DREAM

Green energy, shared Dream

Dream (Shanghai) Compressor Co.,Ltd.

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DREAM

STABLE | ENERGY-SAVING| CLEAN | AND EFFICIENT

GREEN ENERGY
SHARED DREAM

Dream(Shanghai) Compressor Co.,Ltd.

DREAM

GREEN ENERGY SHARED DREAM

Brand meaning ／

● The first letter DM of “DE MENG” DREAM is deformed,combined with the appearance of the air compressor,high-lighting industry and brand attributes:

● 1 represents the unity and common vision of the people of DREAM,while highlighting the industry leadership of DREAM oil-free engines;

● The combination of starlight and DREAM brand concept in the upper right corner is also a+symbol,representing the steady development of DREAM;

● A combination of DM and philosophy consisting of 100+,with the number 1 representing DREAM,and the following numbers symbolizing customers,branches/subsidiaries,win-win cooperation,and sharing the future;

● 100+also represents DREAM products. The continuous exploration and innovation of DREAM people,together with market development,chasing dreams,and creating the future!

Catalogue／

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ABOUT DREAM

45000 ㎡
factory area

100+ 项
Invention patents and honors

20+
Regional branches/subsidiaries

Dream (Shanghai)Compressor Co., Ltd. which established in Shanghai in 2011. It is a company specialized in designing,manufacturing and marketing of air compressors, is A high-tech enterprise that sells and provides system solutions.

It has won honors such as Shanghai Brand Cultivation Demonstration Enterprise, special new enterprise,energy-saving equipment contribution enterprise,high-tech achievement transformation project,etc. The products are widely used in new energy,chemical industry & chemistry,Electronics,textiles,brewing mill,laser cutting, medicine & food and other fields.

Based on concepts of stable,energy-saving,clean,efficiency,simple operation& maintenance ,DREAM insists on developing based on market demand and innovation. The company invests 10%-15% of its profits every year into R&D and the upgrading & optimization of products. Innovation is main driver for DREAM grow up. As manufacturer supplier of Air compressor system solutions, Our service cover client requirement analysis,site investigation,technical solution design,and project cost analysis,non-standard solution customization,solution demonstration and promotion. we provide exclusive compressed gas solutions based on project needs.

After development for 14+years, Dream has always adhered to the enterprise spirit of "One heart One Dream, striving for excellence",constantly innovating and pursuing excellence. Dream people continue to explore and innovate to meet customer needs and provide users with better products and service. Based in China,Dream's products has exported to wordwide countries successfully, mainly market as South Asia,South East Asia,Europe, Africa ,South America, North America, and CIS countries,footprints all over the world. Its excellent product performance and efficient service concept continue to create value for users.

Dream will be always your trust partner. We believe that you will experience our high-quality products and professional services,by working with us. Welcome to pursue dream and create better future with DREAM together!

DREAM CULTURE

Vision

To be a highly competitive manufacturer supplier for air compressor system solutions

Mission

Give users more worry free Sustainably save energy and gas

Value

Concentric shared dream professional focused co-created shared

DREAM

Enterprise honor

- High-tech enterprise
- Specialized in special new enterprises
- Energy-saving technology and equipment contributing enterprises
- Shanghai brand cultivation model enterprise

- CE Certificates
- EMC Certificates
- TUV Rheinland Class 0 Oil Free Certificates
- Germany TUV product safety certification
- GCCA product quality and safety certification
- ISO 9001,14001,45001

20+ City subsidiary

34 Provincial sales service network

Adhering to the business philosophy of "market-oriented,customer-centric,technical support and service guarantee",Dream is committed to providing customers with high quality products and industry-leading services. With Shanghai as the center and 20 service outlets nationwide as the auxiliary,Dream covers 34 provinces and autonomous regions of China's sales and service network,dedicated to provide customers with better service.

Global service

Dream is committed to providing quality products and services on a global scale,and has conducted overseas operations in many countries and regions,including Southeast Asia,Europe,and the Americas,and has established strong partnerships in overseas markets. Our overseas agents have rich experience in cross-cultural communication and international vision,and are able to better understand and meet the needs of local customers and markets. In the future,we will continue to strengthen the development of overseas business,expand more overseas markets,and let China intelligent manufacturing shine on the international stage.

Development history

2011
Shanghai Sales Company Established
Establishment of Hefei branch/subsidiary

2012
Establishment of Nanjing and Shandong branches/subsidiaries

2013
DREAM Shanghai Operations Headquarters Established
Establishing Shanghai Songjiang Assembly Factory
Investment in independent research and development and production

2014-2015
Establishment of Beijing Suzhou Xi'an Branch/Subsidiary

2016
Delivery and use of independently developed secondary compression energy-saving series products
DREAM expands its scale and relocates its headquarters and factory to Jinshan,Shanghai
Establishment of Chongqing branch/subsidiary

2017
Delivery and use of independently developed dry oil-free series products
DREAM opens sub partner/sub partner mode
Establishment of Shenyang Chengdu Branch/Subsidiary

2018
Oil free series products have passed the Class0 certification
Establishment of DREAM International Business Unit
Establishment of Hunan branch/subsidiary

2019-2021
Awarded as a Shanghai Brand Cultivation Demonstration Enterprise
Obtaining high-tech enterprise
Approved state-level laboratory
Full line upgrade of DREAM products

2022
Delivery and use of vacuum pump series products
Obtained the title of Shanghai Specialized and Refined Enterprise
Enterprises that have contributed to energy-saving equipment

2023
Delivery and use of independently developed oil-free screw process gas series products
Construction of DREAM Zhejiang Factory Starts
The high-tech achievement transformation project has been recognized

2024
New factory put into operation
GREEN ENERGY SHARED DREAM

2025+
Becoming a highly competitive compressor solution in the industry Case provider

Partner

Service areas

New energy

Chemical Engineering&Chemistry

Electronic manufacturing

Textile industry

Brewing industry

Food industry

Pharmaceutical Industry

Electricity

Dream Intelligent Manufacturing Six core competencies

Solution

Air compressor energy saving expansion
Digital station house
Intelligent control
Whole station energy saving

Product

Oil-free air compressor
Oil-Injected screw air compressor
Portable Air Compressor
Air Treatment Equipment

Guarantee

Product quality assurance
Production cycle support
Product after-sales support
System engineering capability assurance
Capacity supporting measures

德蒙®
绿色用气 共享未来

Technology

Air compressor development technology
Automatic digital technology
Specialized application technology

Service

Full life cycle service
1-5 Year Warranty
Global delivery

Engineering

Gas station renewal capacity
Project management capability
Engineering design capability
Detail implementation ability

Full process cycle and service

We provide the whole process cycle service for customers to build gas stations or upgrade,covering compressed gas system research,evaluation,design,edge calculation,equipment installation,engineering installation,intelligent iot system control,equipment maintenance and so on.

Service process

- Compressed gas survey
- Evaluation
- Design
- Accounting
- Equipment installation
- Engineering installation
- Intelligent iot system control
- Equipment maintenance

Performance pledge

- Free pre-sale service
- 13 months free maintenance
- Lifetime warranty
- 7*24 service
- Regular inspection
- Dedicated maintenance files

Oil free air compressor

01

DMWV-G series
Dry oil-free permanent magnet variable frequency screw air compressor

02

DMW-G series
Dry oil-free power frequency screw air compressor

03

DMWLV-G series
Low pressure dry oil-free permanent magnet variable frequency screw air compressor

04

DMWV-G series
Oil-free water lubrication permanent magnet variable frequency screw air compressor

05

DMW-G series
Oil-free water lubricated power frequency screw air compressor

06

DMW-A series
Oil free vortex air compressor

The product parameter table of DREAM compressor follows:

1. Gas volume flow rate with displacement value in the following states (temperature: 32 degrees Celsius,atmospheric pressure: 101.325kPa)
2. The exhaust pressure is the pressure value after the check valve
3. The noise value is the value in the anechoic room,with a testing tolerance of 3dB
4. For use under harsh conditions such as high temperature,high humidity,high cold,and high dust,please consult our company
5. External dimensions and overall weight are subject to change without prior notice
6. Please do not use compressed air directly on medical devices inhaled by the human body.

DREAM

DMWV-G series

Dry oil-free permanent magnet variable speed screw air compressor

Adopting German technology and oil-free main engine,it is a highly environmentally friendly,oil-free machine certified by German TUV CLASS 0.Highly energy-efficient dry oil-free screw air compressor.

