40	2850	2340*2200*1900
					100	75			
CMN132G-3.0	30	435	13.50	476.685	180	132	DN40	3200	3000*1750*1900
CMN185G-3.0	30	435	19.60	692.076	250	185	DN65	4320	3200*1850*2190
CMN220GW-3.0	30	435	24.60	868.626	300	220	DN65	4450	3500*1900*2250

40 BAR

Model	Max Working Pressure		F.A.D		Motor Power		Connection	Net Weight	Dimension (L*W*H)
	bar	psig	m ³ /min	CFM	hp	kw			
CMN22G-40	40	580	2.10	74.15	30	22	3/4"	900	1650*1150*1310
CMN22GPV-40	40	580	0.64-1.6	22.59-56.60	30	22	3/4"	900	1650*1150*1310
CMN37G-40	40	580	3.00	105.93	50	37	3/4"	1340	1900*1420*1480
CMN55G-40	40	580	5.70	201.27	75	55	DN32	2130	2280*1500*1990
CMN130GPV-3.0	40	580	4.9-12.3	173.0-434.3	75	55	Dn40	2850	2340*2200*1900
					100	75			
CMN132G-40	40	580	12.50	441.38	180	132	DN40	3200	3000*1900*2250
CMN220GW-40	40	580	19.70	695.61	300	220	DN65	4450	3500*1900*2250
CMN250GW-40	40	580	23.80	840.38	340	250	DN65	4530	3500*1900*2250

- According to the standard of GB19153-2009
- Compressor Stage: One Stage Compression
- Standard Power Supply: 380V/50Hz/3Ph
- Exhaust Temperature: Ambient Temperature + 15 °C
- Please contact us for any specification that is not within the above mentioned standards.

AIR BOOSTER

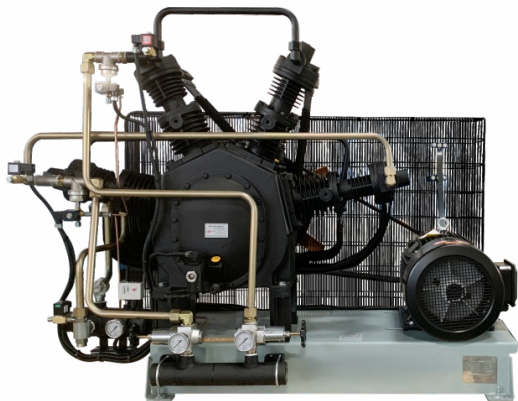
HIGH PRESSURE TYPE PERMANENT MAGNET VSD SCREW AIR COMPRESSOR

- Air discharge: 3.0-8Nm³/h
- Discharge pressure: 3.0-5.0Mpa(suction pressure 0.7-1.0Mpa)
- Installed power: 18.5kw.22kw



ADVANTAGES

- Compact structure, less cover area and easier installation
- Lower noise, lower vibration and easier operation
- Proven technique, more economic and practical
- Energy saving and long durability



