PERMANENT MAGNET
VARIABLE FREQUENCY
INTELLIGENT
ENERGY SAVING

DEHAHA®

SCREW AIR COMPRESSOR

BTS ENGINEERING

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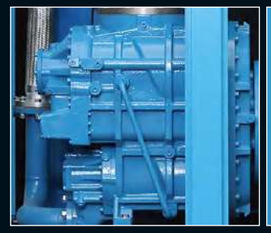
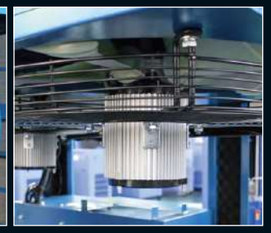
TO BE GREAT

CONTENTS

DHH STAR

After the air is compressed in the first stage, it is cooled by enhanced fuel injection to reduce the temperature of the second stage suction, and the air is compressed isothermally to reduce the compression work. The two-stage compression uses equal pressure ratio to design the inter-stage pressure, so the compression ratio of each stage is much lower than the single-stage. The return leakage between the rotors is greatly reduced, and the volumetric efficiency and adiabatic efficiency are greatly improved, which leads to the increase of compressed gas production. The compressed air production of 2-stage is 15% higher than the single-stage under the same power, which can Save 15% energy.



TWO STAGE COMPRESSION

Feature:
Two-stage compression air-end

Advantage:
Low compression ratio
Low temperature rising
Low air leakage

Benefit:
15% energy-saving

GOOD SEALING PERFORMANCE

Feature:
IE4 permanent magnet motor
IE4 High-efficiency motor

Advantage:
Motor efficiency 97%

Benefit:
5% energy-saving

INTELLIGENT CONTROL

Feature:
VFD system

Advantage:
Constant pressure output to remove pressure fluctuation and off-load
Constant temperature output at 80~85°C
Low starting current to protect components

Benefit:
15% energy-saving

SYSTEMATIC DESIGN OF OIL SEPARATOR

Feature:
Large oil system

Advantage:
Reduce internal pressure loss avoid oil Leakage for safety

Benefit:
3% energy-saving

COOLING FAN

Feature:
Large cooler system

Advantage:
Axial flow Fan used for good cooling effect

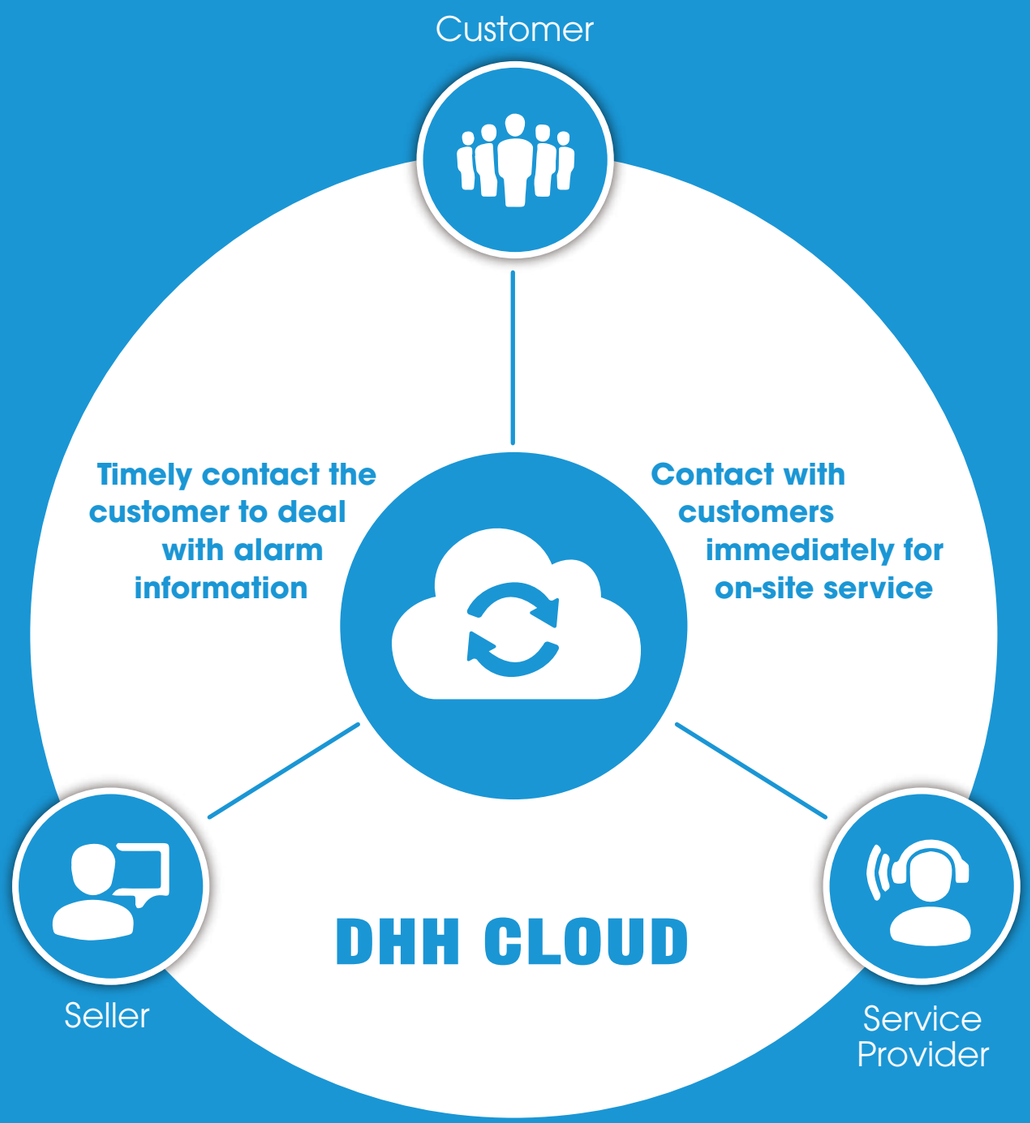
Benefit:
Allow ambient temperature at 52°C