German imported host

TUV Rheinland Class CertifiOil 0 Free cates

IE5

Permanent magnet synchronous motor efficiency Reach IE5 level

Low pressure loss and large air filter design

All stainless steel design

Highly efficient gas-water separation

Oil mist separation without air consumption

Silent centrifugal fan design

DMWV-G series	working pressure		capacity		power		noise	Air outlet pipe diameter	net weight kg		dimensions(mm)					
	bar	psig	(m^3/min)	cfm	kW	hp	dB		Air-cooled	water-cooled	length	width	height	length	width	height
											Air-cooled			water-cooled		
DMWV-37G	8	116	3.6-5.6	127-198	37	50	69±3	G1 1/2″	1800	1950	2000	1300	1820	2200	1500	1720
DMWV-45G	7	102	4.5-7.8	159-275	45	60	69±3	G1 1/2″	1800	1850	2000	1300	1820	2200	1500	1720
	8	116	4.0-6.8	141-240												
	10	145	3.7-6.4	132-226												
DMWV-55G	7	102	5.7-9.8	202-346	55	75	69±3	G1 1/2″	1900	1950	2000	1300	1820	2200	1500	1720
	8	116	5.2-9.0	182-318												
	10	145	4.4-7.8	157-275												
DMWV-75G	7	102	7.6-13.0	268-459	75	100	70±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	8	116	7.2-12.2	253-431												
	10	145	6.6-11.2	234-396												
DMWV-90G	7	102	9.6-16.0	332-565	90	120	71±3	DN50	2100	2150	2200	1400	2000	2200	1500	1720
	8	116	8.1-13.8	286-487												
	10	145	7.6-13.1	269-463												
DMWV-110G	7	102	12.1-20.6	429-727	110	150	71±3	DN65	3100	3150	3000	1990	2180	2800	1900	1990
	8	116	11.6-19.5	408-689												
	10	145	11.1-18.8	391-664												
DMWV-132G	7	102	14.7-24.8	518-876	132	175	73±3	DN65	3200	3250	3000	1990	2180	2800	1900	1990
	8	116	13.6-23.0	480-812												
	10	145	11.5-19.5	406-689												
DMWV-160G	7	102	16.9-28.5	596-1006	160	215	73±3	DN65	3300	3400	3000	1990	2180	2800	1900	1990
	8	116	15.6-26.3	550-929												
	10	145	14.1-23.8	497-840												
DMWV-185G	7	102	19.5-32.8	687-1158	185	250	74±3	DN65	3400	3500	3000	1990	2180	2800	1900	1990
	8	116	17.1-28.9	605-1021												
	10	145	16.3-27.5	575-971												
DMWV-200G	7	102	21.8-36.8	768-1300	200	270	74±3	DN100	5570	5000	4500	2000	2150	3100	2200	2103
	8	116	20.4-34.6	721-1222												
	10	145	18.1-30.6	640-1081												
DMW-220G	7	102	24.9-41.5	879-1466	220	300	74±3	DN100	5600	5100	4500	2000	2150	3100	2200	2103
	8	116	22.4-37.3	790-1317												
	10	145	19.8-33	699-1165												
DMWV-250G	7	102	27.3-46.0	964-1624	250	350	74±3	DN100	5800	5200	4500	2000	2150	3100	2200	2103
	8	116	25.3-42.8	893-1511												
	10	145	22.7-38.2	803-1348												
DMWV-280G	7	102	31.6-48.6	1116-1716	280	375	76±3	DN100	5900	5300	4500	2000	2150	3100	2200	2103
	8	116	30.9-47.5	1090-1677												
	10	145	29.3-45	1033-1589												
DMWV-315G	7	102	34.1-52.5	1205-1854	315	422	77±3	DN100	6000	5400	4500	2000	2150	3100	2200	2103
	8	116	32.9-50.6	1161-1787												
	10	145	31.5-48.5	1113-1713												

DMW-G series

Dry oil-free power frequency screw air compressor

Imported oil-free main engine, it is a high environmental protection and high energy efficiency that has passed the German TUV CLASS 0 oil-free certification Dry oil-free screw air compressor.

German imported host

TUV Rheinland Class CertifiOil 0 Free cates

Permanent magnet synchronous motor efficiency Reach IE5 level

Low pressure loss and large air filter design

All stainless steel design

Highly efficient gas-water separation

Oil mist separation without air consumption

Silent centrifugal fan design

DMW-G series	working pressure		capacity		power		noise	Air outlet pipe diameter	net weight kg		dimensions(mm)					
	bar	psig	(m³/min)	cfm	kW	hp	dB		Air-cooled	water-cooled	length	width	height	length	width	height
											Air-cooled			water-cooled		
DMW-37G	8	116	5.6	197.7	37	50	69±3	G1 1/2″	1900	1950	2000	1300	1820	2200	1500	1720
DMW-45G	7	102	7.8	275.5	45	60	69±3	G1 1/2″	1900	1950	2000	1300	1820	2000	1500	1720
	8	116	6.8	240.1												
	10	145	6.4	226.2												
DMW-55G	7	102	9.8	346.1	55	75	69±3	G1 1/2″	2000	2050	2000	1300	1820	2200	1500	1720
	8	116	9.0	317.8												
	10	145	7.8	275.5												
DMW-75G	7	102	13.0	459.1	75	100	70±3	DN50	2150	2200	2200	1400	2000	2200	1500	1720
	8	116	12.2	430.8												
	10	145	11.2	395.5												
DMW-90G	7	102	16.0	565.0	90	120	71±3	DN50	2250	2300	2200	1400	2000	2200	1500	1720
	8	116	13.8	487.3												
	10	145	13.1	462.6												
DMW-110G	7	102	20.6	727.5	110	150	71±3	DN65	3360	3400	3000	1990	2180	2800	1900	1990
	8	116	19.5	688.6												
	10	145	18.8	663.9												
DMW-132G	7	102	24.8	875.8	132	175	73±3	DN65	3500	3550	3000	1990	2180	2800	1900	1990
	8	116	23.0	812.2												
	10	145	19.5	688.6												
DMW-160G	7	102	28.5	1006.5	160	215	73±3	DN65	3750	3850	3000	1990	2180	2800	1900	1990
	8	116	26.3	928.8												
	10	145	23.8	840.5												
DMW-185G	7	102	32.8	1158.3	185	250	74±3	DN65	3860	3960	3000	1990	2180	2800	1900	1990
	8	116	28.9	1020.6												
	10	145	27.5	971.2												
DMW-200G	7	102	36.8	1299.6	200	270	74±3	DN100	5730	5230	4500	2000	2150	3100	2200	2103
	8	116	34.6	1221.9												
	10	145	30.6	1080.6												
DMW-220G	7	102	41.5	1465.6	220	300	74±3	DN100	6000	5500	4500	2000	2150	3100	2200	2103
	8	116	37.3	1317.2												
	10	145	33.0	1165.4												
DMW-250G	7	102	46.0	1624.5	250	350	74±3	DN100	6400	6000	4500	2000	2150	3100	2200	2103
	8	116	42.8	1511.5												
	10	145	38.2	1347.7												
DMW-280G	7	102	48.6	1716.3	280	375	76±3	DN100	6500	6100	4500	2000	2150	3100	2200	2103
	8	116	47.5	1677.4												
	10	145	45.0	1589.2												
DMW-315G	7	102	52.5	1854.0	315	422	77±3	DN100	6600	6200	4500	2000	2150	3100	2200	2103
	8	116	50.6	1786.9												
	10	145	48.5	1712.8												
DMW-355G	7	102	65.0	2295.5	355	476	78±3	DN150	/	6250	/	/	/	5000	2400	2400
	8	116	59.0	2083.6												
	10	145	52.2	1843.4												
DMW-400G	7	102	75.4	2662.7	400	536	78±3	DN150	/	6300	/	/	/	5000	2400	2400
	8	116	67.0	2366.1												
	10	145	58.9	2080.0												
DMW-450G	7	102	78.5	2772.2	450	600	79±3	DN150	/	6800	/	/	/	5000	2400	2400
	8	116	77.3	2729.8												
	10	145	66.5	2348.4												
DMW-500G	7	102	86.2	3044.1	500	670	79±3	DN150	/	7200	/	/	/	5000	2400	2400
	8	116	85.3	3012.3												
	10	145	78.0	2754.5												
DMW-560G	10	145	85.0	3001.7	560	760	79±3	DN150	/	7200	/	/	/	5000	2400	2400

DMWLV-G series

Low-pressure dry oil-free permanent magnet frequency conversionScrew air compressor

Germany imported low-voltage host, German Rheinland grade 0 oil-free certification, all stainless steel design, ultra-low pressure loss pipeline muffler design, no gas consumption oil mist separation, IE5 efficiency permanent magnet motor, frequency conversion design, constant pressure operation.

German imported host

TUV Rheinland Class CertifiOil 0 Free cates

All stainless steel design

Ultra-low pressure drop Pipe muffler design

Oil mist separation without air consumption

IE5 efficiency permanent magnet motor

Inverter design Constant pressure operation

High efficiency water coolingcooler

DMWLV-G series	working pressure		capacity		power		noise	Air outlet pipe diameter	net weight kg		dimensions(mm)					
											Air-cooled			water-cooled		
	bar	psig	(m³/min)	cfm	kW	hp	dB		Air-cooled	water-cooled	length	width	height	length	width	height
DMWLV-45G	2	29	16.3	575	45kW	60	72±3	DN100	2950	2950	2200*1550*2090			2400*1500*1700		
	2.5	36	14.5	512												
	3	44	12.2	431												
DMWLV-55G	2	29	20.1	710	55kW	75	74±3	DN100	3000	3000	2200*1550*2090			2400*1500*1700		
	2.5	36	16.1	568												
	3	44	13.9	491												
DMWLV-75G	2	29	26.3	928	75kW	100	75±3	DN100	3050	3050	2200*1550*2090			2400*1500*1700		
	2.5	36	23.1	815												
	3	44	19.5	688												
DMWLV-90G	2	29	30.4	1073	90kW	120	76±3	DN100	3100	3100	2200*1550*2090			2400*1500*1700		
	2.5	36	27.7	978												
	3	44	24.2	854												
DMWLV-110G	2	29	44.0	1553	110kW	150	76±3	DN150	3700	3700	3100*2000*2103			3100*2000*2103		
	2.5	36	37.0	1306												
	3	44	33.1	1168												
DMWLV-132G	2	29	50.2	1772	132kW	175	76±3	DN150	3800	3800	3100*2000*2103			3100*2000*2103		
	2.5	36	43.5	1536												
	3	44	36.7	1296												
DMWLV-160G	2	29	52.8	1864	160kW	215	77±3	DN150	3900	3900	/			3100*2000*2103		
	2.5	36	49.9	1761												
	3	44	43.1	1521												
DMWLV-185G	2	29	71.5	2524	185kW	250	80±3	DN200	4500	4500	/			3700*2200*2303		
	2.5	36	61.3	2164												
	3	44	55.0	1942												
DMWLV-200G	2	29	75.2	2655	200kW	270	80±3	DN200	4700	4700	/			3700*2200*2303		
	2.5	36	70.9	2503												
	3	44	62.5	2206												
DMWLV-220G	2	29	83.5	2948	220kW	300	81±3	DN200	4900	4900	/			3700*2200*2303		
	2.5	36	76.4	2697												
	3	44	66.0	2330												
DMWLV-250G	2	29	/	/	250kW	350	81±3	DN200	5100	5100	/			3700*2200*2303		
	2.5	36	82.5	2912												
	3	44	75.8	2676												
DMWLV-280G	2	29	/	/	280kW	375	82±3	DN250	5200	5200	/			3700*2200*2303		
	2.5	36	/	/												
	3	44	81.4	2873												
DMWLV-315G	2	29	122.0	4307	315kW	422	84±3	DN250	6900	6900	/			4200*2400*2500		
	2.5	36	110.8	3911												
	3	44	97.5	3442												
DMWLV-355G	2	29	133.0	4695	355kW	476	84±3	DN250	7000	7000	/			4200*2400*2500		
	2.5	36	120.2	4243												
	3	44	109.7	3872												
DMWLV-400G	2	29	-	-	400kW	536	85±3	DN250	7200	7200	/			4200*2400*2500		
	2.5	36	132.0	4660												
	3	44	120.0	4236												