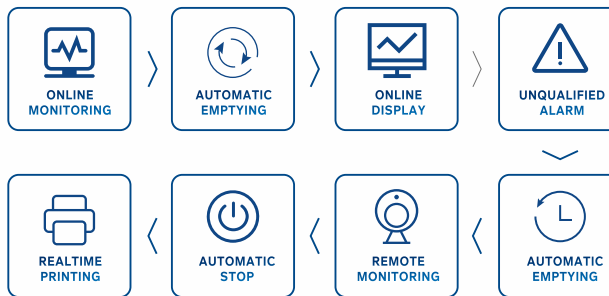
TECHNICAL PARAMETER

Model	Air Discharge	Suction Pressure	Discharge Pressure	Motor Power	Running Speed	Levels of Compression	Mode of Pressure adjusting	Net Weight	Dimension (L*W*H)	
	Nm ³ /h	Mpa	Mpa	kw	r.p.m					kgs
35VZ-4.00/10/40	4.0	1.0	4.0	18.5	800	One-stage	Electronical adjustment	550	1600*800*1200	
2I-35VZ-8.00/10/40	8.0	1.0	4.0	18.5*2	800			1400	2200*1000*2050	
41WZ-3.00/8/50	3.0	0.8	4.0	18.5	760	Two-stage		550	1500*800*1230	
2-41WZ-6.00/8/50	6.0	0.8	4.0	18.5*2	760			1150	1615*1850*1300	
42WZ-3.00/8/40	3.0	0.8	4.0	18.5	670			550	1500*800*1230	
2-42WZ-6.00/8/40	6.0	0.8	4.0	18.5*2	670			1150	1615*1850*1300	
42WZ-4.00/8/40	4.0	0.8	4.0	18.5	760			550	1352*800*1230	
2-42WZ-8.00/8/40	8.0	0.8	4.0	18.5*2	760			1150	1615*1850*16300	
85SZ-6.0/10/36	6.0	1.0	3.6	22	630	One-stage		Gas-electronical adjustment	650	1900*1000*1300

O₂ GENERATOR

OXYGEN GENERATOR

- Oxygen production: 1~300Nm³/h (Standard State)
- Oxygen purity: 93%±3% (National standard oxygen content)
- Oxygen pressure: 0.01~0.5Mpa (Gauge pressure is stable and adjustable)
- Oxygen dew point: -40°C~-75°C (Atmospheric Dew Point)



TECHNICAL PARAMETER

Model	Gas Production	Air Consumption	Inlet Connection	Outlet Connection	Air Purifier	Dimension (L*W*H) mm
	Nm ³ /h	Nm ³ /min				
TYF093-1	1	0.2	DN15	DN15	TY0010	800*650*1720
TYF093-2	2	0.4	DN15	DN15	TY0010	950*950*1500
TYF093-3	3	0.6	DN15	DN15	TY0010	1050*900*1865
TYF093-5	5	1	DN20	DN15	TY0010	1450*900*1825
TYF093-10	10	2	DN32	DN15	TY0020	1450*900*1825
TYF093-15	15	3	DN40	DN25	TYHAD-4-0	1800*950*1940
TYF093-20	20	4	DN40	DN25	TYHAD-6-0	1850*1025*2100
TYF093-25	25	5	DN50	DN25	TYHAD-6-0	2000*1050*2210
TYF093-30	30	6	DN50	DN25	TYHAD-8-0	2000*1050*2530
TYF093-50	50	10	DN65	DN25	TYHAD-13-0	2200*1250*2720
TYF093-60	60	12	DN65	DN40	TYHAD-15-0	2250*1300*2850
TYF093-80	80	16	DN80	DN40	TYHAD-20-0	2350*1550*3060
TYF093-100	100	20	DN100	DN40	TYHAD-25-0	2500*1600*3330
TYF093-120	120	24	DN100	DN40	TYHAD-30-0	2600*1700*3670
TYF093-150	150	30	DN150	DN40	TYHAD-40-0	4700*1500*2980
TYF093-180	180	36	DN200	DN40	TYHAD-40-0	4700*1600*3370
TYF093-200	200	40	DN200	DN40	TYHAD-60-0	5000*1600*3330
TYF093-240	240	48	DN200	DN50	TYHAD-60-0	5200*1700*3670
TYF093-300	300	60	DN250	DN50	TYHAD-80-0	5900*1600*4520

N₂ GENERATOR

NITROGEN GENERATOR

- Nitrogen production: 11~5000Nm³/h (Standard State)
- Nitrogen purity: 90%~99.9995% (National standard oxygen content)
- Nitrogen pressure: 0.01~0.8Mpa (Gauge pressure is stable and adjustable)
- Nitrogen dew point: -40°C~-70°C (Atmospheric Dew Point)