Feature:
Customized pressure system

Advantage:
Avoid excess pressure waste

Benefit:
7% energy-saving

WHAT IS CLOUD IINTELLIGENT CONTROL



WHY CHOOSE CLOUD INTELLIGENT CONTROL

Cloud data

DHH cloud collects the operation date of the air compressor on-site in real time, and transfers data to the cloud server to provide users with various cloud data services.

- Real time monitoring
- Historical data curve
- Report statistics
- Event information notification
- Remote modification of parameters

Service on the Cloud

In order to make the maintenance process of the air compressor more transparent and efficient, DHH cloud provides fully visual maintenance services.

- One-click order for after-sale service
- Order status view
- Comments for after-sale service and maintenance
- File queries for service and maintenance

Knowledge on the cloud

Knowledge library system of DHH Cloud provides information about the maintenance video course of air compressor, the introduction of air compressor principle, and the summary of the use of air compressor, so as to make users more professional and more comfortable when using air compressor.

- Installation video
- Maintenance video
- Principle introduction
- Problems summary

ABOUT US

DHH Compressor Jiangsu Co., Ltd. was established in 1996 and has 26 years of experience in the air compressor industry. It's an innovative factory which integrates production, trade, service, research and development. We focus on research, development and manufacture screw air compressors of world's newest energy-saving and intelligent internet information system with the industry's top technology and elite engineering team.

Products include:

- ***Oil-injected screw air compressor (7.5~630kW)***
- ***Oil-free air compressor, screw and scroll (7.5~ 400kW)***
- ***Combined screw air compressor for fiber laser cutting applications***
- ***3 to 5bar Low pressure screw air compressor (7.5~400kW)***
- ***Portable diesel screw air compressor (42~295kW)***

The company has passed ISO9001, EU CE certification, CLASS 0 oil-free certification, German TUV certification, and obtained more than 20 patent certificates. In 2018, we were rated as "High-tech Enterprise" and "Private Technology Enterprise", etc.

Our factory is located in Qidong City, Jiangsu Province, adjacent to Shanghai. We have more than 150 skilled employees and 25 engineers, and we are very strict in every step of manufacturing. The company has a professional international trade center located in Shanghai, China. The company conducts brand promotion and service in the global market with branches in English, French, Russian, Spanish and Portuguese. Now, our valued customers are located in more than 130 countries. Germany technology and 14 years of export experience have helped us to gain more than 50 loyal overseas agents.

DHH's mission is to become a world-renowned high-end brand, with sustainable development, continuously improve its own value, and it is committed to provide our customers with energy-saving products.

2021

Wuhan Branch Company was founded. "TO BE GREAT" is our principle. DEHAHA will never stop its footsteps on striving for excellence.

2020

The 2nd Production Base was founded in Qidong; 2 branch companies, Anhui and Guangdong, were founded.

2016

Shanghai Production Base was relocated to Qidong, Jiangsu; DEHAHA Compressor Jiangsu Co., Ltd. was founded; 2-stage PM VSD Screw Air Compressor was launched.

2004

Shanghai DEHAHA was founded with R&D Center, core businesses are designing, producing and selling self-owned brand "DEHAHA" compressors in China and abroad.

2000

Shanghai Factory established for designing, producing and selling self-owned brand "WEICHENG"

1996

"Shanghai Weikai" was founded, core business was selling air compressors

PERSONALIZED R&D FOR DIFFERENT INDUSTRY CHARACTERISTICS

CUSTOMIZATIONS FOR DIFFERENT INDUSTRY

DHH is not only at the forefront of concept and consciousness.In the control of product quality, we are more adhering to the spirit of artisans. We organize our R&D teams to develop products according to individual industry characteristics and different working conditions and environments of their equipments,so as to meet the special need and achieve a real industry-specialized compressor.

Laser cutting industry

For applications which need big air capacity, but with dusty and bad working conditions.

Textile industry

For applications which need big air capacity, low and stable pressure, but with much tiny cotton wool environment.

Environmental protection industry

For applications which need continuous operating, low pressure and big air capacity but with bad operating conditions.

Cement industry

For applications which need low pressure and large air capacity but with bad operating conditions.

Direct Driven Screw Air compressor

- New generation molded line air end.
- 1:1 direct driven, stable and efficient.
- Low maintenance and operation cost.