DMWV-G series

Oil-free water-lubricated permanent magnet variable frequency screw air compressor

The compressed air of the oil-free screw air compressor is 100% pure oil-free, because it directly replaces the lubricating oil with water, and can also achieve the four effects of lubrication, cooling, sealing, and noise reduction, and the discharged water is pollution-free, very environmentally friendly.

Water lubrication design

TUV Rheinland Class CertifiOil 0 Free cates

Low pressure loss high air filter design

All stainless steel design

High efficiency gas water separation

Efficiency of permanent magnet synchronous motor Reach IE5 leve

DMWV-G series	working pressure		capacity		power		noise	Air outlet Pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DMWV-22G	7	102	2.2-3.7	78-131	22	30	61±3	G1″	655	1400	1000	1200
	8	116	2.0-3.4	71-120								
	10	145	1.8-3.0	64-106								
DMWV-30G	7	102	3.1-5.2	109-184	30	40	64±3	G1 1/2″	1150	1920	1170	1320
	8	116	2.8-4.7	99-166								
	10	145	2.5-4.3	88-152								
DMWV-37G	7	102	3.6-6.1	127-215	37	50	64±3	G1 1/2″	1200	1920	1170	1320
	8	116	3.3-5.6	117-198								
	10	145	3.0-5.0	106-177								
DMWV-45G	7	102	4.5-7.5	159-265	45	60	66±3	G2″	1320	1920	1170	1320
	8	116	4.0-6.8	140-240								
	10	145	3.6-6.0	127-212								
DMWV-55G	7	102	6.0-10.0	212-353	55	75	66±3	DN50	1520	1930	1320	1535
	8	116	5.4-9.0	191-318								
	10	145	4.6-7.8	162-275								
DMWV-75G	7	102	7.8-13.0	275-459	75	100	70±3	DN50	1620	1930	1320	1535
	8	116	7.2-12.0	254-424								
	10	145	6.0-10.0	212-353								
DMWV-90G	7	102	9.3-15.5	318-547	90	120	70±3	DN80	1800	1930	1320	1535
	8	116	8.4-14.0	297-494								
	10	145	7.5-12.5	265-441								
DMWV-110G	7	102	12.0-20.0	424-706	110	150	72±3	DN80	3100	2300	1600	1750
	8	116	10.8-18.0	381-636								
	10	145	9.6-16.0	339-565								
DMWV-132G	7	102	15.0-25.0	530-883	132	175	72±3	DN80	3250	2300	1600	1750
	8	116	13.8-23.0	487-812								
	10	145	12.0-20.0	424-706								

DREAM

DMW-G series

Power frequency screw air compressor without oil and water lubrication

The compressed air of the oil-free screw air compressor is 100% pure oil-free, because it directly replaces the lubricating oil with water, and can also achieve the four effects of lubrication, cooling, sealing, and noise reduction, and the discharged water is pollution-free, very environmentally friendly.

Water lubrication design

TUV Rheinland Class CertifiOil 0 Free cates

Low pressure loss and large air filter design

All stainless steel design

Highly efficient gas-water separation

YE3 High efficiency motor

DMWV-G series	working pressure		capacity		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DMW-22G	7	102	3.7	131	22	30	61±3	G1″	655	1400	1000	1200
	8	116	3.4	120								
	10	145	3.0	106								
DMW-30G	7	102	5.2	184	30	40	64±3	G1 1/2″	1150	1920	1170	1320
	8	116	4.7	166								
	10	145	4.3	152								
DMW-37G	7	102	6.1	215	37	50	64±3	G1 1/2″	1200	1920	1170	1320
	8	116	5.6	198								
	10	145	5.0	177								
DMW-45G	7	102	7.5	265	45	60	66±3	G1 1/2″	1320	1920	1170	1320
	8	116	6.8	240								
	10	145	6.0	212								
DMW-55G	7	102	10.0	353	55	75	66±3	DN50	1520	1930	1320	1535
	8	116	9.0	318								
	10	145	7.8	275								
DMW-75G	7	102	13.0	459	75	100	70±3	DN50	1620	1930	1320	1535
	8	116	12.0	424								
	10	145	10.0	353								
DMW-90G	7	102	15.5	547	90	120	70±3	DN50	1800	1930	1320	1535
	8	116	14.0	494								
	10	145	12.5	441								
DMW-110G	7	102	20.0	706	110	150	72±3	DN80	3100	2300	1600	1750
	8	116	18.0	636								
	10	145	16.0	565								
DMW-132G	7	102	25.0	883	132	175	72±3	DN80	3250	2300	1600	1750
	8	116	23.0	812								
	10	145	20.0	706								

Cooling method：(Air-cooled：DMW-22G~DMW-45G)、(Water：DMW-55G~DMW-132G)

DREAM

DMW-A series

Oil free vortex air compressor

Oil free vortex air compressor is a type of volumetric compression air compressor,with compression components consisting of a dynamic vortex plate and a static vortex. Its working principle is to use the relative orbital motion of the dynamic and static vortex plates to form a continuous change in the closed volume,achieving the purpose of compressing gas. Mainly used in air conditioning,refrigeration,general gas compression,as well as in scenarios where small and medium-sized air compressors are used for automotive engine boosters and vacuum pumps.

efficient Oil-free main engine

YE3 High efficiency motor

High heat exchange efficiency Secondary cooler

Low noise

Independently developed Smart Control control system

The controller complies with CE certification

Reliable transmission system

oil-free

DMW-A series	Top row Gas pressure	Volume flow (FAD)	cfm	Host machine power	Host machine framework	rated stress	noise Lv.	length	width	height	Air outlet pipe diameter	net weight	note
	bar	L/min		kW		Mpa	dB(A)	mm	mm	mm		kg	
DMW-02A-8	8	240	8.48	3	2.2*1	0.8	60±2	640	660	890	1/2"	200	
DMW-02A-10	10	210	7.42	3	2.2*1	1	60±2	640	660	890	1/2"	200	
DMW-02SAT-8	8	240	8.48	3	2.2*1	0.8	60±2	660	960	1360	1/2"	280	Equipped with a refrigerated dryer/equipped with a 24L air storage tank/equipped with 2 precision filters
DMW-02SAT-10	10	210	7.42	3	2.2*1	1	60±2	660	960	1360	1/2"	280	Equipped with a refrigerated dryer/equipped with a 24L air storage tank/equipped with 2 precision filters
DMW-04A-8	8	410	14.48	3.7	3.7*1	0.8	60±2	640	660	890	1/2"	220	
DMW-04A-10	10	360	12.72	3.7	3.7*1	1	60±2	640	660	890	1/2"	220	
DMW-04SAT-8	8	410	14.48	3.7	3.7*1	0.8	60±2	660	960	1360	1/2"	300	Equipped with a refrigerated dryer/equipped with a 24L air storage tank/equipped with 2 precision filters
DMW-04SAT-10	10	360	12.72	3.7	3.7*1	1	60±2	660	960	1360	1/2"	300	Equipped with a refrigerated dryer/equipped with a 24L air storage tank/equipped with 2 precision filters
DMW-05A-8	8	600	21.19	5.5	5.5*1	0.8	60±2	640	660	890	3/4"	350	
DMW-05SAT-8	8	600	21.19	5.5	5.5*1	0.8	60±2	1490	800	1470	1/2"	410	With a cold dryer/with 200L gas storage tank/with 2 precision filters
DMW-07A-8	8	816	28.82	7.5	3.7*2	0.8	68±2	1060	690	1090	3/4"	300	
DMW-07A-10	10	760	26.85	7.5	3.7*2	1	68±2	1060	690	1090	3/4"	300	
DMW-11A-8	8	1200	42.39	11	5.5*2	0.8	68±2	1060	690	1090	3/4"	340	
DMW-11AI-8	8	1200	42.39	11	3.7*3	0.8	68±2	1060	690	1495	3/4"	430	
DMW-11AI-10	10	1080	38.15	11	3.7*3	1	68±2	1060	690	1495	3/4"	430	
DMW-15A-8	8	1600	56.52	15	3.7*4	0.8	70±2	1060	700	1965	1"	620	
DMW-15A-10	10	1440	50.87	15	3.7*4	1	70±2	1060	700	1965	1"	620	
DMW-16A-8	8	1800	63.58	16.5	5.5*3	0.8	70±2	1060	690	1495	1"	490	
DMW-18A-8	8	2140	75.59	18.5	3.7*5	0.8	70±2	1560	1265	1775	1"	840	
DMW-18A-10	10	1770	62.52	18.5	3.7*5	1	70±2	1560	1265	1775	1"	840	
DMW-22A-8	8	2550	90.07	22	5.5*4	0.8	70±2	1060	700	1965	1"	700	
DMW-22AI-8	8	2550	90.07	22	3.7*6	0.8	70±2	1560	1265	1775	1"	910	
DMW-22A-10	10	2110	74.53	22	3.7*6	1	70±2	1560	1265	1775	1"	910	
DMW-30A-8	8	3400	120.10	30	3.7*8	0.8	75±2	1560	1265	2020	1 1/4"	1140	
DMW-30A-10	10	2810	99.26	30	3.7*8	1	75±2	1560	1265	2020	1 1/4"	1140	
DMW-33A-8	8	3600	127.16	33	5.5*6	0.8	70±2	1560	1265	1775	1 1/4"	1160	