TECHNICAL PARAMETER



Model	Gas Production	Air Consumption	Inlet Connection	Outlet Connection	Dimension (L*W*H)
	Nm ³ /h	Nm ³ /min			mm
HBFD29-15	15	0.55	DN15	DN15	1250*600*1400
HBFD29-20	20	0.73	DN20	DN15	1250*600*1850
HBFD29-30	30	1.10	DN20	DN25	1450*700*1825
HBFD29-50	50	1.83	DN25	DN40	1650*800*2070
HBFD29-60	60	2.20	DN25	DN40	1750*825*2090
HBFD29-80	80	2.90	DN32	DN40	1800*850*2420
HBFD29-100	100	3.70	DN32	DN40	1800*850*2090
HBFD29-120	120	4.40	DN40	DN40	1850*925*2100
HBFD29-150	150	5.50	DN40	DN40	2000*950*2210
HBFD29-180	180	6.60	DN50	DN40	2000*950*2530
HBFD29-200	200	7.30	DN50	DN40	2100*1000*2660
HBFD29-250	250	9.10	DN50	DN50	2100*1100*2680
HBFD29-300	300	11.00	DN65	DN50	2250*1200*2850
HBFD29-350	350	12.80	DN65	DN50	2250*1200*2850
HBFD29-400	400	14.60	DN65	DN80	2350*1400*2980
HBFD29-500	500	18.30	DN80	DN80	2350*1500*3240
HBFD29-600	600	21.90	DN80	DN80	2500*1500*3400
HBFD29-700	700	25.60	DN100	DN80	2600*1600*3670
HBFD29-800	800	29.20	DN100	DN80	2950*1600*4010
HBFD29-900	900	32.90	DN100	DN100	2950*1600*4420
HBFD29-1000	1000	36.50	DN100	DN100	2950*1600*4340
HBFD29-1200	1200	43.80	DN125	DN100	2950*1600*4740
HBFD29-1500	1500	54.80	DN125	DN100	2950*1800*5020
HBFD29-1800	1800	65.70	DN200	DN100	5900*1500*4420
HBFD29-2000	2000	73.00	DN200	DN100	5900*1600*4340
HBFD29-2500	2500	91.30	DN200	DN100	5900*1600*4940
HBFD29-3000	3000	109.50	DN250	DN125	5900*1800*5020

BL(W) SERIES

AIR COOLING/WATER COOLING REFRIGERATED AIR DRYER

ADVANTAGES

- Low pressure dew point
- Large heat exchanger and evaporator
- High efficiency air water separator
- Famous brand refrigerant compressor for longer life and lower noise
- Equipped with hot gas bypass valve to solve the freezing problem



REFRIGERATED AIR DRYER-27

TECHNICAL PARAMETER

AIR COOLING

Model	Air Capacity	Compressor Power	Power Supply	Air Connection	N.W	Dimension
	m ³ /min	hp	v/hz/ph		kg	(L*W*H)mm
BL0005	0.8	0.75	220v/50hz/1ph	DN20(G¾")	50	400*800*640
BL0010	1.8	0.75	220v/50hz/1ph	DN20(G¾")	55	400*800*640
BL0020	2.8	1.0	220v/50hz/1ph	DN25(G1")	65	400*800*780
BL0030	3.8	1.0	220v/50hz/1ph	DN25(G1")	68	400*800*780
BL0040	5.5	1.5	220v/50hz/1ph	DN40(G1½")	90	500*860*880
BL0060	6.8	1.5	220v/50hz/1ph	DN40(G1½")	95	500*860*880
BL0080	8.8	2.0	220v/50hz/1ph	DN50(G2")	130	700*900*1000
BL0100	11.5	2.75	220v/50hz/1ph	DN50(G2")	135	700*900*1000
BL0120	14.0	3.0	380v/50hz/3ph	DN65(G2½")	160	700*1000*1000
BL0150	16.0	4.0	380v/50hz/3ph	DN65(G2½")	165	800*1000*1000
BL0200	22.8	5.0	380v/50hz/3ph	DN80(F3)	250	700*1450*1200
BL0250	28.5	6.0	380v/50hz/3ph	DN80(F3)	300	800*1450*1200
BL0300	35.0	8.0	380v/50hz/3ph	DN80(F3)	400	1800*1000*1460
BL0400	45.0	10.0	380v/50hz/3ph	DN100(F4)	500	2000*1000*1480
BL0500	55.0	12.5	380v/50hz/3ph	DN125(F5)	600	2200*1100*1580
BL0600	65.0	15.0	380v/50hz/3ph	DN125(F5)	700	2200*1100*1580
BL0800	85.0	20.0	380v/50hz/3ph	DN150(F6)	900	2300*1300*1720
BL1000	105.0	25.0	380v/50hz/3ph	DN200(F8)	1100	2500*1400*2100
BL1200	120.0	30.0	380v/50hz/3ph	DN200(F8)	1500	2600*1800*2100
BL1600	160.0	40.0	380v/50hz/3ph	DN200(F8)	1650	3300*2000*2100