Technical Parameters

Model	Air Delivery (m^3/min)				Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.7Mpa	0.8Mpa	1.0Mpa	1.3Mpa				Length	Width	Height	
DC-10A	1.3	1.2	1.0	/	7.5	63	G3/4	895	590	970	190
DC-20A	2.4	2.3	2.0	/	15	65	G3/4	1062	690	1000	236
DC-30A	3.7	3.6	3.2	2.8	22	68	G1	1330	830	1265	400
DC-40A	5.2	5.0	/	3.3	30	68	G1	1330	830	1265	500
DC-50A	6.5	6.2	5.6	4.9	37	69	G1 1/2	1500	940	1415	655
DC-60A	8.0	7.3	6.0	5.9	45	70	G1 1/2	1500	940	1415	730
DC-75A	10.1	9.5	8.7	7.3	55	70	G2	1600	1060	1470	945
DC-100A	13.6	12.8	11.3	9.2	75	72	G2	2000	1120	1590	1291
DC-125A	16.1	15.5	13.6	12.5	90	72	G2	2000	1120	1590	1421
DC-150A	21.2	19.6	17.8	15.5	110	72	DN65	2400	1630	1980	2170
DC-175A	24.1	23.2	19.5	17.8	132	72	DN65	2400	1630	1980	2350
DC-220A	28.8	27.8	23.0	20.0	160	72	DN80	2800	1828	2150	3620
DC-250A	32.5	31.2	27.5	25.8	185	72	DN80	2800	1828	2150	3920
DC-275A	34.5	34.0	30.5	28.0	200	76	DN80	2800	1828	2150	4200
DC-300A	36.8	34.7	31.5	29.5	220	76	DN100	4260	2182	2170	4800
DC-350A	43.0	41.5	38.0	34.9	250	76	DN100	4260	2182	2170	5200
DC-375A	51.3	50.6	46.0	41.5	280	82	DN100	4360	2150	2258	7500
DC-420A	56.8	55.9	50.1	42.0	315	82	DN125	4360	2150	2258	7500
DC-420W	56.8	55.9	50.1	42.0	315	82	DN125	3800	2200	2250	7200
DC-475A	66.1	65.4	55.1	46.0	355	85	DN125	4600	2240	2260	9000
DC-475W	66.1	65.4	55.1	46.0	355	82	DN125	3800	2200	2250	8570

DEHAHA TO BE GREAT

Intelligent PM VSD Screw Air Compressor

- IE3 high-efficiency energy-saving PM motor saves energy up to 6-7%, compared with three phase asynchronous motor.
- Latest air end, one-shaft structure， more compact, stable, Level 1 national standard of energy efficiency.
- Due to intelligent inverter technology, PM VSD air compressor saves energy up to 42%.
- Internet remote control technical – your compressor-keeper.
- DEHAHA proprietary technologies.

Technical Parameters

Model	Air Delivery (m^3/min)				Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.7Mpa	0.8Mpa	1.0Mpa	1.3Mpa				Length	Width	Height	
DM-10A	1.3	1.2	1.0	/	7.5	63	G3/4	895	590	970	190
DM-20A	2.4	2.3	2.0	1.7	15	65	G3/4	1062	690	1000	236
DM-30A	4.2	3.7	3.2	2.8	22	68	G1	1330	830	1265	410
DM-40A	5.7	5.2	/	/	30	68	G1	1330	830	1265	520
DM-50A	6.9	6.5	5.6	4.9	37	69	G1 1/2	1500	940	1415	655
DM-60A	8.1	7.5	6.8	5.9	45	70	G1 1/2	1500	940	1415	730
DM-75A	10.3	9.5	8.3	7.8	55	70	G2	1600	1060	1470	950
DM-100A	13.0	12.8	11.0	9.5	75	72	G2	2000	1120	1590	1070
DM-125A	16.7	15.5	14.0	12.5	90	72	G2	2000	1120	1590	1221
DM-150A	20.8	19.6	17.8	15.5	110	72	DN65	2400	1630	1980	1950
DM-175A	24.1	23.2	19.5	17.0	132	72	DN65	2400	1630	1980	2150
DM-220A	28.8	27.8	23.0	20.0	160	72	DN80	2800	1828	2150	3620
DM-250A	33.2	31.2	27.5	25.8	185	72	DN80	2800	1828	2150	3920
DM-350A	43.0	41.5	38.0	34.9	250	76	DN100	4260	2182	2170	5200

Asynchronous Two-stage Compression Screw Air Compressor (DD series)

- **Efficient two-stage compression air end**
  The rotor adopts a newly designed patented profile, which ensures that the rotor profile is accuracy, high reliability and availability, low noise, low vibration,Two-stage compression reduces the single-stage compression ratio and reduces bearing loads,Increased air end life.
- **High-efficiency asynchronous motor**
  Air-cooled special motor, the input specific power of the whole machine is lower, effectively preventing.Prevent dust and moisture from entering the motor, SKF bearings ensure long-term continuity Trouble-free operation.
- **Super Class 1 Energy Efficiency**