Energy-saving screw air compressor

01

DHV-Z series
Permanent magnet double frequency conversion two-stage compression screw air compressor

02

DH-Z series
Power frequency two-stage compression screw air compressor

03

DHLV-Z series
Low pressure permanent magnet double frequency two-stage compression screw air compressor

04

DHLV-G series
Low pressure permanent magnet double frequency single stage compression screw air compressor

05

DHV-G/A series
Permanent magnet variable frequency single stage compression Screw air compressor

06

DMV-G series
Permanent magnet variable frequency single stage compression Screw air compressor

07

DM-G series
Power frequency single-stage compression Screw air compressor

08

DHV-SAT series
Full performance integrated permanent magnet frequency conversion Screw air compressor

DREAM compressor product parameter table follows:

1. Gas volume flow with the exhaust volume value in the following state (temperature: 32°C, atmospheric pressure: 101.325KPa)
2. The exhaust pressure is the pressure value after the minimum pressure valve
3. Noise value is the value of no echo chamber, test tolerance: 3dB(A)
4. For use under harsh conditions such as high temperature, high humidity, high cold and high dust, please consult the company
5. Dimensions and weight of the whole machine are subject to change without prior notice
6. Please do not use compressed air directly for human inhalation of medical equipment

DREAM

DHV-Z series

Permanent magnet double frequency two-stage compression screw air compressor

The whole machine has super first-level energy efficiency,second-level compression energy-saving host,permanent magnet synchronous motor efficiency Reach IE5 level、silent centrifugal fan configuration,Dual frequency conversion design of the host fan,enlarged cooler side ceiling row design,hot and cold zone design,human-machine communication interface touch screen microcomputer.The controller monitors the operating status in real time.

Primary energy efficiency of whole machine

Energy saving II Compression host

Permanent magnet synchronous motor efficiency Reach IE5 level

Silent centrifugal fan design

Host fan dual frequency conversion design

Enlarged cooler side ceiling row design

Hot and cold zone design

Monitor operating status in real time

DHV-Z series	Exhaust pressure		exhaust volume		power		noise	Air outlet pipe diameter	aircrew net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DHV-37Zi	8	116	2.3-7.7	81-272	37	50	65±3	G2″	1600	1860	1180	1430
	10	145	1.9-6.9	67-244								
	13	189	/	/	/	/	/	/	/	/	/	/
DHV-45Zi	8	116	3.2-10.5	113-371	45	60	65±3	G2″	1780	1860	1180	1430
	10	145	2.2-7.8	78-275								
	13	189	2.5-6.1	88-215								
DHV-55Z	8	116	3.9-13.2	138-466	55	75	65±3	G2″	1850	2160	1350	1750
	10	145	3.1-10.7	109-378								
	13	189	2.6-8.8	92-311								
DHV-75Z	8	116	5-16.8	177-593	75	100	68±3	G2″	1900	2160	1350	1750
	10	145	4.1-13.8	145-487								
	13	189	3.6-12.3	127-434								
DHV-90Z	8	116	6-20.1	212-710	90	120	70±3	DN65	2100	2420	1530	1720
	10	145	5.2-17.3	184-611								
	13	189	4.8-15.9	170-562								
DHV-110Z	8	116	7.1-23.5	251-830	110	150	72±3	DN80	2800	2650	1600	1850
	10	145	5.9-19.8	210-699								
	13	189	5.3-17.8	187-629								
DHV-132Z	8	116	8-28.1	283-992	132	175	74±3	DN80	3000	2650	1600	1850
	10	145	7.3-24.3	257-858								
	13	189	6.1-20.2	214-713								
DHV-160Z	8	116	10.1-33.6	356-1187	160	215	75±3	DN100	4000	3350	1900	1950
	10	145	9.2-30.5	323-1077								
	13	189	8.4-28	297-989								
DHV-185Z	8	116	12.4-38.7	438-1367	185	250	76±3	DN100	4300	3350	1900	1950
	10	145	10.4-34.8	369-1229								
	13	189	9.7-32.3	342-1141								
DHV-200Z	8	116	12.8-42.6	451-1504	200	270	76±3	DN100	4600	3350	1900	1950
	10	145	12.2-40.5	431-1430								
	13	189	10.6-35.1	374-1240								
DHV-220Z	8	116	14.2-47.3	501-1670	220	300	78±3	DN100	5200	3700	2060	2150
	10	145	12.8-42.5	450-1501								
	13	189	12-37.4	424-1321								
DHV-250Z	8	116	18.5-52.8	653-1865	250	350	78±3	DN100	5900	3700	2060	2150
	10	145	15.1-48.3	533-1706								
	13	189	13.3-43	470-1518								
DHV-280Z	8	116	17.46-58.2	616-2053	280	375	80±3	DN100	6600	3700	2060	2150
	10	145	15.75-52.5	557-1856								
	13	189	14.4-48	509-1696								
DHV-315Z	8	116	19.86-66.2	705-2350	315	422	82±3	DN125	7000	4200	2300	2400
	10	145	17.43-58.1	618-2060								
	13	189	15.21-50.7	540-1800								
DHV-355Z	8	116	21.96-73.2	778-2592	355	476	82±3	DN125	7200	4200	2300	2400
	10	145	19.56-65.2	690-2299								
	13	189	16.5-55	584-1945								

DREAM

DH-Z series

Power frequency two-stage compression screw air compressor

The whole machine has super energy efficiency, more energy saving secondary compressor, YE3 high efficiency motor, silent centrifugal fan configuration, increasing the suction top row design of the cooler side, cold and hot zone design, man-machine AC interface touch screen microcomputer controller to monitor the running status in real time.

- Primary energy efficiency of whole machine
- energy-efficient secondary compression host
- YE3 high-efficiency motor
- Silent centrifugal fan configuration
- Increase the design of the side suction and top discharge of the cooler
- Cold and hot partition design
- Real time monitoring of operational status
- Imported brand contactor

DH-Z series	Working pressure		capacity		power		noise	Air outlet pipe diameter	net weight	Dimensions(mm)		
	bar	psig	(m³/min)	cfm	kW	hp	dB		kg	length	width	height
DH-55Z	8	116	12.8	452	55	75	65±3	G2″	2000	2160	1350	1750
	10	145	10.4	367								
	13	189	8.8	311								
DH-75Z	8	116	16.5	583	75	100	68±3	G2″	2100	2160	1350	1750
	10	145	13.5	477								
	13	189	12.2	431								
DH-90Z	8	116	20.1	710	90	120	70±3	DN65	2400	2420	1530	1720
	10	145	17.3	611								
	13	189	15.9	562								
DH-110Z	8	116	23.5	830	110	150	72±3	DN80	3300	2650	1600	1850
	10	145	19.8	699								
	13	189	17.6	622								
DH-132Z	8	116	27.8	982	132	175	74±3	DN80	3500	2650	1600	1850
	10	145	24	848								
	13	189	20	706								
DH-160Z	8	116	33.3	1176	160	215	75±3	DN100	4500	3350	1900	1950
	10	145	30	1059								
	13	189	28.2	996								
DH-185Z	8	116	38.6	1363	185	250	76±3	DN100	4600	3350	1900	1950
	10	145	34.4	1215								
	13	189	31.8	1123								
DH-200Z	8	116	42.5	1501	200	270	76±3	DN100	4850	3350	1900	1950
	10	145	40.2	1420								
	13	189	35	1236								
DH-220Z	8	116	47.1	1663	220	300	78±3	DN100	6000	3700	2060	2150
	10	145	42.5	1501								
	13	189	37.2	1314								
DH-250Z	8	116	52.5	1854	250	350	78±3	DN100	6650	3700	2060	2150
	10	145	48.2	1702								
	13	189	43	1519								
DH-280ZW	8	116	58	2048	280	375	80±3	DN125	6700	3700	2060	2150
	10	145	52.3	1847								
	13	189	47.8	1688								
DH-315ZW	8	116	66	2331	315	422	82±3	DN125	7500	3700	2400	2300
	10	145	57.9	2045								
	13	189	50.5	1783								
DH-355ZW	8	116	73	2578	355	476	82±3	DN125	7600	3700	2400	2300
	10	145	65	2295								
	13	189	54.8	1935								
DH-400ZW	8	116	85	3000	400	540	82±3	DN150	8900	4200	2400	2600
	10	145	74	2613								
	13	189	66	2330								
DH-450ZW	8	116	95.9	3386	450	600	82±3	DN150	9200	4200	2400	2600
	10	145	84.1	2970								
	13	189	72	2542								
DH-500ZW	8	116	103	3637	500	670	85±3	DN200	10500	4200	2400	2600
	10	145	95.5	3372								
	13	189	77.8	2747								
DH-560ZW	8	116	120	4237	560	750	85±3	DN200	11000	4200	2400	2600
	10	145	103.1	3640								
	13	189	90	3178								

Note：DH-280ZW and above are water-cooled types, and there are no other unconventional air-cooled types, and the whole series can be customized water-cooled types.