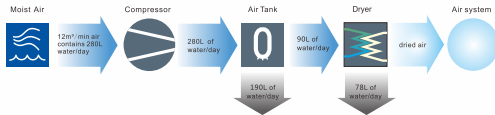
Operating Range:

- Working Pressure:0.6-1.3MPa(normal pressure type)
3.0-4.0MPa(high pressure type)
- Ambient Temperature: 5-45°C
- Max Inlet Temperature:<80°C

Standard Conditions:

- Air Inlet Temperature:38°C
- Ambient Temperature:35°C
- Working Pressure:0.7MPa
- Pressure Dew Point:2-10°C
- Refrigerant:R22/R407C/R134C/R410A
- Cooling Method:air-cooled





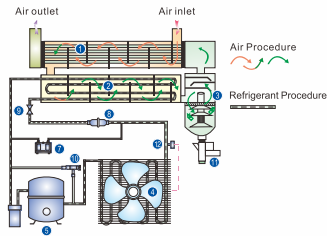
TECHNICAL PARAMETER

WATER COOLING

Model	Air Capacity	Compressor Power	Power Supply	Air Connection	N.W	Dimension (L*W*H)mm
	m ³ /min	hp	v/hz/ph		kg	
BL0120W	14.0	3.0	380v/50hz/3ph	DN65(G21/2")	160	700*1000*1000
BL0150W	16.0	4.0	380v/50hz/3ph	DN65(G21/2")	165	800*1000*1000
BL0200W	22.8	5.0	380v/50hz/3ph	DN80(F3)	250	700*1450*1200
BL0250W	28.5	6.0	380v/50hz/3ph	DN80(F3)	300	800*1450*1200
BL0300W	35.0	8.0	380v/50hz/3ph	DN80(F3)	400	1800*1000*1450
BL0400W	45.0	10.0	380v/50hz/3ph	DN100(F4)	500	2000*1000*1480
BL0500W	55.0	12.5	380v/50hz/3ph	DN125(F5)	600	2200*1100*1580
BL0600W	65.0	15.0	380v/50hz/3ph	DN125(F5)	700	2200*1100*1580
BL0800W	85.0	20.0	380v/50hz/3ph	DN150(F6)	900	2300*1300*1720
BL1000W	105.0	25.0	380v/50hz/3ph	DN200(F8)	1100	2500*1400*2100
BL1200W	120.0	30.0	380v/50hz/3ph	DN200(F8)	1500	2600*1800*2100
BL1600W	160.0	40.0	380v/50hz/3ph	DN200(F8)	1650	3300*2000*2100
BL2000W	200.0	50.0	380v/50hz/3ph	DN250(F10)	2000	3200*2000*2300
BL2500W	250.0	60.0	380v/50hz/3ph	DN250(F10)	2600	3800*2100*2400
BL3000W	300.0	70.0	380v/50hz/3ph	DN300(F12)	3500	4000*2100*2700
BL3600W	360.0	80.0	380v/50hz/3ph	DN300(F12)	4500	4200*2100*2700
BL4000W	400.0	100.0	380v/50hz/3ph	DN300(F12)	5000	4800*2600*2700
BL4500W	450.0	125.0	380v/50hz/3ph	DN400(F15)	5500	5000*2600*3000
BL5000W	500.0	150.0	380v/50hz/3ph	DN400(F15)	6000	5000*2800*3000

