




## DMW(V)-G Series Oil-Free Screw Air Compressor

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Professional Air Compressor Solution Provider



Dream (Shanghai) Compressor Co.,Ltd.  
No.30 Caoli Road, jinshan district,  
Shanghai, China

Stability | Energy Saving | Efficiency | Silence

Specifications are subject to change without notice due to improvement in performance. Anything needed please contact us.

Energy Saving Enhances Value, Ingenuity Creates the Future!

# Dream Compressor

Create the first brand of energy-saving silent air compressor



*Stability  
Energy Saving*



## About Us

For more than a decade, Dream (Shanghai) Compressor Co., Ltd has been striving to become one of the leading manufacturers of compressed air solutions in China.

The dream is located in Xingta industrial zone, Shanghai Jinshan district with 25,000 square meter factory coverage, is specialized in designing, manufacturing and sales of air compressors and air treatment systems with an annual capacity of 10,000 units. Through years of efforts, its products have won wide recognition and acclaim from the domestic and oversea markets for high performance and reliability, durability and customer care.

The company fully complies with international standards in its production and management and has acquired (Quality Assurance) certificates of ISO9001, CE Certificate for European Market, UL & ASME

certificate for United States market and Class O certificate from TUV for our oil-free screw compressors, as well as a variety of other certificates in terms of environmental protection, safety, and electrical engineering.

- Our product lines covering the following areas:
- Oil-injected rotary screw compressors (Fixed speed and variable speed; high, normal and low pressure)
- Portable screw air compressors (Diesel-powered and electric motor powered)
- Oil-free air compressors (dry type, water-lubricated type)
- High-pressure piston air compressors (Oil-injected and oil-free)
- Air treatment equipment (Air dryers, air filters and air storage tank)

## Certificates



Dream Compressor has always been a leader in the field of compressor technology, and its products include fixed screw air compressors, mobile screw compressors, piston air compressors, air dryers, precision filters, etc., which are widely used in various industries. Dream oil-free full range of products have gained the German Rhine class 0 certification. Dream company has become the premier supplier of screw compressors and piston machines with its rich experience and continuous innovation technology. After efforts, Dream has been successfully accepted by the mainland market with a good reputation.



Covering 17 product series, 500+ products for customers to select, one-stop air compressor solution provider for various industries.





# Dry Oil Free Screw Air Compressor

## 01 Industry-leading original oil-free air end

1. The air compression chamber is completely separated from the oil chamber. The air compression chamber uses a stainless steel spring-loaded metal ring wear-free sealing system. The oil chamber has a wear-free sealing system with a copper labyrinth seal. The two do not contact ;
2. The compressed air passing through the cooler after the first stage of compression has inseparable water vapor. In order to prevent the water vapor from corroding the surface of the compressor's second-stage main machine rotor, the second-stage rotor is made of stainless steel, which is more reliable ;
3. The industry's first-class super coating (UITRACOAT) is applied to the rotor and compression chamber inner wall of the main machine. It can effectively prevent softening and shedding that are easy to occur with general coatings such as Teflon. It has excellent anti-corrosion and reduces meshing clearance. During the whole life cycle , there is no significant decrease in air volume ;
4. Filtered lubricating oil is used for cooling in the cabinet compartment of the air end. Efficient cooling, avoiding the scale caused by water cooling, thus improving the reliability of operation.



Oil jacket

## 02 Inverter control system

Large-size color LCD touch screen, with a good human-machine communication interface; custom vector inhuman, perfectly matched with the motor; special program, fully monitor the parameters of the machine, automatically control the state of the machine, no need for special care; independent air duct design, suitable for each kinds of working conditions.



## 03 Independent air intake system

Independent air intake to ensure that the intake air temperature is equal to the ambient temperature. Large-capacity air filter is used, which has better filtering effect, lower intake pressure loss, energy saving and high efficiency. Maintenance and replacement are more convenient.



## 04 Noise reduction sheet metal design

The multiple noise reduction design is calculated according to the noise theory. The special flame retardant muffer cotton is attached inside to reduce the noise of the unit and provide a quieter environment for use.



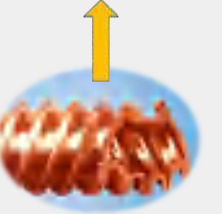
## 05 Silent centrifugal fan

Dream dry oil free screw air compressor adopts the latest centrifugal fan, which has large cooling air volume, low noise, stable and uniform wind pressure, so that the cooling area of the cooler is fully utilized, and the noise of the air compressor is greatly reduced by 6-8dB(A). Give customers a quiet environment.