Technical Parameters

Model	Air Delivery (m^3/min)				Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.7Mpa	0.8Mpa	1.0Mpa	1.3Mpa				Length	Width	Height	
DD-30	4.41	4.12	3.33	2.55	22	68	G1	1440	830	1265	830
DD-40	5.93	5.68	4.10	3.92	30	68	G1 1/2	1500	940	1415	880
DD-50	7.12	7.05	5.88	4.51	37	68	G1 1/2	1500	940	1415	930
DD-60	10.29	9.70	6.66	5.60	45	72	G2	2000	1120	1590	1510
DD-75	13.33	12.05	9.95	6.86	55	76	DN50	2900	1470	1625	1750
DD-100	15.68	15.19	12.54	10.00	75	76	DN50	2900	1470	1625	1970
DD-125	20.29	19.11	15.83	12.94	90	76	DN65	3400	1757	1860	2670
DD-150	24.30	23.52	19.80	14.91	110	76	DN65	3400	1757	1860	2950
DD-175	28.42	27.44	22.74	18.33	132	78	DN80	3750	1900	1980	4570
DD-220	33.32	31.85	27.44	22.64	160	78	DN80	3750	1900	1980	4750
DD-250	38.22	37.24	31.36	27.15	185	78	DN100	3900	2100	1980	5800
DD-275	42.34	41.16	37.34	31.26	200	78	DN100	3900	2100	1980	6100
DD-300	47.54	45.28	40.38	30.97	220	82	DN100	4260	2182	2170	6200
DD-350	51.45	49.98	44.88	36.46	250	82	DN100	4260	2182	2170	6500
DD-375	57.80	55.60	49.50	39.20	280	83	DN100	4260	2182	2170	6800
DD-375W	57.80	55.60	49.50	39.20	280	82	DN125	3800	2200	2250	8550
DD-420	63.10	61.30	55.20	44.60	315	85	DN125	4600	2240	2260	8600
DD-420W	63.10	61.30	55.20	44.60	315	82	DN125	3800	2200	2250	8850
DD-475	73.00	72.00	61.10	50.00	355	85	DN125	4600	2240	2260	9200
DD-475W	73.00	72.00	61.10	50.00	355	82	DN125	3800	2200	2250	8970

DEHAHA TO BE GREAT

Two-stage PM VSD Screw Air Compressor(DDM Series)

- Two-stage compressor airend, one-stage energy saving, low vibration and low noise.
- The two-stage compression instead of the single stage compression,the exhaust volume increased by nearly 15%, which can achieve 15% energy saving effect.
- IP65 PM motor with higher efficiency and can be adapted to the poor and dusty working conditions.
- Touchable LED controller, intelligent control, high-efficiency motor protection level IP65.

Technical Parameters

Model	Air Delivery (m^3/min)				Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.7Mpa	0.8Mpa	1.0Mpa	1.3Mpa				Length	Width	Height	
DDM-30	4.50	4.20	3.40	2.60	22	68	G1	1440	830	1265	840
DDM-40	6.05	5.80	4.18	4.00	30	68	G11/2	1500	940	1415	900
DDM-50	7.40	7.13	6.00	4.60	37	68	G11/2	1500	940	1415	950
DDM-60	10.50	9.90	6.80	5.71	45	72	G2	2000	1120	1590	1560
DDM-75	13.60	12.30	10.15	7.00	55	76	DN50	2900	1470	1625	1780
DDM-100	16.00	15.50	12.80	10.20	75	76	DN50	2900	1470	1625	2000
DDM-125	20.70	19.50	16.15	13.20	90	76	DN65	3400	1757	1860	2700
DDM-150	24.80	24.00	20.20	15.21	110	76	DN65	3400	1757	1860	3000
DDM-175	29.00	28.00	23.20	18.70	132	78	DN80	3750	1900	1980	4650
DDM-220	34.00	32.50	28.00	23.10	160	78	DN80	3750	1900	1980	4850
DDM-250	39.00	38.00	32.00	27.70	185	78	DN100	3900	2100	1980	5900
DDM-275	43.20	42.00	38.10	31.90	200	78	DN100	3900	2100	1980	6200
DDM-300	48.51	46.20	41.20	31.60	220	82	DN100	4260	2182	2170	6200
DDM-350	51.80	51.00	45.80	37.20	250	82	DN100	4260	2182	2170	6500
DDM-375	58.38	56.16	50.00	39.59	280	/	DN100	4260	2182	2170	6800
DDM-420	63.73	61.91	55.75	45.05	315	/	DN125	4600	2240	2260	8850
DDM-475	73.73	72.72	61.71	50.50	355	/	DN125	4600	2240	2260	9200
DDM-275W	43.20	42.00	38.10	31.90	200	/	DN100	3800	2200	2130	6200
DDM-350W	51.80	51.00	45.80	37.20	250	/	DN100	3800	2200	2250	6100
DDM-375W	58.38	56.16	50.00	39.59	280	/	DN100	3800	2200	2250	8550
DDM-420W	63.73	61.91	55.75	45.05	315	/	DN125	3800	2200	2250	8600
DDM-475W	73.73	72.72	61.71	50.50	355	/	DN125	3800	2200	2250	8970

High Pressure Screw Air Compressor for Fiber Laser Cutting Application

- All-in-one design, user-friendly, it can be used when power is ready.
- The original imported airend is used to ensure high efficiency and stability, and smoother cutting.
- Multiple protection devices, multiple shock and noise reduction configurations, low noise.
- High-efficiency refrigerant dryer and 5-level high-efficiency special precision filter, high filtration accuracy, pressure dew point as low as 2~5°C, gas oil content as low as 0.001PPM, particulate matter filtration accuracy up to 0.01um, ensuring pure compression air.
- Constant temperature control. The start and stop of the cooling fan can be set according to the season for the better control on oil temperature to avoid emulsification.
- The 500L large air storage tank has buffered air and stable air supply. The precipitation of compressed air in the air storage tank is more conducive to water removal and sewage discharge.
- Centralized drainage after post-treatment is helpful to keep the customer's site clean.