Operation Process

1. Pre-cooler / Heat Exchanger
2. Evaporator
3. Air / Water Separator
4. Air-cooled Condenser
5. Refrigerant Compressor
6. Refrigerant Reservoir
7. High-low Pressure switch
8. Dry Filter
9. Expansion Valve (Capillary)
10. Hot Gas Bypass Valve
11. Electric Auto-Drain
12. High Pressure Switch



Operating Range:

- Working Pressure: 0.6-1.3MPa(normal pressure type)
3.0-4.0MPa(high pressure type)
- Ambient Temperature: 5-45°C
- Max Inlet Temperature: < 80°C

Standard Conditions:

- Air Inlet Temperature: 38°C
- Ambient Temperature: 35°C
- Working Pressure: 0.7MPa
- Pressure Dew Point: 2-10°C
- Refrigerant: R22/R407C/R134C/R410A
- Cooling Method: air-cooled

LINE AIR FILTER

DIFFERENT GRADES OF LINE FILTERS :

AO Filter: Pre-filter

Get rid of the particles which bigger than 1µm, also collect fluid oil and water, oil content in the air: ≤0.5 mg/m³(PPM) at 21°C.

AA Filter: After-filter

Get rid of the vapor, oil mist and particles which bigger than 0.01µm, oil content in the air: ≤0.01 mg/m³(PPM) at 21°C (should prepose a AO filter)

ACS Filter: Activated carbon

Absorb oil vapour and hydrocarbon smell, oil content in the air: ≤0.003 mg/m³(PPM) at 21°C (should prepose a AO filter & AA filter)

AR Filter: Common dedusting filter

Get rid of the particles which bigger than 1µm. (should be installed after the adsorption air dryer)

AX Filter: High Efficiency filter

Get rid of the vapor, oil mist and particles which bigger than 0.01µm, oil content in the air: ≤0.001 mg/m³(PPM) at 21°C (should prepose a AO filter & AA filter)

AAR Filter: High Efficiency dedusting filter

Get rid of the particles which bigger than 0.01µm. (should be installed after the adsorption air dryer)



TECHNICAL PARAMETER

Model	Air Capacity	Air Connection	N.W	Dimension	Cartridges/Quantity
	m ³ /min		kg	(A*H*H1)mm	
BF0005(G)	0.8	DN20(G¾")	1.1	200*268*26	BE0005
BF0010(G)	1.8	DN20(G¾")	1.4	200*268*26	BE0010
BF0020(G)	2.8	DN25(G1")	1.5	220*300*26	BE0020
BF0030(G)	3.8	DN25(G1")	1.6	265*375*40	BE0030
BF0040(G)	5.5	DN40(G1½")	3.3	275*365*40	BE0040
BF0060(G)	6.8	DN40(G1½")	3.5	385*500*40	BE0060
BF0080(G)	8.8	DN50(G2")	4.5	498*623*50	BE0080
BF0100(G)	11.5	DN50(G2")	4.8	513*613*50	BE0100
BF0120(G)	14.0	DN65(G2½")	5.1	550*708*65	BE0120
BF0150(G)	16.0	DN65(G2½")	15.0	680*830*65	BE0150

(FLANGE TYPE)