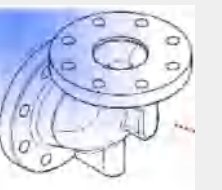
## 06 Efficient water cooler (for water cooling)

- Dream dry oil free screw air compressor water cooler uses a new type of threaded finned tube shell and tube heat exchanger. Compressed air goes inside the tube, cooling water goes to the shell side, and the tube nest is a new plum blossom copper tube, which is more conventional than water cooling. For the heater, the advantages are as follows ;
1. Compressed air goes through the tube, and the pressure bearing capacity of the outer finned tube is improved ;
  2. Cooling water walks on the shell side. Compared with the process selection in the walking pipe, the cooling water passes through multiple sets of baffle parts, the degree of turbulence increases, the probability of the formation of dirt attached to the pipe wall is reduced, the equipment cleaning cycle is extended, and the user's maintenance cost is reduced. ;
  3. The gas travels along the tube and the fins extend axially in the tube. Compared with the outer fins sweeping the wind, the pressure drop generated by the unit windward area is lower than that of the outer fins. It is safe and reliable to use, and the fins are not easy to fall off ;
  4. The installation of the heat exchanger is simple and the same as that of the conventional shell and tube heat exchanger ;
  5. The side of the tube is made of stainless steel to prevent corrosion and rust of the cooler due to high temperature and high pressure, which affects the life of the compressor and air quality ;
  6. The tube nest can be disassembled independently, which is convenient for users to maintain ;
  7. Compressed air goes to the tube side and water goes to the shell side to reduce the noise generated by compressed air.



## 07 Noise reduction venturi

The first and second stage air end of the air compressor all adopt the newly developed venturi muffler, and there is also an impedance integrated muffler, which can greatly eliminate the noise emitted by the compressor pipeline.



## 08 Reliable hydraulic intake valve

High-efficiency intake valve adopts hydraulic control, the work is more stable and reliable, avoiding the regular replacement of pneumatic components, reducing unnecessary downtime and maintenance costs.



# Water Lubricated oil-free Screw Air Compressor

## 01 Advanced water-lubricated screw air end

1. Made of stainless steel, there is no danger of rust or corrosion on the air end head ;
2. Using water as the compression seal and cooling medium, the air is cleaner after rinsing with water, and it can be pure and oil-free ;
3. The single screw air machine does not theoretically have a clearance volume. At the rated speed, it has excellent dynamic lubrication performance and high working efficiency ;
4. The axial and radial forces of the single screw are balanced, and the star wheel rotates freely with the screw under the lubrication of the water film. Therefore, the host components run smoothly under low load, ensuring low noise and durability.



## 02 High efficiency motor

1. Special motor for air compressor, imported bearings, protection grade IP54, insulation grade F, suitable for use in various environments, suitable for harsh environments such as dust and high temperature ;
2. High energy efficiency motor, less electricity, long-term use can significantly reduce the use cost ;
3. The motor has a large margin design and a large starting torque, which can meet the requirements of full life use under various working conditions.



## 03 Advanced and reliable electronic control system

1. Intelligent control system, with good human-machine communication interface; high-quality electrical components are selected, and contactors are imported brands ;
2. Special program, with multi-channel pressure sensor and multi-channel temperature sensor, comprehensive detection of the running state of the unit, automatic control of the machine state, no need for special care ;
3. Emergency stop function, there is a push-type emergency stop switch at a prominent position of the unit, which can be immediately stopped in an emergency ;
4. Independent air duct design, suitable for various working conditions.



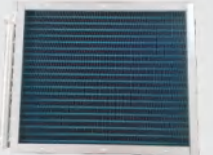
## 04 Plate cooler (for water cooling)

1. It is made of stacked metal sheets with a certain corrugated shape. The material is corrosion resistant, easy to clean, and has a long service life ;
2. Unit volume, large heat exchange area, high heat exchange efficiency, keep the water temperature within a reasonable range ;
3. Compact structure, light weight and small footprint.



## 05 Tube-fin air cooler (for air cooling)

1. The heat exchange tube is made of copper, which will not exchange with ions in water, corrosion resistance, and long service life ;
2. With high-efficiency axial fan, the air volume is sufficient, the cooling effect is good, and the external air duct is not easy to accumulate dust ;
3. The cooler is placed on the top, the hot air is discharged upwards, there will be no backflow, and the internal working temperature of the machine is stable.



## 06 Efficient water filtration

- The water filter is a full-flow filter. The shell is made of stainless steel with a special filter core. It has high filtration accuracy and long life. It can reliably remove impurities in the system to ensure the supply of clean lubricating water. The water filter is the standard configuration of the water circulation system to keep the system clean.



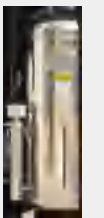
## 07 Special intake valve

- The valve body is made of corrosion-resistant material, suitable for various environments, and has a long service life; heavy hammer structure, accurate and rapid air volume control, low pressure loss; high integration, no wearing parts, simple maintenance and convenient adjustment.