Technical Parameters

Model	Air Delivery (m^3/min)	Rated exhaust pressure (Mpa)	Power (kW)	Noise (Db)	Outlet diameter (In)	Dimension (mm)	Weight (Kg)	Exhaust pressure dew point (℃)	Exhaust dust content (μm)	Exhaust oil content (ppm)	Gas storage tank capacity (L)
DBZY-10A	0.55	1.58	7.5	65	G3/4	1418*700*1500	395	2~10	0.01	0.01	260
DBZY-15A	1.05	1.58	11	65	G3/4	1882*790*1731	560	2~10	0.01	0.01	500
DBZY-20A	1.51	1.58	15	65	G3/4	1882*790*1731	572	2~10	0.01	0.01	500
DMZY-15A	1.05	1.58	11	65	G3/4	1882*790*1731	560	2~10	0.01	0.01	500
DMZY-20A	1.52	1.58	15	65	G3/4	1882*790*1731	572	2~10	0.01	0.01	500
DMZY-30A	2.41	1.58	22	68	G3/4	1882*1081*1801	630	2~10	0.01	0.01	500
DCZY-30A	2.21	1.58	22	68	G3/4	1882*1081*1801	630	2~10	0.01	0.01	500

DEHAHA TO BE GREAT

High Pressure Pistion Air Compressor for Fiber Laser Cutting Application

- High compression efficiency. The compression process of piston compressor is in closed status which leads to high compression efficiency.
- Wide pressure range. Medium/high/ultra-high pressure piston compressor can be designed according to different working condition. Constant stable exhaust air can be provided when exhaust pressure changes at the same rotation rate.

Technical Parameters

Model	Working pressure (Mpa)	Air Delivery (m^3/min)	Power (kW)	Outlet diameter	Dimension (mm)			Weight (Kg)
					Length	Width	Height	
DHH1030	3.0	1.0	11	G3/4"	2080	1650	1970	1270
DHH1230	3.0	1.2	15	G3/4"	2080	1650	1970	1300
DHH1630	3.0	1.6	18.5	G3/4"	2450	1800	1970	1400
DHH2030	3.0	2.0	22	G3/4"	2450	1800	1970	1460
DHH2530	3.0	2.5	25	G3/4"	2450	1800	1970	1530

Low-pressure PM VSD Screw Air Compressor

- Big rotor, low RPM, high performance.
- Touchable LED controller, intelligent control, high-efficiency motor, production level IP54.
- Patented airend design, ensure best compression ratio.
- Long time continuous working hours for textile industry, programmed pre-alert, not stop immediately, to ensure enough time for machine halt.
- No need to clean the nozzle frequently because the purification process is designed at the very beginning.

DEHAHA TO BE GREAT

Technical Parameters

Model	Air Delivery (m^3/min)	Working pressure (Mpa)	Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
						Length	Width	Height	
DHH22LM	6.30	0.3	22	72	G2	1600	1060	1470	950
	5.30	0.4	22	72	G2	1600	1060	1470	950
DHH30LM	7.02	0.3	30	72	G2	1600	1060	1470	1050
	6.90	0.4	30	72	G2	1600	1060	1470	1050
	6.21	0.5	30	72	G1 1/2	1500	940	1415	890
DHH37LM	10.00	0.3	37	72	G2	2000	1120	1590	1180
	9.60	0.4	37	72	G2	2000	1120	1590	1180
	8.00	0.5	37	72	G2	2000	1120	1590	1180
DHH45LM	12.60	0.3	45	72	G2	2000	1120	1590	1260
	12.10	0.4	45	72	G2	2000	1120	1590	1260
	9.30	0.5	45	72	G2	2000	1120	1590	1260
DHH55LM	21.00	0.2	55	76	DN150	2100	1677	1892	2000
	15.61	0.3	55	76	DN150	2100	1677	1892	2000
	14.80	0.4	55	76	G2	2000	1120	1590	1350
	12.00	0.5	55	76	G2	2000	1120	1590	1350
DHH75LMH	29.50	0.2	75	76	DN150	2100	1677	1892	2100
	21.50	0.3	75	76	DN150	2100	1677	1892	2100
	21.00	0.4	75	76	DN150	2100	1677	1892	2100
	15.50	0.5	75	76	G2	2000	1120	1590	1450
DHH90LMH	36.00	0.2	90	76	DN150	3050	2000	2000	3300
	28.80	0.3	90	76	DN150	3050	2000	2000	3300
	22.60	0.4	90	76	DN150	3050	2000	2000	3300
	21.00	0.5	90	76	DN150	3050	2000	2000	3300
DHH110LMH	44.50	0.2	110	76	DN150	3050	2000	2000	3450
	35.50	0.3	110	76	DN150	3050	2000	2000	3450
	28.50	0.4	110	78	DN150	3050	2000	2000	3450
DHH132LMH	47.00	0.2	132	82	DN200	3720	2100	2150	4800
	44.50	0.3	132	82	DN200	3720	2100	2150	4800
	35.30	0.4	132	82	DN200	3720	2100	2150	4800
	28.30	0.5	132	82	DN200	3720	2100	2150	4800
DHH160LMH	55.70	0.2	160	82	DN200	3720	2100	2150	5100
	51.00	0.3	160	82	DN200	3720	2100	2150	5100
	44.00	0.4	160	82	DN200	3720	2100	2150	5100
DHH185LMH	58.00	0.3	185	85	DN250	4010	2250	2250	5800
	49.00	0.4	185	85	DN250	4010	2250	2250	5800
DHH200LMH	62.00	0.3	200	85	DN250	4010	2250	2250	6000
	55.30	0.4	200	85	DN250	4010	2250	2250	6000