DHLV-Z series

Low pressure permanent magnet double frequency two-stage compression screw air compressor

Custom-designed secondary compression and low pressure special host, permanent magnet synchronous motor efficiency reached IE5 level, low pressure special oil and gas separation system design, lower oil content, silent centrifugal fan configuration, host fan double frequency design, increase the cooler side suction top row design, cold and hot partition design, man-machine AC interface touch screen microcomputer controller real-time monitoring operation status.

Customized secondary compression low-voltage dedicated host

Permanent magnet synchronous motor efficiency Reach IE5 level

Design of low-pressure special oil and air separation system

Silent centrifugal fan design

Host fan dual frequency conversion design

Enlarged cooler side ceiling row design

Hot and cold zone design

Monitor operating status in real time

DHLV-Z series	Working pressure		Capacity		power		noise	Air outlet pipe diameter	net weight	Dimensions(mm)			efficiency	
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height	rotating speed	note
DHLV-55Z	4.0-5.0	58-73	4.3-14.5	152-512	55	75	65±3	DN65	3500	2420	1530	1720	1500	Energy-saving type
DHLV-75Z	4.0-5.0	58-73	5.8-19.5	205-689	75	100	68±3	DN65	3750	2420	1530	1720	1500	Energy-saving type
DHLV-90Z	4.0-5.0	58-73	7.2-24.2	254-855	90	120	70±3	DN80	3800	2800	1700	1950	1500	Energy-saving type
DHLV-110Z	4.0-5.0	58-73	8.2-27.5	290-971	110	150	72±3	DN80	4200	2820	1730	2100	1500	Energy-saving type
DHLV-132Z	4.0-5.0	58-73	10.2-34.5	360-1218	132	175	74±3	DN125	5000	2820	1730	2100	1500	Energy-saving type
DHLV-160Z	4.0-5.0	58-73	12.6-42.2	445-1490	160	215	75±3	DN125	5900	3450	2000	2050	1500	Energy-saving type
DHLV-200Z	4.0-5.0	58-73	15.7-52.5	554-1854	200	270	76±3	DN150	7800	3800	2250	2350	1500	Energy-saving type
DHLV-220Z	4.0-5.0	58-73	17.3-58	611-2048	220	300	78±3	DN150	8000	3800	2250	2350	1500	Energy-saving type
DHLV-250Z	4.0-5.0	58-73	18.8-63.1	664-2228	250	350	78±3	DN150	8100	3800	2250	2350	1500	Energy-saving type
DHLV-280Z	4.0-5.0	58-73	22.3-74.8	788-2642	280	375	80±3	DN150	8500	4600	2350	2650	1500	Energy-saving type

DREAM

DHLV-G series

Low pressure permanent magnet double frequency single stage compression screw air compressor

Large rotor low speed and low voltage special host, permanent magnet synchronous motor efficiency reaches IE5 level, low pressure special oil and gas separation system design, lower oil content, silent centrifugal fan configuration, host fan double frequency conversion design, increase the cooler side suction top row design, hot and cold partition design, man-machine AC interface touch screen microcomputer controller real-time monitoring operation status.

Large rotor low speed and low pressure special host

The efficiency of permanent magnet synchronous motor reaches IE5 level

Design of low-pressure special oil and air separation system

Silent centrifugal fan design

Host fan dual frequency conversion design

Enlarged cooler side ceiling row design

Hot and cold zone design

Monitor operating status in real time

DM/HLV-G series	Working pressure		Capacity		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)			Energy efficiency	
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height	Rotational speed	note
DMLV-22G	2.1-3	30-44	1.8-6.5	64-230	22	30	59±3	DN50	1330	1415	1030	1330	3300	Standard
DHLV-37G	2.1-3	30-44	3.4-11.6	120-410	37	50	62±3	DN65	1420	1900	1200	1650	3100	Energy -saving models
DHLV-55G	2.1-3	30-44	5.1-17.2	180-607	55	75	65±3	DN80	2100	2160	1450	1750	1500	Energy -saving models
DMLV-55G	2.1-3	30-44	4.6-15.8	162-558	55	75	65±3	DN80	1900	2160	1450	1750	2700	Standard
DHLV-75G	2.1-3	30-44	7.2-24.2	253-855	75	100	68±3	DN125	2830	2900	1830	2000	2100	Energy -saving models
DMLV-75G	2.1-3	30-44	6-20.5	212-724	75	100	68±3	DN125	2700	2900	1830	2000	3000	Standard
DHLV-90G	2.1-3	30-44	8.9-30	314-1059	90	120	70±3	DN125	4000	2900	1830	2000	1500	Energy -saving models
DMLV-90G	2.1-3	30-44	7.2-24.2	254-855	90	120	70±3	DN125	3800	2900	1830	2000	3000	Standard
DHLV-110G	2.1-3	30-44	10.9-36.5	385-1289	110	150	72±3	DN125	4600	2900	1830	2000	1800	Energy -saving models
DMLV-110G	2.1-3	30-44	9.6-32.4	339-1144	110	150	72±3	DN125	4000	2900	1830	2000	3000	Standard
DHLV-132G	2.1-3	30-44	14.2-47.6	501-1681	132	175	74±3	DN150	5000	3400	2050	2250	1500	Energy -saving models
DMLV-132G	2.1-3	30-44	11.3-37.9	399-1338	132	175	74±3	DN125	4800	2900	1830	2000	2700	Standard
DMLV-160G	2.1-3	30-44	12.8-42.8	452-1511	160	215	75±3	DN150	4800	3500	2030	2230	3000	Standard
DHLV-160G	2.1-3	30-44	15.7-52.7	554-1861	160	215	75±3	DN200	6200	4250	2280	2550	1650	Energy -saving models
DHLV-185G	2.1-3	30-44	19.1-63.8	645-2253	185	250	76±3	DN200	7000	4250	2280	2550	2000	Energy -saving models
DHLV-200G	2.1-3	30-44	21-70.2	742-2479	200	270	76±3	DN200	8000	4250	2280	2550	2300	Energy -saving models
DHLV-250G	2.1-3	30-44	27.5-80	972-2830	250	350	77±3	DN200	8200	4400	2300	2200	2000	Energy -saving models

Note：Including standard version + energy-saving version

DHV-G/A series

Permanent magnet variable frequency single stage compression screw air compressor

Stable air pressure, no impact to start, variable flow control, AC power supply voltage adaptability better. Silent centrifugal fan, energy saving constant pressure output, oil cooled permanent magnet variable frequency motor that can reach IP65, large cooler design, hot and cold partition, man-machine AC interface touch screen controller real-time monitoring operation status.

Quiet, energy saving Constant voltage output

Silent centrifugal fan

Man-machine AC interface touch screen controller real-time monitoring operation status

IP65 oil cold forever Magnetic variable frequency motor

Super large cooler design

Cold and hot zone design

DHV-G series	Working pressure		Capacity		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DHV-7A	8	116	0.2-1.2	7-42	7.5	10	55±3	G3/4"	150	690	540	980
	10	145	0.2-1.0	7-35								
	13	189	0.2-0.8	7-28								
DHV-11A	8	116	0.5-1.9	17-67	11	15	57±3	G1"	200	870	600	1230
	10	145	0.3-1.6	11-57								
	13	189	0.3-1.2	11-42								
DHV-15A	8	116	0.6-2.5	21-88	15	20	58±3	G1"	250	870	600	1230
	10	145	0.5-1.9	17-67								
	13	189	0.5-1.76	17-62								
DHV-22A	8	116	0.9-3.8	32-134	22	30	59±3	G1"	280	870	600	1230
	10	145	0.9-3.3	32-117								
	13	189	0.7-2.57	25-91								
DHV-37A	8	116	1.7-6.8	60-240	37	50	62±3	G1 1/2"	450	1040	720	1400
	10	145	1.5-5.6	53-198								
	13	189	1.4-4.8	45-169								
DHV-15Gi	8	116	0.6-2.5	21-88	15	20	58±3	G1"	250	870	600	1230
	10	145	0.5-1.9	17-67								
	13	189	0.5-1.76	17-62								
DHV-22Gi	8	116	0.9-3.8	32-134	22	30	59±3	G1"	280	870	600	1230
	10	145	0.9-3.3	32-117								
	13	189	0.7-2.57	25-91								
DHV-37Gi	8	116	1.7-6.8	60-240	37	50	62±3	G1 1/2"	450	1040	720	1400
	10	145	1.5-5.6	53-198								
	13	189	1.4-4.8	45-169								
DHV-45Gi	8	116	3.2-8.1	113-286	45	60	63±3	G2"	950	1476	1083	1360
	10	145	2.8-7	99-247								
	13	189	2.2-5.6	79-198								
DHV-55Gi	8	116	2.6-10.6	92-374	55	75	65±3	G2"	1050	1476	1083	1360
	10	145	3.5-8.8	124-311								
	13	189	3.0-7.7	106-242								
DHV-75Gi	8	116	5.6-13.3	198-470	75	100	67±3	G2"	1150	1476	1083	1360
	10	145	4.2-12.1	171-427								
	13	189	4.0-9.9	140-350								

DREAM

DMV-G series

Permanent magnet variable frequency single stage compression screw air compressor

It has the characteristics of high volumetric efficiency, low exhaust pressure and low noise. In the case of the same power, small size, light weight. The efficiency of permanent magnet synchronous motor reaches IE5 level, and the man-machine AC interface touch screen microcomputer controller monitors the running status in real time.