## 08 Efficient water-vapor separation barrel

1. Adopt excellent cyclone separation structure design, which has been tested and proved to have good water-vapor separation effect ;
2. Use stainless steel material to prevent corrosion ;
3. Water level with three-level sensor alarm, automatically eliminate excess water, or make up water automatically when there is less water.



## 09 Renewable ion exchange water softener

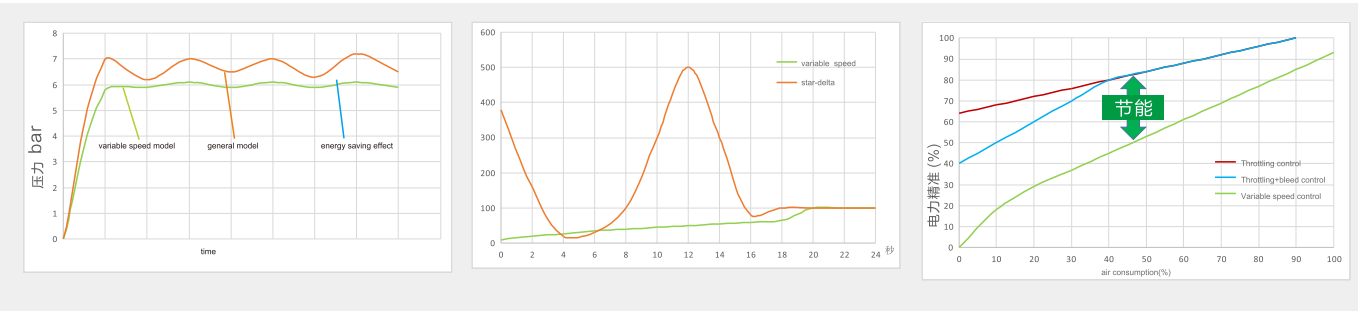
1. Fully automatic control of operation and regeneration operation process without manual operation ;
2. Use ion exchange resin to reduce the hardness of raw water, to achieve the purpose of softening hard water, avoid scaling and protect the system ;
3. The exchange resin is renewable and the cost of use is low.





## Overall energy saving

Compared with power fixed speed air compressor, variable speed air compressor has practical significance in energy saving.



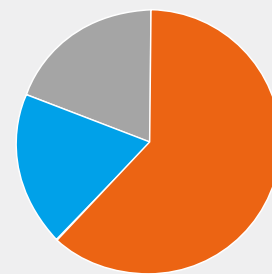
1.The pressure control of variable speed air compressor is precise. It can quickly respond to pressure changes, adjust the speed of the permanent magnet motor, control the pressure fluctuation range within  $\pm 0.1\text{bar}$ , stabilize the pressure of the pipe network, provide the necessary air volume with the most reasonable power, and reduce excess energy loss.

2.Variable speed air compressor adopts the method of frequency conversion start up, eliminating the peak current of star-delta start up and starting smoothly. Reduce the starting power, reduce the impact on the power grid and equipment, and can reduce the equipment operation noise.

3.Variable speed control is more excellent than ordinary throttle control. The adjustment range of the flow rate is larger, and with the high-efficiency permanent magnet motor, the energy saving effect is more significant at a low percentage flow rate.

4. Most of the cost in the life cycle of the air compressor is generated by the electricity it consumes. The power consumption of the compressor is closely related to the on-site air planning. The variable speed air compressor can not only ensure smooth production, but also save considerable electricity costs and achieve a win-win situation for the enterprise.

Cost of regular air compressor



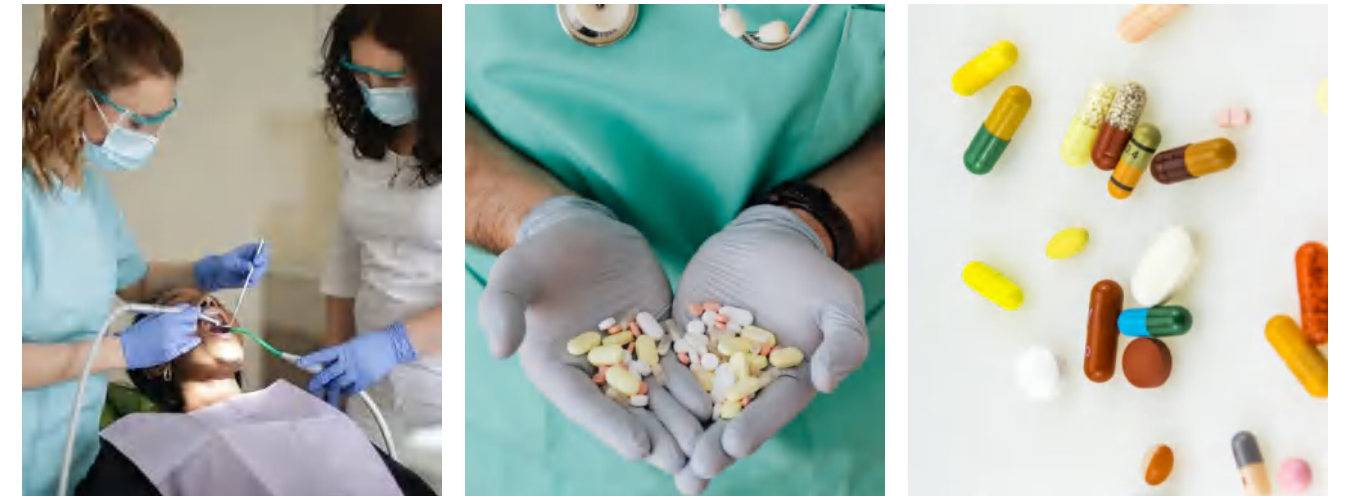
Energy consumption Maintenance cost Purchase cost