Low-pressure Two-stage PM VSD Screw Air Compressor(LDM series)

- No gear two stage compression air end, avoid transaction loss and mechanical failure.
- The air end is driven by two separate PM motors and intelligently controlled to keep the highest working efficiency of the compressor.
- One-shaft structure driven for air end and motor, avoid coupling transaction loss and mechanical failure.
- IP65 oil cooled PM motor with higher efficiency and can be adapted to the poor and dusty working conditions.
- Unique optimized system with excellent input specific power.

DEHAHA TO BE GREAT

Energy-saving Principles

The oil injection screw air compressor adopts two-stage compression to improve the energy efficiency of the compressor. The two-stage compression screw air-end adopts two-stage compression,namely first stage compression and second stage compression.After the first stage compression,oil and gas mixing can be fully carried out between stages, reducing the two-stage compression suction temperature,thereby reducing power consumption.

Technical Parameters

Model	Air Delivery (m^3/min)		Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.45~0.5Mpa	0.55Mpa				Length	Width	Height	
DHH22LDM	5.50	5.00	22	68	G1 1/2	1500	940	1415	655
DHH30LDM	7.06	6.95	30	68	G2	1600	1060	1470	1138
DHH37LDM	10.00	9.20	37	68	G2	1600	1060	1470	1238
DHH45LDM	11.98	11.65	45	70	G2	2300	1300	1830	1734
DHH55LDM	15.57	15.48	55	70	DN65	2400	1630	1980	1880
DHH75LDM	18.51	18.32	75	72	DN65	2400	1630	1980	2000
DHH90LDM	22.92	22.51	90	72	DN65	2400	1630	1980	2080
DHH110LDM	26.81	26.11	110	72	DN80	2800	1828	2150	3200
DHH132LDM	32.50	31.98	132	78	DN80	2800	1828	2150	3300
DHH160LDM	41.11	40.68	160	78	DN100	3900	2100	1980	5000
DHH185LDM	43.88	43.52	185	78	DN100	3900	2100	1980	5800
DHH220LDM	55.31	55.06	220	85	DN125	4360	2250	2250	6500
DHH250LDM	62.10	60.12	250	85	DN125	4360	2250	2250	7200
DHH250LDMW	62.10	60.12	250	85	DN150	3800	2216	2250	7000
DHH280LDMW	70.00	68.00	280	85	DN150	3800	2216	2250	7500

Notes:
1. The volumetric flow rate is measured according to the standard GB/3853/T under the rated exhaust pressure.
2. Specifications and parameters are improved, and the manufacturer has the final interpretation right.
3. Standard configuration power supply: 380V 50HZ, if you need a special power supply, please specify when placing an order.

Oil-free Water Lube Air Compressor

Oil Free ——Totally Oil Free
Provides clean, pollution-free, 100% oil-free compressed air.

Water ——Lubrication, Sealing and Cooling
Ideal isothermal compression High efficiency (large air delivery)
Low rotation speed Low noise, low vibration and no need the overdrive gear
Low viscosity of lubrication water Easy to be separated with the air

All stainless steel pipe
Simple ,non-corrosive,non-polluting,high reliablity
Single Stage Compression ,High Efficiency ,and Energy Saving ,and Easy Maintenance.