Model	Air Capacity	Air Connection	N.W	Dimension	Cartridges/Quantity
	m ³ /min		kg	(A*H*H1)mm	
BF0250(F)	28.5	DN80(F3)	37.0	353*1110*184	BE0250
BF0300(F)	35.0	DN80(F3)	42.0	504*1120*170	BE0300
BF0400(F)	45.0	DN100(F4)	58.0	465*1120*170	BE0250*2
BF0500(F)	55.0	DN100(F4)	101.0	415*1195*670	BE0300*2
BF0600(F)	65.0	DN125(F5)	101.0	512*1195*965	BE0400*2
BF0800(F)	85.0	DN150(F6)	110.0	565*1290*817	BE0300*3
BF1000(F)	105.0	DN150(F6)	136.0	617*1305*993	BE0400*3
BF1200(F)	120.0	DN200(F8)	143.0	726*1353*820	BE0300*4
BF1600(F)	160.0	DN200(F8)	255.0	800*1419*1036	BE0400*4
BF2000(F)	200.0	DN250(F10)	255.0	800*1560*1128	BE0400*5
BF2500(F)	250.0	DN250(F10)	278.0	860*1570*1178	BE0400*6
BF3000(F)	300.0	DN300(F12)	360.0	959*1730*996	BE0400*7
BF3600(F)	360.0	DN300(F12)	420.0	996*1787*1120	BE0400*8

Working Conditions:

• Max operating temperature: <60°C • Min operating temperature: <1.5°C • Max operating pressure: <1.6MPa

Standard Configuration:

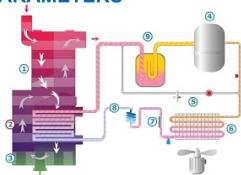
• Shell+Filter element+Auto drain(conventional type) • Shell+Filter element+Electronic drain(flange type)

B-VH SERIES

AIR-COOLED REFRIGERATED DRYER (ALUMINUM PLATE EXCHANGE)

STANDARD TECHNICAL PARAMETERS

Pressure dew point: 2-10°C
 Inlet temperature: 60°C
 Working pressure: 7~16 Bar
 Ambient temperature: 38°C



ADVANTAGES

B-VH refrigerated air dryer by reducing the moisture content in the compressed air through forced cooling to protect user's compressed air system.

The integrated design of pre cooler, evaporator and separator, and high heat exchange efficiency plate heat exchanger to ensure that B-VH dryer provides industrial-grade drying solutions: the refrigeration system uses low-energy refrigeration compressors,

air-cooled condensers, and refrigerants R134a and R410A, the whole machine is energy-saving and environmentally friendly. It has a new intelligent controller: which integrates dew point display and fault alarm functions.

TECHNICAL PARAMETER

AIR COOLING(ALUMINUM PLATE EXCHANGE)

Model	Air Capacity	Compressor Power	Power Supply	Air Connection	N.W	Dimension
	m ³ /min	hp	v/hz/ph		kg	(L*W*H)mm
B010VH	1	10	220v/50hz/1ph	G¾"	37	617*440*740
B016VH	1.8	15	220v/50hz/1ph	G1"	43	617*440*730
B026VH	2.6	20	220v/50hz/1ph	G1"	47	697*440*820
B038VH	3.8	30	220v/50hz/1ph	G 1½"	57.5	658*560*865
B065VH	6.5	50	220v/50hz/1ph	G 1½"	75	717*550*935
B085VH	8.5	60	220v/50hz/1ph	G 1½"	80.5	767*550*985
B115VH	12	75	380v/50hz/3ph	G2"	126	958*650*1085
B135VH	13.5	100	380v/50hz/3ph	G2"	141	956*661*1185
B155VH	15.5	120	380v/50hz/3ph	G2"	150	1105*650*1132
B185VH	18.5	120	380v/50hz/3ph	G 2½"	235	1238*868*1385
B205VH	23.5	150	380v/50hz/3ph	G 2½"	240.5	1260*800*1392
B250VH	25	180	380v/50hz/3ph	G3"	259	1300*870*1440
B350VH	35	250	380v/50hz/3ph	4" Buckle or external thread	332	1380*900*1562
B450VH	45	350	380v/50hz/3ph	4" Buckle or external thread	352	1380*900*1562
B550VH	55	450	380v/50hz/3ph	DN125 Flange	435	1680*1030*1945
B650VH	65	500	380v/50hz/3ph	DN125 Flange	485	1680*1030*1945
B850VH	85	600	380v/50hz/3ph	DN150 Flange	/	/