Cost of variable speed air compressor



Energy consumption Maintenance cost Purchase cost Energy saved

## Application



In the hospital, there are many medical and related equipment need air compressor to provide compressed air source, some medical care equipment, dental equipment, breathing equipment and so on.The air are directly in contact with the human body, so choose the air compressor, must choose the silent oil-free air compressor for the safety reason.

Pharmaceutical industry:Compressed air produced by oil-freeair compressors is mainly used for mechanical power actuators on pipelines or some manipulators with basic functions, and some compressed air is used for instrument gas.





## Cases



In response to the local government's strengthening of environmental protection supervision and management and implementation of environmental protection responsibilities, a company spontaneously eliminated various unqualified equipment, and air compressors were also in the ranks. Actively looking for energy-saving and environmentally friendly air compressors that meet the requirements, and recommended by Demon's professional sales engineers, finally selected Dream's oil-free dry oil-free DMW series units. DMW series units meet the requirements of environmental protection, meet the air consumption of customers, and are more energy-efficient, more environmentally friendly, and more stable than ordinary screw compressors.



## Cases



A medical technology company has used Dream brand machines before and is quite satisfied with the quality and after-sales service. The DMW series machines purchased this time are mainly used for the production of masks. After the epidemic, the global demand for masks has greatly increased. In response to the call of the country, undertaking the mission of the enterprise, it has also devoted itself to the production of masks. Taking into account the strict control of the quality of masks by the country, it was decided to choose Dream's oil-free screw unit.





## Intelligent Control Technology—smart Cloud Technology

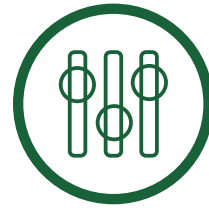
### Three major functions and values of cloud intelligent control



#### Digital Station

Intelligent control: Reduce operation and maintenance costs by 10–30%

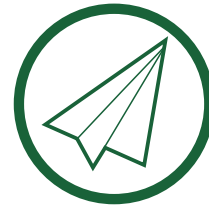
- 3D virtual air compressor station
- Dynamic data monitoring
- Workshop diagnosis report
- Online fault warning
- Maintenance cycle reminder



#### Intelligent control

Intelligent tuning: reduce labor hours by 250%

- Automatic control of air compressor
- AI algorithm autonomous tuning
- Device priority dynamic decision
- Intelligent control of auxiliary equipment



#### Energy saving of the whole station

Energy saving of the whole station: save 5–30% of power consumption in the workshop

- Edge computing technology
- Narrowband constant pressure technology
- Multi-parameter and multi-constraint control algorithm
- Big data visualization technology

### Digital station value

Total station monitoring and control (computer side)

1. Air compressor, refrigerated air dryer, adsorption air dryer, water pump, fan, waste heat recovery machine, flow meter, electric meter, etc.



## Air Compressor System Solutions

Dream Air Compressor is committed to providing integrated compressed air solutions and one-stop service to simplify the needs of high-quality compressed air in all walks of life.

Dream Air Compressor has a full range of models, including piston type, screw type, scroll type, light oil, oil-free, water lubrication, power frequency, frequency conversion, permanent magnet frequency conversion, direct driving, integrated machine, single-stage compression, 17 product series, such as , stationary, mobile, low pressure, medium pressure (normal pressure), high pressure, after treatment equipment, etc., involving more than 500 products for customers to choose.



The pictures of dry-type oil-free units are for reference only, please consult Dream air compressor experts for specific solutions.



The picture of the water lubrication unit is for reference only, please consult Dream Air Compressor experts for the specific plan.

## Customer Service And Support

▲ As an air compressor manufacturer, we are steadily moving towards service providers and creating value for customers, make our customers successful.