Technical Parameters

Model	Air Delivery (m^3/min)			Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	0.8Mpa	1.0Mpa	1.25Mpa				Length	Width	Height	
DHH5WS	0.30-0.78	0.20-0.65	/	5	58	3/4”	800	800	1200	460
DHH7WS	0.35-1.15	0.30-1.02	0.24-0.81	7	58	3/4”	800	800	1200	510
DHH11WS	0.54-1.55	0.45-1.32	0.35-1.01	11	60	3/4”	1150	755	1340	620
DHH15WS	0.75-2.30	0.65-2.12	0.60-1.60	15	63	3/4”	1150	755	1340	670
DHH18WS	0.90-3.10	0.90-2.62	0.60-2.10	18	65	1”	1400	900	1450	730
DHH22WS	1.10-3.42	0.97-3.15	0.85-2.62	22	65	1”	1400	900	1450	780
DHH30WS	1.55-5.05	1.26-4.20	1.10-3.18	30	67	1 1/4”	1550	1150	1550	1150
							1500	1150	1300	
DHH37WS	1.91-6.10	1.60-5.25	1.42-4.85	37	67	1 1/4”	1550	1150	1550	1200
							1500	1150	1300	
DHH45WS	2.50-7.60	1.91-6.15	1.70-5.65	45	68	2”	1980	1300	1760	1490
							1980	1300	1680	
DHH55WS	3.00-9.60	1.91-6.15	2.30-7.45	55	70	2”	1980	1300	1760	1570
							1980	1300	1680	
DHH75WS	3.95-13.00	3.40-11.42	3.00-9.85	75	73	2”	2100	1600	1900	2250
							2200	1550	1800	1750
DHH90WS	5.00-16.25	4.30-14.55	3.72-12.30	90	73	2 1/2”	2400	1600	2000	3150
							2200	1550	1800	2450
DHH110WS	6.00-19.50	5.07-16.80	4.65-15.15	110	78	2 1/2”	3000	1700	2250	3150
							2200	1550	1800	2580
DHH132WS	6.75-19.50	6.00-20.30	5.07-18.25	132	78	2 1/2”	3000	1700	2250	3500
							2200	1550	1800	2700
DHH160WS	8.50-28.11	7.60-24.50	6.70-22.15	160	80	DN80	2700	1800	2050	3900
DHH185WS	10.00-33.65	8.72-28.50	7.75-24.50	185	80	DN80	2700	1800	2050	4050
DHH200WS	11.20-36.63	9.68-32.75	9.20-27.50	200	80	DN100	2700	1800	2050	4200
DHH220WS	12.20-39.50	11.20-35.80	9.00-29.50	220	80	DN100	2700	1800	2050	4400
DHH250WS	13.50-40.50	12.30-36.30	10.20-32.50	250	80	DN100	2700	1800	2050	4800

DEHAHA TO BE GREAT

Oil-free PM VSD Screw Air Blower

100% Oil-free
The compression chamber is completely oil-free and reach class 0, it provides users with clean and pollution-free low-pressure air.

Intelligent Control
Intelligent controller, support RS485 communication and joint control. Allows you to remotely and wirelessly access your device from PC, Pad, mobile phone, and check the running status of the device at any time.

Low Noise
Professional customized intake silencer and exhaust silencer, the whole machine is completely enclosed with a soundproof cover, which is 30dB(A) lower than the noise of Roots blower.

Technical Parameters

Model	Exhaust pressure (kpa)	40	50	60	70	80	90	100	110	120	130	140	150	Dimension (mm)	Exhaust caliber
DHH-XXX-BS	Air Delivery(m3/min)	8.68	7.40	6.20	5.60	5.00	4.60	5.70	5.20	4.80	4.40	4.00	6.00	1266*980*1510	DN125 PN1.6
	Power（kW）	11	11	11	11	11	11	15	15	15	15	15	22		
	Air Delivery(m3/min)	11.50	10.30	8.90	8.20	7.50	6.30	9.41	8.60	8.00	7.30	6.50	8.60		
	Power（kW）	15	15	15	15	15	15	22	22	22	22	22	30		
	Air Delivery(m3/min)	/	/	/	10.50	9.91	10.00	/	/	/	9.20	8.70	/		
	Power（kW）	/	/	/	18.5	18.5	22	/	/	/	30	30	/		
	Air Delivery(m3/min)	21.60	21.40	18.10	/	/	/	20.10	15.50	18.10	/	/	16.50	1900*1250*1720	DN200 PN1.0
	Power（kW）	18.5	22	22	/	/	/	37	30	37	/	/	45		
	Air Delivery(m3/min)	24.20	28.70	25.92	16.50	14.60	18.10	25.30	19.10	22.00	14.70	17.20	20.20		
	Power（kW）	22	30	30	22	22	30	45	37	45	37	45	55		
	Air Delivery(m3/min)	33.10	34.40	31.60	23.10	20.50	23.70	30.80	23.50	25.10	20.00	19. 50	28.20		
	Power（kW）	30	37	37	30	30	37	55	45	55	45	55	75		
	Air Delivery(m3/min)	40.50	40.60	38.30	28.22	25.74	28.22	/	28.10	33.10	25.00	29.00	/		
	Power（kW）	37	45	45	37	37	45	/	55	75	55	75	/		
	Air Delivery(m3/min)	/	/	/	31.10	30.00	34.60	/	37.60	/	31.00	/	/		
	Power（kW）	/	/	/	45	45	55	/	75	/	75	/	/		
	Air Delivery(m3/min)	/	/	/	43.00	38.00	/	/	/	/	/	/	/		
	Power（kW）	/	/	/	55	55	/	/	/	/	/	/	/		
	Air Delivery(m3/min)	50.50	53.00	46.80	59.50	55.00	50.00	47.40	45.00	47.20	41.10	41.00	37.20	2352*1500*2140	DN300 PN0.6
	Power（kW）	45	55	55	75	75	75	75	75	90	90	90	90		
	Air Delivery(m3/min)	65.2	/	60.00	/	65.50	56.00	55.00	50.00	51.50	48.20	50.50	46.70		
	Power（kW）	55	/	75	/	90	90	90	90	110	110	110	110		
	Air Delivery(m3/min)	/	/	/	/	/	/	/	/	/	59.60	59.00	56.20		
	Power（kW）	/	/	/	/	/	/	/	/	/	132	132	132		
	Air Delivery(m3/min)	/	73.50	79.00	75.30	/	77.20	73.50	64.20	64.00	77.30	75.00	68.30	2352*1600*2641	DN300 PN0.6
	Power（kW）	/	75	90	90	/	110	110	110	132	160	160	160		
	Air Delivery(m3/min)	82.10	83.50	90.40	88.00	80.50	83.30	80.00	75.20	81.80	89.1	81.5	76.90		
	Power（kW）	75	90	110	110	110	132	132	132	160	185	185	185		
	Air Delivery(m3/min)	92.10	100.00	/	101.00	97.10	97.60	92.00	80.20	96.5	96.4	90.5	81.30		
	Power（kW）	90	110	/	132	132	160	160	160	185	200	200	200		
	Air Delivery(m3/min)	129.70	129.50	109.10	118.70	108.50	118.10	107.90	107.60	107.30	107.00	106.70	106.40	3500*2255*2370	DN350 PN1.0
	Power（kW）	110	132	132	160	160	185	185	185	200	220	250	250		
	Air Delivery(m3/min)	150.00	162.70	139.40	139.10	128.50	128.20	117.80	117.50	117.20	116.90	126.70	126.40		
	Power（kW）	132	160	160	185	185	200	200	220	220	250	280	280		
	Air Delivery(m3/min)	/	/	162.40	149.60	138.80	138.50	127.90	137.90	127.30	127.00	137.00	136.70		
	Power（kW）	/	/	185	200	200	220	220	250	250	280	315	315		
	Air Delivery(m3/min)	/	/	/	162.10	149.30	161.50	148.70	148.40	137.60	147.80	147.50	147.20		
	Power（kW）	/	/	/	220	220	250	250	280	280	315	355	355		
	Air Delivery(m3/min)	/	/	/	/	161.80	/	161.20	160.90	160.60	160.20	/	/		
	Power（kW）	/	/	/	/	250	/	280	315	315	355	/	/		