TECHNICAL PARAMETER

FILTER STRUCTURE DIAGRAM



1 Differential Pressure Gauge (DPG) : Precise indicator shows the level of element saturation and prompt or element replacement (option)

2 O-ring: Better sealing and strength

3 Stainless steel mesh: High filtration surface area with low differential pressure loss

4 Pleated Filter Media: Small pressure drop plus able to trapped large amount of particles.

5 Stainless steel mesh

6 Aluminum Alloy Cylinder: High strength hardness material with anodized treatment

7 High temperature resistance and strong corrosion resistance of condensed layer

FILTER GRADE

Grade	Product Chart	Filter Level	Dust Removal	Oil Removal	Initial Pressure Difference
P		Dust filter	3µm	-	0.05bar
M		Coalescing filter	1µm	0.1ppm	0.08bar
H		High precision filter	0.01µm	0.01ppm	0.10bar
C		Activated carbon filter	--	0.003ppm	0.07bar
X		Superfine filter	0.01µm	0.005ppm	0.15bar
S		Coalescing filter	1µm	0.05ppm	0.25bar

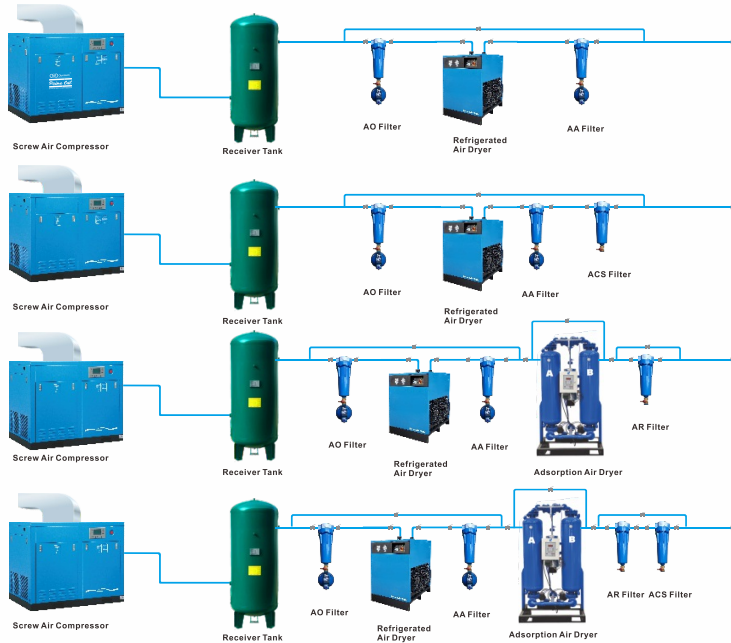
PRESSURE CORRECTION FACTORS

Working pressure (bar)	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factors	0.5	0.63	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13