● Ensure the safe and stable operation of customer equipment and solve user's problems promptly. ● Training customer operation personnel and service personnel. ● Feedback information. ● Track corrective actions. ● Aircompressor Failure Report and Repair Process.

Response Time: We promise to get back to you within 24 hours.

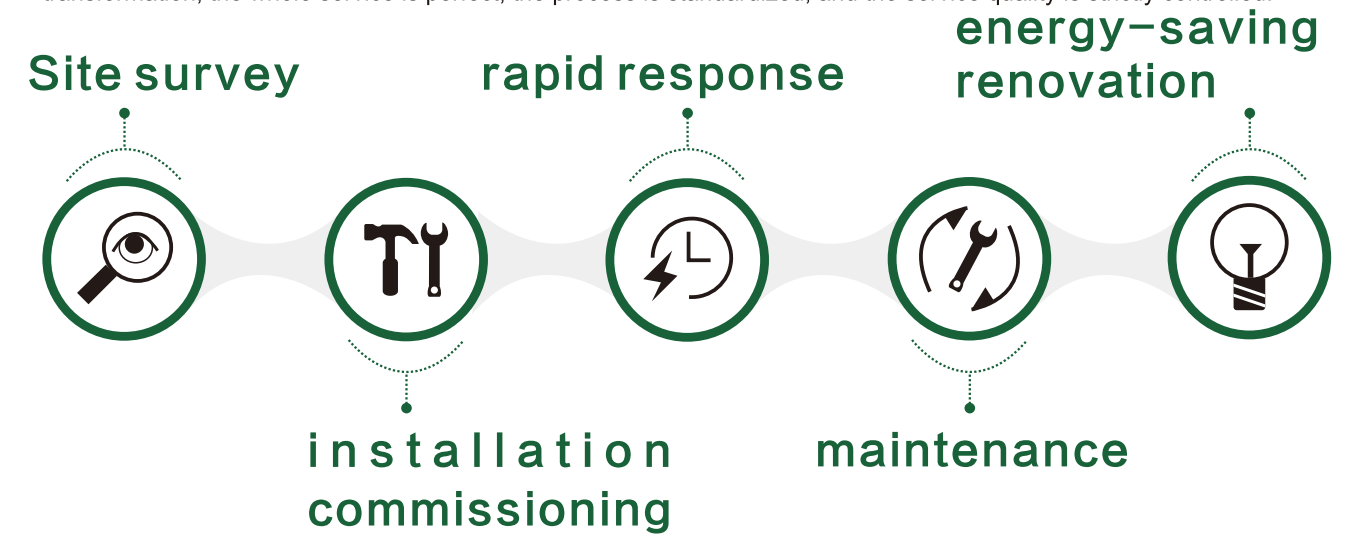
Service Hotline: whatsapp/skype/wechat:+86 13482161490.



## **DA**® FIVE-STAR SERVICE

Dream Air Compressor has always practiced the tenet of "Intimate service, meticulous manufacturing, assured price, careful after-sales service, and assured customers" to provide customers with a full range of services.

From survey site → installation and commissioning → rapid response → repair and maintenance → energy-saving transformation, the whole service is perfect, the process is standardized, and the service quality is strictly controlled.





## Specifications Dry Oil-Free Fixed Speed Screw Air Compressor

DMW-G 干式无油系列 Dry oil free series	排气压力 Working pressure		排气量 Capacity		功率 Power		噪音 Noise dB	空气出口管径 Air outlet pipe diameter	机组净重 (kg) Net weight (kg)		外形尺寸(mm) Dimensions(mm)					
	bar	psig	(m3/min)	cfm	kW	hp			风冷 Air-cooled	水冷 Water-cooled	长 Length	宽 Width	高 Height	长 Length	宽 Width	高 Height
							风冷 Air-cooled	水冷 Water-cooled								
DMW-45G	7	102	7.6	268.4	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
	8	116	7.0	247.2	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
	10	145	6.0	211.9	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
DMW-55G	7	102	9.6	339.0	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
	8	116	8.9	314.3	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
	10	145	7.9	279.0	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
DMW-75G	7	102	12.5	441.4	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
	8	116	11.9	420.2	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
	10	145	10.8	381.4	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
DMW-90G	7	102	16.0	565.0	90	120	71±3	DN50	3100	2850	3000	1990	2180	2700	1800	1830
	8	116	14.5	512.1	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
	10	145	12.9	455.6	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
DMW-110G	7	102	19.5	688.6	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
	8	116	18.4	649.8	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
	10	145	17.0	600.3	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
DMW-132G	7	102	23.0	812.2	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
	8	116	22.0	776.9	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
	10	145	20.0	706.3	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
DMW-160G	7	102	26.0	918.2	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
	8	116	25.0	882.9	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
	10	145	23.5	829.9	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
DMW-185G	7	102	30.0	1059.4	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
	8	116	27.5	971.2	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
	10	145	26.0	918.2	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
DMW-200G	7	102	34.0	1200.7	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	8	116	33.2	1172.4	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	10	145	29.2	1031.2	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
DMW-250G	7	102	45.5	1606.8	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	8	116	43.0	1518.5	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	10	145	37.6	1327.8	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065