IE5

Permanent magnet synchronous motor efficiency Reach IE5 level

Touch screen microcomputer controller monitors operating status in real time

Top row cooling air design

Low noise,stable and economical

Constant voltage output is easy to maintain

Extra large cooler design

DMV-G series	Working pressure		Capacity		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DMV-55G	8	116	4.1-10.2	144-360	55	75	68±3	G 2″	1000	1800	1170	1400
	10	145	3.5-8.8	124-311								
	13	189	3-7.7	106-242								
DMV-75G	8	116	5.6-13.3	198-470	75	100	72±3	G 2″	1100	1800	1170	1400
	10	145	4.8-12.1	171-427								
	13	189	4-9.9	140-350								
DMV-90G	8	116	6.4-16	226-565	90	120	72±3	G 2″	1600	2200	1400	1580
	10	145	5.5-13.8	195-487								
	13	189	5-12.5	177-441								
DMV-110G	8	116	8.1-20.3	287-717	110	150	74±3	G2 1/2"	1700	2200	1400	1580
	10	145	7-17.6	249-622								
	13	189	6.2-15.4	218-544								
DMV-132G	8	116	9.6-23.6	339-833	132	175	74±3	G2 1/2"	1850	2200	1400	1580
	10	145	8.4-21	297-742								
	13	189	6.7-16.7	236-590								
DMV-160G	8	116	11.3-28.3	400-999	160	215	77±3	DN80	2800	2650	1488	1900
	10	145	10--25	353-883								
	13	189	8.4-21.1	298-745								
DMV-185G	8	116	12.8-31.9	451-1127	185	250	77±3	DN80	3100	2650	1488	1900
	10	145	11.4-28.5	403-1006								
	13	189	9.9-24.8	350-876								
DMV-200G	8	116	13.7-34.7	484-1225	200	270	77±3	DN80	3200	2650	1488	1900
	10	145	13-32.6	461-1151								
	13	189	11.2-28	396-989								
DMV-250G	8	116	18.1-44.1	639-1557	250	350	78±3	DN100	4200	3000	1740	2100
	10	145	14.6-36.5	516-1289								
	13	189	13.5-34	477-1201								

DREAM

DM-G series

Power frequency single stage compression screw air compressor

The design idea of "big rotor, big bearing, low speed" is adopted to reduce noise and vibration and increase the life and stability of the main engine. The tooth surface is machined by rotor grinder to create a high-precision rotor. The new 5:6 asymmetric rotor tooth type is adopted to increase the exhaust volume by 5%-10%. YE3 High efficiency motor, man-machine AC interface touch screen microcomputer controller.

YE3 High efficiency motor

Man-machine interface touch screen microcomputer controller

Top row cooling air design

Low noise,stable and economical

Easy maintenance

Extra large cooler design

DM-G series	Working pressure		Capacity (one decimal place)		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DM-22G	8	116	3.8	134	22	30	62±3	G1 1/4″	450	1310	710	1050
	10	145	3.3	117								
	13	189	2.8	99								
DM-30G	8	116	5.4	191	30	40	65±3	G1 1/4″	580	1475	1060	1330
	10	145	4.9	173								
	13	189	3.8	134								
DM-37G	8	116	6.6	233	37	50	65±3	G1 1/4″	680	1475	1060	1330
	10	145	5.9	208								
	13	189	4.3	152								
DM-45G	8	116	8.0	283	45	60	68±3	G1 1/2"	750	1475	1060	1330
	10	145	7.0	247								
	13	189	5.6	198								
DM-55G	8	116	10.2	360	55	75	68±3	G2″	1100	1800	1170	1400
	10	145	8.8	311								
	13	189	7.7	272								
DM-75G	8	116	13.2	466	75	100	72±3	G2″	1200	1800	1170	1400
	10	145	12.0	424								
	13	189	9.8	346								
DM-90G	8	116	16.0	565	90	120	72±3	G2″	1700	2200	1400	1580
	10	145	13.8	487								
	13	189	12.5	441								
DM-110G	8	116	20.3	717	110	150	74±3	G2 1/2"	1800	2200	1400	1580
	10	145	17.6	622								
	13	189	15.4	544								
DM-132G	8	116	23.6	833	132	175	74±3	G2 1/2"	2050	2200	1400	1580
	10	145	21.0	742								
	13	189	16.7	590								
DM-160G	8	116	28.3	999	160	215	77±3	DN80	3200	2650	1488	1900
	10	145	25.0	883								
	13	189	21.1	745								
DM-185G	8	116	31.9	1127	185	250	77±3	DN80	3600	2650	1488	1900
	10	145	28.5	1006								
	13	189	24.8	876								
DM-200G	8	116	34.4	1215	200	270	77±3	DN80	3800	2650	1488	1900
	10	145	32.6	1151								
	13	189	28.0	989								
DM-250G	8	116	44.0	1554	250	350	78±3	DN100	4880	3000	1740	2100
	10	145	36.3	1282								
	13	189	33.8	1194								
DM-280W	8	116	48.5	1713	280	375	80±3	DN100	4950	3350	2060	2150
	10	145	44.6	1575								
	13	189	38.2	1349								
DM-315W	8	116	54.0	1907	315	422	82±3	DN125	6300	3700	2400	2300
	10	145	48.5	1713								
	13	189	44.5	1572								
DM-355W	8	116	61.0	2154	355	476	82±3	DN125	6500	3700	2400	2300
	10	145	53.9	1903								
	13	189	48.2	1702								

Note：DM-280W，DM-315W，DM-355WWater-cooled models, others air-cooled models

DHV-SAT series

Full-performance integrated permanent magnet variable frequency screw air compressor

Integrated four-in-one design compact structure, easy to install, connect the power supply and gas pipe can be used, simple maintenance, frequency conversion constant pressure design, reduce waste, 420L large gas storage tank design, equipped with DHV-A series air compressor, low noise operation.

Compact structure and easy installation

Just connect the power supply and air pipe to use

Easy maintenance

Frequency conversion and constant voltage design reduces waste

Large air tank design

Equipped with DHV-A series air compressor for low-noise operation

DH(V)-SAT series	Working pressure		Capacity		power		noise	Air outlet pipe diameter	net weight	dimensions(mm)		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		kg	length	width	height
DHV-7SAT	8	116	0.2-1.2	7-42	7.5	10	60±3	G1″	475	1780	800	1637
	10	145	0.2-1.0	7-35								1638
	13	189	0.2-0.8	7-28								1639
DHV-11SAT	8	116	0.3-1.9	17-67	11	15	62±3	G1″	485	1780	800	1640
	10	145	0.3-1.6	11-57								1641
	13	189	0.3-1.2	11-42								1642
DHV-15SAT	8	116	0.6-2.5	21-88	15	20	62±3	G1″	500	1780	800	1887
	10	145	0.5-1.9	17-67								1887
	13	189	0.5-1.76	17-62								1887
DHV-22SAT	8	116	0.9-3.8	32-134	22	30	64±3	G1″	530	1780	800	1887
	10	145	0.9-3.3	32-117								1887
	13	189	0.7-2.57	25-91								1887

DREAM

Portable air compressor

DMY series

Mobile screw air compressor

Mobile air compressors are small in size, light in weight, easy to transfer and install, and can be used in different workplaces. Simple structure, low maintenance cost, more convenient maintenance. The use of high-quality parts, can provide high performance, high efficiency, high stability of the work.

Flexible walking system

All the advantages of screw machine

Two axle moving platform

Higher efficiency

Electric single stage compression mobile screw air compressor

DMY-G series	power	Working pressure	Capacity	Air outlet pipe diameter	net weight	form	dimensions(mm)		
	kW	bar	(m^3/min)		kg		length	width	height
DMY-30G-8	30	8	5.0	G1″+G1.5″	485	Single stage	1620	860	1100
DMY-90G-14.5	90	14.5	13.0	G1″+G1.5″	1800	Single stage	2550	1400	1800
DMY-132G-17	132	17	15.0	G1″+G2″	2480	Single stage	3100	1700	2050
DMY-110G-8	110	8	20.0	G1″+G2″	2500	Single stage	3100	1700	2050
DMY-132G-8	132	8	24.0	G1″+G2″	2600	Single stage	3100	1700	2050
DMY-185G-13	185	13	26.0	G1″+G2″	3500	Single stage	3500	1950	2650

Electric two-stage compression mobile screw air compressor

DMY-Z series	power	Working pressure	Capacity	Air outlet pipe diameter	net weight	form	dimensions(mm)		
	kW	bar	(m^3/min)		kg		length	width	height
DMY-90Z-13.8	90 (Four-stage machine)	13.8	18.0	G1″+G2″	2690	Double stage	3100	1700	2050
DMY-90Z-14.5	90 (Four-stage machine)	14.5	18.0	G1″+G2″	2690	Double stage	3100	1700	2050
DMY-90Z-15	90 (Four-stage machine)	15	17.0	G1″+G2″	2690	Double stage	3100	1700	2050
DMY-132Z-18	132	18	21.0	G1″+G2″	2700	Double stage	3100	1700	2050
DMY-132Z-19	132	19	22.0	G1″+G2″	2800	Double stage	3100	1700	2050
DMY-185Z-24	185 (Four-stage machine)	24	23.0	G1″+G2″	3300	Double stage	3500	1950	2650
DMY-185Z-18	185 (Four-stage machine)	18	28.0	G1″+G2″	3300	Double stage	3500	1950	2650
DMY-200Z-20	200	20	26.0	G1″+G2″	3400	Double stage	3500	1950	2650
DMY-250Z-20	250	20	30.0	G1″+G2″	4000	Double stage	3600	1950	2650

Diesel single stage compression mobile screw air compressor

DMCY series	Matching power	Working pressure	Capacity	Air outlet pipe diameter	net weight	form	dimensions(mm)		
	kW	bar	(m^3/min)		kg		length	width	height
DMCY-13/8	150 Yuchai	8	13.0	G1″+G1.5″	2500	Single stage	2900	1700	1800
DMCY-10/10	150 Yuchai	10	10.0	G1″+G1.5″	2500	Single stage	2900	1700	1800
DMCY-18/13	190 Yuchai	13	18.0	G1″+G1.5″	2550	Single stage	2900	1700	1800
DMCY-15/15	190 Yuchai	15	15.0	G1″+G1.5″	2550	Single stage	2900	1700	1800
DMCY-16/17	210 Cummins	17/14	16/18	G1″+G2″	2750	Single stage	3100	1700	2250
DMCY-17/17	220 Yuchai	17/14	17/18	G1″+G2″	2750	Single stage	3100	1700	2250
DMCY-19/17	260 Yuchai	17	19.0	G1″+G2″	3000	Single stage	3300	1900	2650