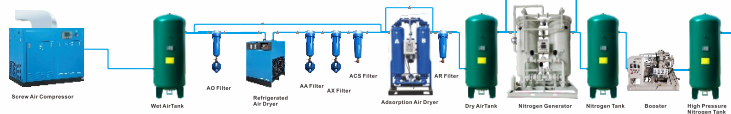
Model	Conn. size	Flow Rate		Dimensions				Element Model
	Inch(RP)	m ³ /min	CFM	A	B	C	D	mm
F0020	1/2"	0.57	20	95	207	174	95	0020E
F0021	3/4"	0.57	20	95	207	174	95	0020E
F0045	1/2"	1.3	46	95	207	174	110	0045E
F0046	3/4"	1.3	46	95	207	174	110	0045E
F0070	3/4"	2	70	95	267	235	145	0070E
F0100	3/4"	2.8	99	95	267	235	175	0100E
F0125	1"	3.5	124	125	301	261	185	0125E
F0126	1-1/2"	3.5	124	125	301	261	185	0125E
F0180	1"	5.1	180	125	301	261	185	0180E
F0181	1-1/2"	5.1	180	125	301	261	185	0180E
F0265	1-1/2"	7.5	265	125	385	345	230	0265E
F0370	1-1/2"	10.5	370	125	385	345	270	0370E
F0515	2"	14.6	515	170	504	455	390	0515E
F0745	2"	21.1	745	170	684	634	570	0745E
F0900	2-1/2"	25.5	900	200	820	752	570	0900E
F0901	3"	25.5	900	200	820	752	570	0900E
F1060	2-1/2"	30	1059	200	820	752	630	1060E
F1061	3"	30	1059	200	820	752	630	1060E
F1280	3"	36.3	1281	200	820	752	700	1280E
F1281	3"	36.3	1281	200	981	915	700	1280E
F1650	3"	46.7	1649	200	981	915	700	1650E
FL0745	DN65	21.1	745	330	684	634	500	0745E
FL0900	DN80	25.5	900	364	820	752	500	0900E
FL1060	DN80	30	1059	364	820	752	500	1060E
FL1280	DN80	36.3	1281	364	820	752	500	1280E
FL1400	DN100	42	1482	525	980	782	500	0745EF
FL1650	DN100	46.8	1652	364	981	915	500	1650E
FL2100	DN125	63	2224	525	1003	794	500	0745EF
FL2800	DN150	84	2965	577	1064	857	600	0745EF
FL3500	DN150	105	3707	651	1123	862	700	0745EF
FL4448	DN200	126	4448	651	1180	891	700	0745EF

FLOW CHAT

PROGRAM



HIGH PRESSURE NITROGEN GENERATOR FLOW CHAT



PROGRAM

Get rid of 99% moisture contents
 Pressure dew point: 2~10°C
 Oil content: 0.01ppm
 Dust content: <0.01μm

Get rid of 99% moisture contents
 Pressure dew point: 2~10°C
 Oil content: 0.003ppm
 Dust content: <0.01μm

Get rid of 99% moisture contents
 Pressure dew point: -20~-70°C
 Oil content: 0.001ppm
 Dust content: <0.01μm

Get rid of 99% moisture contents
 Pressure dew point: -20~-70°C
 Oil content: 0.003ppm
 Dust content: <0.01μm

Get rid of 99% moisture contents
 Pressure dew point: -20~-70°C
 Oil content: 0.003ppm
 Dust content: <0.01μm

APPLICATION RANGE

For swept, general cool and package, spray paint, pneumatic instrument, pneumatic tool, sand blasting, air move and mix, particles products convey

For diving operation, breathable air, food compound, dentistry, cosmetics, hyperbaric oxygen chamber

For print, film industry, nuclear industry, aerospace industry, precision control instrument

For bioengineering, fermentating food

For SMT, electronic components, lithium batteries, electronic alloy materials, semiconductors, LED/LCD displays, 3D printing



OLYMTECH

BUY COMPRESSOR, CHOOSE OLYMTECH

✉ info@olytech-cn.com

🌐 olytechgroup.com
olytech-cn.com

📍 No. 8jinye Str, chenchong, qiaonan, panyu, guangzhou, china
P.o. box 511486

Follow us on social media  Olymtech Technology Development Co., Ltd.



YOUTUBE



TWITTER



INSTAGRAM



FACEBOOK



WEBSITE