Dream compressor Specifications follow the principle of the followings:

- 1.The value of the capacity is the air volume flow under the following conditions (temperature:32°C, atmospheric pressure:101.325KPa).
- 2.The exhaust pressure is the value after the check valve.
- 3.The noise value is the value in the room without echo, the test tolerance: 3dB (A).

## Specifications Dry Oil-Free Variable Speed Screw Air Compressor

DMWV-G 干式无油系列 Dry oil free series	排气压力 Working pressure		排气量 Capacity		功率 Power		噪音 Noise dB	空气出口管径 Air outlet pipe diameter	机组净重 (kg) Net weight (kg)		外形尺寸(mm) Dimensions(mm)					
	bar	psig	(m3/min)	cfm	kW	hp			风冷 Air-cooled	水冷 Water-cooled	长 Length	宽 Width	高 Height	长 Length	宽 Width	高 Height
							风冷 Air-cooled	水冷 Water-cooled								
DMWV-45G	7	102	4.4-7.6	155-268	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
	8	116	4.1-7.0	145-247	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
	10	145	3.5-6.0	124-212	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
DMWV-55G	7	102	5.6-9.6	198-339	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
	8	116	5.1-8.9	180-314	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
	10	145	4.5-7.9	159-279	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
DMWV-75G	7	102	7.3-12.5	258-441	75	100	70±3	DN50	2950	2900	2200	1400	2000	2300	1500	1720
	8	116	7.0-11.9	247-420	75	100	70±3	DN50	2950	2900	2200	1400	2000	2300	1500	1720
	10	145	6.4-10.8	226-381	75	100	70±3	DN50	2950	2900	2200	1400	2000	2300	1500	1720
DMWV-90G	7	102	9.4-16.0	332-565	90	120	71±3	DN50	3000	2950	2200	1400	2000	2300	1500	1720
	8	116	8.5-14.5	300-512	90	120	71±3	DN50	3000	2950	2200	1400	2000	2300	1500	1720
	10	145	7.5-12.9	265-456	90	120	71±3	DN50	3000	2950	2200	1400	2000	2300	1500	1720
DMWV-110G	7	102	11.5-19.5	406-689	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
	8	116	10.9-18.4	385-650	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
	10	145	10.0-17.0	353-600	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
DMWV-132G	7	102	13.6-23.0	480-812	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
	8	116	13.0-22.0	459-777	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
	10	145	11.8-20.0	417-706	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
DMWV-160G	7	102	15.4-26.0	544-918	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
	8	116	14.8-25.0	523-883	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
	10	145	13.9-23.5	491-830	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
DMWV-185G	7	102	17.8-30.0	629-1059	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
	8	116	16.3-27.5	576-971	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
	10	145	15.4-26.0	544-918	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
DMWV-200G	7	102	20.1-34.0	710-1201	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	8	116	19.6-33.2	692-1172	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	10	145	17.3-29.2	611-1031	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
DMWV-250G	7	102	27.0-45.5	953-1607	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	8	116	25.4-43.0	897-1519	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	10	145	22.4-37.6	791-1328	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065

- 4.Please consult our company for use in harsh working conditions such as with high temperature, extreme humidity, extreme cold and dust,etc.
- 5.Dimensions and weight of the whole machine are subject to change without notice.
- 6.Please do not use compressed air directly in medical equipment for human inhalation.