Diesel-driven two-stage compression mobile screw air compressor

DMCY series	Matching power	Working pressure	Capacity	Air outlet pipe diameter	net weight	form	dimensions(mm)		
	kW	bar	(m^3/min)		kg		length	width	height
DMCY-15/17	190 Yuchai	17/13	15/17	G1″+G2″	3000	Dual stage and dual operating conditions	3100	1700	2050
DMCY-18/18	220 Yuchai	18/14	18/20	G1″+G2″	3000	Dual stage and dual operating conditions	3100	1700	2050
DMCY-17/18	220 Cummins	18/14	17/19	G1″+G2″	3100	Dual stage and dual operating conditions	3100	1700	2050
DMCY-20/22	260 Cummins	22	20.0	G1″+G2″	3200	Double stage	3300	1900	2250
DMCY-19/21	260 Yuchai	21/17	19/21	G1″+G2″	3300	Dual stage and dual operating conditions	3300	1900	2250
DMCY-21/18	260 Yuchai	18/14	21/24	G1″+G2″	3300	Dual stage and dual operating conditions	3300	1900	2250
DMCY-28/18	360 Cummins	18/15	28/30	G1″+G2″	3900	Dual stage and dual operating conditions	3500	1950	2650
DMCY-30/20	360 Cummins	20/15	30/31	G1″+G2″	3900	Dual stage and dual operating conditions	3500	1950	2650
DMCY-31/25	400 Cummins	25/18	31/33	G1″+G2″	4000	Dual stage and dual operating conditions	3600	1950	2750
DMCY-29/23	400 Yuchai	23/18	29/32	G1″+G2″	4000	Dual stage and dual operating conditions	3600	1950	2700
DMCY-36/30	550 Cummins	30/20	36/42	G1″+G2″	4800	Dual stage and dual operating conditions	4000	2000	2850
DMCY-20/8	220 Yuchai	8	20.0	G1″+G2″	2700	Double stage	3100	1700	2050
DMCY-27/8	260 Yuchai	8	27.0	G1″+G2″	3300	Double stage	3300	1900	2250
DMCY-25/10	260 Yuchai	10	25.0	G1″+G2″	3300	Double stage	3300	1900	2250
DMCY-33/10	360 Cummins	10	33.0	G1″+G2″	3900	Double stage	3500	1950	2650

Compressed air purification equipment

05

DM-XZH series
intelligent combination dryer

02

DM-GZW series
high-temperature freeze
dryer (water-cooled)

01

DM-GZA series
high-temperature freezing
dryer (air-cooled)

03

DM-XSF series
micro heat regeneration
adsorption dryer

04

DM-XWF series
non heat regeneration
adsorption dryer

06

Compressed air storage tank

07

Compressed air precision filter

(Inlet temperature)：≤80°C
(Pressure drop) :≤0.03Mpa
(Cooling method)： Air cooling
(Dew point)： 2~10°C
(Inlet pressure)： 0.6~1.0Mpa
(Refrigerant):R22

DM-GZA series

High temperature refrigerated dryer (air cooling)

Refrigeration compressor adopts high temperature completely enclosed refrigeration compressor. The heat exchanger and condenser are made of high quality and efficient threaded tubes with high heat transfer coefficient, so the volume is small and the structure is compact. Cylinder material selection stainless steel or carbon steel galvanized, can avoid the secondary pollution of compressed air. Equipment structure design is reasonable, easy to maintain, box shape, beautiful and generous. No foundation installation.

Counter flow cooling design
Adapt to high intake
air temperatures

Complete air-liquid
separation

low dew point

Regular drainage

Customize zero air
consumption Exhaust

Joint venture brand
Refrigeration compressor

DM-GZA series	air handling capacity	power supply	Compressor power	Air outlet pipe diameter	Equipment weight	dimensions(mm)		
	Nm³ /min	V/Hz	HP		kg	length	width	height
DM-1GZA	1.5	220/50	0.85	ZG1" (Inside screw thread)	60	750	400	700
DM-2GZA	2.6	220/50	1	ZG1" (Inner silver striation)	80	800	450	730
DM-4GZA	4	220/50	1.25	ZG1.5" (Inside screw thread)	105	800	475	800
DM-6GZA	6.5	220/50	1.75	ZG1.5" (Inner silver striation)	136	950	500	880
DM-8GZA	8.5	220/50	2	ZG2" (Inner silver striation)	165	1060	560	983
DM-10GZA	11	380/50	3	ZG2" (Inside screw thread)	195	1180	630	1092
DM-13GZA	13.8	380/50	3.5	ZG2" (Inner silver striation)	255	1180	670	1092
DM-16GZA	17	380/50	4	DN65	300	1240	670	1188
DM-20GZA	23	380/50	5	DN80	385	1420	790	1340
DM-25GZA	27	380/50	6	DN80	400	1650	820	1370
DM-30GZA	35	380/50	8	DN80	550	1650	820	1370
DM-45GZA	45	380/50	10	DN100	630	1850	920	1550
DM-55GZA	55	380/50	12	DN125	680	1980	930	1816
DM-65GZA	65	380/50	15	DN125	720	1980	930	1816

(Inlet temperature)：≤80℃
(Dew point) :2~10℃
(Cooling method)： water-cooling
(Coling water inlet temperature)：≤ 32℃
(Inlet pressure)： 0.6~1.0Mpa
(Refrigerant):R22
(Pressure drop)：≤0.03Mpa
(Cooling water inlet pressure)：0.2~0.4Mpa

DM-GZW series

high-temperature freeze dryer (water-cooled)

Using industrial circulating water as the cooling medium for refrigeration systems,-suitable for use in high-temperature environments. The heat exchange adopts a counter current design,with high heat transfer efficiency and small volume.

Water cooled design,suitable for harsh working conditions,more stable compared to air cooling

Thorough air-liquid separation

Low dew point

Timed drainage

Customizable zero air consumption exhaust device

Joint venture brand Refrigeration compressor

DM-GZW series	Air handling capacity	source	Compressor power	Cooling water flow rate	Air outlet pipe diameter	net weight	dimensions(mm)		
	Nm^3/min	V/Hz	HP	m^3/h		kg	length	width	height
DM-16GZW	17	380/50	4	3.7	DN65	360	1240	670	1180
DM-20GZW	23	380/50	5	4.5	DN80	420	1420	790	1340
DM-25GZW	27	380/50	6	6	DN80	550	1420	800	1345
DM-30GZW	35	380/50	7.4	7.4	DN80	640	1650	820	1370
DM-45GZW	45	380/50	10	9	DN100	730	1850	920	1500
DM-55GZW	55	380/50	12	11	DN125	830	1980	920	1816
DM-65GZW	65	380/50	15	12.5	DN125	1020	1980	920	1816
DM-85GZW	85	380/50	20	14.5	DN125	1600	2480	1350	2070
DM-100GZW	110	380/50	25	16.5	DN150	2400	2480	1440	2070
DM-150GZW	160	380/50	37	21.5	DN200	2750	2650	1550	2193
DM-200GZW	210	380/50	50	36	DN200	3600	3450	1725	2380

(Purge air)：≤4%-6%
(Desiccant)：(Activated aluminum Or molecular sieve)
(Working pressure)：0.4~1.0Mpa
(Inlet oil content):≤0.01ppm
(Worling periods)：T=60-180 minutes
(Pressure dew point):-20℃~-70℃
(Inlet temperature):0℃~45℃

DM-XSF series

Micro-Heat Regeneration Desiccant Air Dryer

The advanced single-chip microcomputer control technology is adopted to realize the automatic control of operation. The pipeline design is reasonable, the installation is simple, and the operation and maintenance are convenient. Pneumatic film cut-off valve (or pneumatic butterfly valve), switching balance, accurate and reliable action. The regeneration process is divided into two steps: heating regeneration and cooling regeneration, which can maintain a stable low dew point.

Advantages of integrated pressure swing adsorption and temperature swing adsorption

Specific layered design

Low air consumption

Low dew point design

DM-XSF series	Air capacity	Heater power	Power source	Air outlet pipe diameter	net weight	dimensions(mm)		
	Nm³/min	kw	V/Hz		kg	length	width	height
DM-1XSF	1.5	1.2	220/50	ZG1" (Inside screw thread) 145	145	750	400	1440
DM-2XSF	2.6	1.5	220/50	ZG1" (Inner silver striation) 195	195	750	400	1640
DM-3XSF	3.8	2.1	220/50	ZG1.5" (Inside screw thread) 285	285	1000	500	1518
DM-6XSF	6.5	3	380/50	ZG1.5" (Inside screw thread) 420	420	1000	450	1950
DM-8XSF	8.5	4	380/50	ZG1.5" (Inside screw thread) 550	550	1100	500	1910
DM-10XSF	11	4.5	380/50	ZG2" (Inner nickel groove) 650	650	1150	500	2050
DM-13XSF	13.8	5	380/50	ZG2" (Inner silver striation) 750	750	1200	550	2100
DM-18XSF	18	5.5	380/50	DN65	760	1515	600	2525
DM-20XSF	23	6	380/50	DN65	930	1680	700	2330
DM-25XSF	28	8	380/50	DN80	990	1600	700	2610
DM-30XSF	35	10	380/50	DN80	1380	1700	750	2635
DM-40XSF	45	12	380/50	DN100	1620	2135	850	2720
DM-50XSF	55	15	380/50	DN100	1950	2185	900	2780
DM-60XSF	65	18	380/50	DN100	2320	2200	950	2805
DM-80XSF	85	24	380/50	DN125	2880	2700	1100	2925

(Purge air) : ≤12~15%
(Working pressure) :0.6~1.0Mpa
(Inlet oil content):≤0.1mg/m³
(Pressure dew point):-20℃~-70℃

DM-XWF series

Heatless Regeneration Desiccant Air Dryer

The advanced single-chip microcomputer control technology is adopted to realize the automatic control of operation. The pipeline design is reasonable, the installation is simple, and the operation and maintenance are convenient. Pneumatic film cut-off valve (or pneumatic butterfly valve), switching balance, accurate and reliable action. The regeneration process is divided into two steps: heating regeneration and cooling regeneration, which can maintain a stable low dew point.