## Specifications Oil-Free Water Lubricated Fixed Speed Screw Air Compressor

DMW-G 水润滑系列 Water lubricated series	排气压力 Working pressure		排气量 Capacity		功率 Power		噪音 Noise	空气出口管径 Air outlet pipe diameter	机组净重 Net weight	外形尺寸(mm) Dimensions(mm)		
	bar	psig	(m3/min)	cfm	kW	hp	dB			长 Length	宽 Width	高 Height
DMW-7G	7	102	1.2	42.4	7.5	10	58±3	G1"	500	1135	800	1000
	8	116	1.1	38.8	7.5	10	58±3	G1"	500	1135	800	1000
	10	145	1.0	35.3	7.5	10	58±3	G1"	500	1135	800	1000
DMW-11G	7	102	1.6	56.5	11	15	58±3	G1"	500	1135	800	1000
	8	116	1.5	53.0	11	15	58±3	G1"	500	1135	800	1000
	10	145	1.3	45.9	11	15	58±3	G1"	500	1135	800	1000
DMW-15G	7	102	2.0	70.6	15	20	60±3	G1"	550	1400	1000	1200
	8	116	1.8	63.6	15	20	60±3	G1"	550	1400	1000	1200
	10	145	/	/	15	20	60±3	G1"	550	1400	1000	1200
DMW-18.5G	7	102	3.1	109.5	18.5	25	61±3	G1"	600	1400	1000	1200
	8	116	2.8	98.9	18.5	25	61±3	G1"	600	1400	1000	1200
	10	145	2.5	88.3	18.5	25	61±3	G1"	600	1400	1000	1200
DMW-22G	7	102	3.7	130.7	22	30	61±3	G1"	655	1400	1000	1200
	8	116	3.4	120.1	22	30	61±3	G1"	655	1400	1000	1200
	10	145	3.0	105.9	22	30	61±3	G1"	655	1400	1000	1200
DMW-30G	7	102	5.2	183.6	30	40	64±3	G1 1/2"	1150	1920	1170	1320
	8	116	4.7	166.0	30	40	64±3	G1 1/2"	1150	1920	1170	1320
	10	145	4.3	151.9	30	40	64±3	G1 1/2"	1150	1920	1170	1320
DMW-37G	7	102	6.1	215.4	37	50	64±3	G1 1/2"	1200	1920	1170	1320
	8	116	5.6	197.8	37	50	64±3	G1 1/2"	1200	1920	1170	1320
	10	145	5.0	176.6	37	50	64±3	G1 1/2"	1200	1920	1170	1320
DMW-45G	7	102	7.5	264.9	45	60	66±3	G1 1/2"	1320	1920	1170	1320
	8	116	6.8	240.1	45	60	66±3	G1 1/2"	1320	1920	1170	1320
	10	145	6.0	211.9	45	60	66±3	G1 1/2"	1320	1920	1170	1320
DMW-55G	7	102	10.0	353.1	55	75	66±3	DN50	1520	1930	1320	1535
	8	116	9.0	317.8	55	75	66±3	DN50	1520	1930	1320	1535
	10	145	7.8	275.5	55	75	66±3	DN50	1520	1930	1320	1535
DMW-75G	7	102	13.0	459.1	75	100	70±3	DN50	1620	1930	1320	1535
	8	116	12.0	423.8	75	100	70±3	DN50	1620	1930	1320	1535
	10	145	10.0	353.1	75	100	70±3	DN50	1620	1930	1320	1535
DMW-90G	7	102	15.5	547.4	90	120	70±3	DN50	1800	1930	1320	1535
	8	116	14.0	494.4	90	120	70±3	DN50	1800	1930	1320	1535
	10	145	12.5	441.4	90	120	70±3	DN50	1800	1930	1320	1535
DMW-110G	7	102	20.0	706.3	110	150	72±3	DN80	3100	2300	1600	1750
	8	116	18.0	635.7	110	150	72±3	DN80	3100	2300	1600	1750
	10	145	16.0	565.0	110	150	72±3	DN80	3100	2300	1600	1750
DMW-132G	7	102	25.0	882.9	132	175	72±3	DN80	3250	2300	1600	1750
	8	116	23.0	812.2	132	175	72±3	DN80	3250	2300	1600	1750
	10	145	20.0	706.3	132	175	72±3	DN80	3250	2300	1600	1750
DMW-160G	7	102	27.0	953.5	160	215	72±3	DN100	4500	2860	1500	1750
	8	116	25.5	900.5	160	215	72±3	DN100	4500	2860	1500	1750
	10	145	24.0	847.6	160	215	72±3	DN100	4500	2860	1500	1750
DMW-185G	7	102	30.0	1059.4	185	250	74±3	DN100	4500	2860	1500	1750
	8	116	28.0	988.8	185	250	74±3	DN100	4500	2860	1500	1750
	10	145	25.0	882.9	185	250	74±3	DN100	4500	2860	1500	1750
DMW-200G	7	102	36.0	1271.3	200	270	74±3	DN100	4500	2860	1500	1750
	8	116	33.0	1165.4	200	270	74±3	DN100	4500	2860	1500	1750
	10	145	27.0	953.5	200	270	74±3	DN100	4500	2860	1500	1750
DMW-250G	7	102	43.0	1518.5	250	350	74±3	DN125	5200	3150	1850	2020
	8	116	41.0	1447.9	250	350	74±3	DN125	5200	3150	1850	2020
	10	145	38.0	1342.0	250	350	74±3	DN125	5200	3150	1850	2020

Cooling method: (Air cooling: DMW-7G~DMW-45G)、(Water cooling: DMW-55G~DMW-250G).

## Specifications Oil-Free Water Lubricated variable Speed Screw Air Compressor

DMWV-G 水润滑系列 Water lubricated series	排气压力 Working pressure		排气量 Capacity		功率 Power		噪音 Noise	空气出口管径 Air outlet pipe diameter	机组净重 Net weight	外形尺寸(mm) Dimensions(mm)		
	bar	psig	(m3/min)	cfm	kW	hp	dB			长 Length	宽 Width	高 Height
DMWV-7G	7	102	0.7-1.2	25-42	7.5	10	58±3	G1"	500	1135	800	1000
	8	116	0.6-1.1	21-39	7.5	10	58±3	G1"	500	1135	800	1000
	10	145	0.5-0.9	18-32	7.5	10	58±3	G1"	500	1135	800	1000
DMWV-11G	7	102	1.0-1.6	35-57	11	15	58±3	G1"	500	1135	800	1000
	8	116	0.9-1.5	32-53	11	15	58±3	G1"	500	1135	800	1000
	10	145	0.7-1.3	25-46	11	15	58±3	G1"	500	1135	800	1000
DMWV-15G	7	102	/	/	15	20	60±3	G1"	550	1170	900	1100
	8	116	1.0-1.8	35-64	15	20	60±3	G1"	550	1170	900	1100
	10	145	/	/	15	20	60±3	G1"	550	1170	900	1100
DMWV-18.5G	7	102	1.8-3.1	61-109	18.5	25	61±3	G1"	600	1400	1000	1200
	8	116	1.6-2.8	57-99	18.5	25	61±3	G1"	600	1400	1000	1200
	10	145	1.5-2.5	53-88	18.5	25	61±3	G1"	600	1400	1000	1200
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	22	30	61±3	G1"	655	1400	1000	1200
	10	145	1.8-3.0	64-106	22	30	61±3	G1"	655	1400	1000	1200
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	30	40	64±3	G1 1/2"	1150	1920	1170	1320
	10	145	2.5-4.3	88-152	30	40	64±3	G1 1/2"	1150	1920	1170	1320
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	37	50	64±3	G1 1/2"	1200	1920	1170	1320
	10	145	3.0-5.0	106-177	37	50	64±3	G1 1/2"	1200	1920	1170	1320
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	45	60	66±3	G2"	1320	1920	1170	1320
	10	145	3.6-6.0	127-212	45	60	66±3	G2"	1320	1920	1170	1320
DMWV-55G	7	102	6.0-10.0	212-353	55	75	66±3	G2"	1520	1920	1320	1535
	8	116	5.4-9.0	191-318	55	75	66±3	G2"	1520	1920	1320	1535
	10	145	4.6-7.8	162-275	55	75	66±3	G2"	1520	1920	1320	1535
DMWV-75G	7	102	7.8-13.0	275-459	75	100	70±3	G2"	1620	1930	1320	1535
	8	116	7.2-12.0	254-424	75	100	70±3	G2"	1620	1930	1320	1535
	10	145	6.0-10.0	212-353	75	100	70±3	G2"	1620	1930	1320	1535
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	90	120	70±3	DN80	1800	1930	1320	1535
	10	145	7.5-12.5	265-441	90	120	70±3	DN80	1800	1930	1320	1535
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	110	150	72±3	DN80	3100	2300	1600	1750
	10	145	9.6-16.0	339-565	110	150	72±3	DN80	3100	2300	1600	1750
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	132	175	72±3	DN80	3250	2300	1600	1750
	10	145	12.0-20.0	424-706	132	175	72±3	DN80	3250	2300	1600	1750
DMWV-160G	7	102	16.2-27.0	572-953	160	215	72±3	DN100	4500	2860	1600	1800
	8	116	15.3-25.5	540-901	160	215	72±3	DN100	4500	2860	1600	1800
	10	145	14.4-24.0	509-848	160	215	72±3	DN100	4500	2860	1600	1800
DMWV-185G	7	102	18.0-30.0	636-1059	185	250	74±3	DN100	4500	2860	1600	1800
	8	116	16.8-28.0	593-989	185	250	74±3	DN100	4500	2860	1600	1800
	10	145	15.0-25.0	530-883	185	250	74±3	DN100	4500	2860	1600	1800
DMWV-200G	7	102	21.6-36.0	763-1271	200	270	74±3	DN125	4800	3150	1850	2050
	8	116	19.8-33.0	699-1165	200	270	74±3	DN125	4800	3150	1850	2050
	10	145	16.2-27.0	572-953	200	270	74±3	DN125	4800	3150	1850	2050
DMWV-250G	7	102	25.8-43.0	911-1519	250	350	74±3	DN125	5200	3150	1850	2050
	8	116	24.6-41.0	869-1448	250	350	74±3	DN125	5200	3150	1850	2050
	10	145	22.8-38.0	805-1342	250	350	74±3	DN125	5200	3150		