Integrating the advantages of pressure swing adsorption and temperature swing adsorption

Unique layered design

Low air consumption and no heating

Low dew point design

DM-XWF series	Air capacity	power supply	Air outlet pipe diameter	net weight	dimensions(mm)		
	Nm³/min	V/Hz		kg	length	width	height
DM-1XWF	1.5	220/50	ZG1"	125	750	350	1440
DM-2XWF	2.6	220/50	ZG11"	180	750	350	1640
DM-3XWF	3.8	220/50	ZG1.5"	285	1000	500	1518
DM-6XWF	6.5	220/50	ZG1.5"	420	1000	450	1950
DM-8XWF	8.5	220/50	ZG2"	550	1100	500	1910
DM-10XWF	11	220/50	ZG2"	650	1150	1200	1250
DM-13XWF	13.8	220/50	ZG2"	750	1200	550	2100
DM-15XWF	16	220/50	DN65	860	1250	575	2160
DM-20XWF	23	220/50	DN65	890	1500	700	2230
DM-25XWF	28	220/50	DN80	950	1600	700	2500
DM-30XWF	35	220/50	DN80	1320	1700	750	2525
DM-40XWF	45	220/50	DN100	1550	2000	850	2690
DM-50XWF	55	220/50	DN100	1880	2050	900	2720
DM-60XWF	65	220/50	DN100	2250	2285	950	2745
DM-85XWF	85	220/50	DN125	2810	2700	1100	2835
DM-110XWF	110	220/50	DN150	4150	3000	1700	2897
DM-130XWF	140	220/50	DN150	4980	3000	1700	2950
DM-150XWF	160	220/50	DN200	6250	3020	1955	3212
DM- 180XWF	190	220/50	DN200	6460	3220	1955	3270
DM-200XWF	210	220/50	DN200	7280	3700	2000	3358
DM-230XWF	240	220/50	DN200	8520	3700	2000	3770

(Inlet pressure)：≤0.6~1.0Mpa
(Inlet temperature)：≤45°C
(Purge air):≤3~5°C
(Pressure dew point):-40°C~-70°C
(Cooling Water temperature)：≤32°C
(Pressure drop) :≤0.05Mpa

DM-XZH series

intelligent combination dryer

There is a stable outlet dew point and a lower and more stable pressure dew point. The large capacity of the desiccant ensures that the air and the desiccant have sufficient contact space to fully absorb water. Minimal regenerative air consumption. Long service life of adsorbent, unique design of removable stainless steel diffuser, uniform distribution of gas in the tower, to avoid the wear of adsorbent after ditch flow.

Integrated design of cold dryer and suction dryer

Small volume

No need to install intermediate pipelines

Lower pressure dew point for greater stability

DM-XZH series	Air capacity	Cooling water flow rate	Air outlet pipe diameter	net weight	dimensions(mm)		
	Nm^3/min	m^3/h		kg	length	width	height
DM-1XZH	1.5		ZG1" (Inside screw thread)	295	980	750	1455
DM-2XZH	2.6		ZG1" (Inside screw thread)	350	980	800	1655
DM-3XZH	3.8	Air-cooled	ZG1 1/2" (Inside screw thread)	485	1200	1000	1535
DM-6XZH	6.5		DN50	655	1200	1000	1995
DM-10XZH	11		DN65	750	1460	1180	2065
DM-16XZH	17	3	DN80	950	1800	1320	2205
DM-20XZH	23	3.5	DN80	1220	1750	1800	2150
DM-30XZH	33	6	DN100	1460	2050	1650	2450
DM-40XZH	45	7.4	DN125	1980	2420	1830	2706
DM-50XZH	55	8	DN125	2500	2520	1900	2750
DM-60XZH	65	10	DN125	2950	2550	1900	2780
DM-80XZH	85	12	DN150	3550	2650	2400	2800

Compressed air precision filter

Filter using high-quality cast aluminum shell, as well as hydrophobic and oleophobic better imported material filter element, filter bureau has corrosion resistance, good permeability, high filtration efficiency, good air tightness characteristics, suitable for all kinds of compressed gas conditions.

Fiber folding filter element

Large filtration area

O-ring seal

Filter type	air handling capacity	Air nozzle diameter	weight	dimensions(mm)	
	Nm³/min		kg	length	width
DQ/P/S/A/H-001	1.72	G1"(Inner silver striation)	1.3	290	104
DQ/P/S/A/H-002	2.6	G1"(Right rib)	1.32	290	104
DQ/P/S/A/H-003	3.8	G1 1/2"(Inner silver striation)	2.43	370	125
DQ/P/S/A/H-006	7.2	G1 1/2"(Inner silver striation)	2.9	495	125
DQ/P/S/A/H-010	11	G2"(Inner silver striation)	4.14	593	138
DQ/P/S/A/H-013	15	DN65	8	748	161
DQ/P/S/A/H-020	20	DN65	8.23	1008	161
DQ/P/S/A/H-025	25	DN80	31.5	1120	376
DQ/P/S/A/H-030	30	DN80	34	1160	376
DQ/P/S/A/H-040	45	DN100	67	1250	400
DQ/P/S/A/H-050	55	DN125	78	1250	450
DQ/P/S/A/H-060	66	DN125	90	1280	450
DQ/P/S/A/H-080	88	DN125	145	1350	450
DQ/P/S/A/H-100	110	DN150	150	1350	540
DQ/P/S/A/H-130	132	DN150	180	1350	612
DO/P/S/A/H-150	154	DN200	215	1350	612
DQ/P/S/A/H-180	180	DN200	240	1450	662
DQ/P/S/A/H-200	200	DN200	360	1750	662

water-cooled

The design structure of the air storage tank makes the air storage process more stable,and can cope with air pressure fluctuations under different working conditions to ensure the stable operation of the system. The air storage tank can flexibly adjust the pressure of the released air by adjusting the pressure control mechanism of the intake and outlet. It is suitable for different working scenarios and can meet the requirements of different devices.

material:

Carbon steel:Q253B/Q345R
stainless steel:S30408

Reliable and durable pressure vessel

solid

non-corrosive

Specifications	Design temperature	Total container height	Container bore	Air inlet			Air outlet		
Volume/pressure	°C	Height	ϕ	H2	DN	threaded	H3	DN	threaded
0.3/0.8	110	1530	550	542	50	Rp1 1/2"	1142	50	Rp1 1/2"
0.3/1.0		1530		542			1142		
0.3/1.3		1530		542			1142		
0.3/1.6		1530		542			1142		
0.6/0.8	110	1965	650	552	50	Rp1 1/2"	1552	65	Rp1 1/2"
0.6/1.0		1907		552			1552		
0.6/1.3		1909		552			1552		
0.6/1.6		2086		552			1552		
1.0/0.8	110	2150	800	640	65	Rp2"	690	65	Rp2"
1.0/1.0		2150		640			690		
1.0/1.3		2150		640			690		
1.0/1.6		2150		640			691		
1.5/0.8	110	2265	950	747	65	Rp2"	1807	65	Rp2"
1.5/1.0		2265		747			1807		
1.5/1.3		2265		747			1807		
1.5/1.6		2565		749			1809		
2.0/0.8	110	2780	1000	760	80	Rp2"	2320	80	Rp2"
2.0/1.0		2780		760			2320		
2.0/1.3		2782		761			2321		
2.0/1.6		2786		763			2323		
2.5/0.8	110	3300	1000	760	80	/	2840	80	/
2.5/1.0		3300		760			2840		
2.5/1.3		3302		761			2841		
2.5/1.6		2836	800	788			2348		
3.0/0.8	110	2920	1200	850	80	/	2410	80	/
3.0/1.0		2922		851			2411		
3.0/1.3		2924		852			2412		
3.0/1.6		2926		853			2413		
4.0/0.8	110	3030	1400	910	100	/	2470	100	/
4.0/1.0		3032		911			2471		
4.0/1.3		3036		913			2473		
4.0/1.6		3040		915			2475		
5.0/0.8	110	3630	1400	910	100	/	2990	100	/
5.0/1.0		3632		911			2991		
5.0/1.3		3636		913			2993		
5.0/1.6		3640		915			2995		

Energy Conservation

Air compressors are the "electric tigers" in industrial electricity consumption,with an average power consumption of 20%. We have made a series of efforts and research on how to use the same electricity to create more air to help users save energy,and have made important breakthroughs. The permanent magnet variable frequency screw machine developed by the company can save users about 25-35% of electricity while ensuring the original work efficiency.

25%

Superior to energy-saving standards

intelligent control

Rust proof shell

Efficient and energy-saving

Constant current and stable voltage

Easy to use and worry free

reduce the noise

Energy saving and cost reduction

When purchasing an air compressor,the traditional cost (i.e. purchase cost+maintenance cost) only accounts for 7% of the total cost,while energy consumption accounts for 93%. The two-stage compression direct connection/permanent magnet screw air compressor saves 25-30% energy compared to ordinary (power frequency) air compressors.

—— aking 75KW as an example

Ordinary (power frequency) air compressor

Dream air compressor

Desmond 75KW air compressor
It saves about 25% of electricity a year