Note: xxx represents power, and BS represents screw air blower.

Oil-free Scroll Screw Air Compressor

The compression process of the oil-free scroll is realized by the rotating motion of the stationary scroll and the movable scroll.

The air enters from the outside of the main engine. After the air is sucked in, the movable scroll closes the air inlet. With the rotation of the movable scroll, the air is continuously compressed, and the compressed oil-free air is discharged from the center of the stationary scroll.

This process is repeated continuously to ensure that the discharged compressed air is continuous and without fluctuation.

- **100% oil-free**

  Wide range of application industries, especially suitable for users who have high requirements for compressed air oil content.

- **quiet operation**

  Scroll air compressors operate with extremely low noise and a healthier working environment.

- **Easy to install**

  It occupies a small area and can be installed near the gas point, thereby reducing the installation of compressed air pipe network and effectively reducing the installation cost of the pipe network.

- **Easy maintenance**

  There is no need to replace or add lubricating oil, only a small amount of consumables need to be replaced regularly, and the maintenance cost is low.

- **Zero emission**

  Only condensate is discharged, no harmful substances are discharged, in line with sustainable development goals.

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Technical Parameters

Model	Air Delivery (m^3 /min)	Power (kW)	Host architecture	Working pressure (Mpa)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
							Length	Width	Height	
DHH2OS	0.24	2.2	2.2*1	0.8	58±2	1/2	640	660	890	200
DHH3OS	0.41	3.7	3.7*1	0.8	58±2	1/2	640	660	890	220
DHH3OS	0.36	3.7	3.7*1	1.0	58±2	1/2	640	660	890	220
DHH5OS	0.60	5.5	5.5*1	0.8	58±2	1/2	640	660	890	240
DHH7OS	0.82	7.5	3.7*2	0.8	58±2	3/4	1000	690	990	300
DHH7OS	0.72	7.5	3.7*2	1.0	58±2	3/4	1000	690	990	300
DHH11OS	1.25	11	5.5*2	0.8	58±2	3/4	1000	690	990	340
DHH11OS	1.25	11	3.7*3	0.8	58±2	3/4	1150	690	1700	430
DHH11OS	1.08	11	3.7*3	1.0	58±2	3/4	1150	690	1700	430
DHH15OS	1.66	15	3.7*4	0.8	62±2	1	1490	1150	1290	620
DHH15OS	1.44	15	3.7*4	1.0	62±2	1	1490	1150	1290	620
DHH16OS	1.80	16.5	5.5*3	0.8	62±2	1	1150	690	1700	490
DHH18OS	2.14	18.5	3.7*5	0.8	65±2	1	1490	1150	1700	840
DHH18OS	1.77	18.5	3.7*5	1.0	65±2	1	1490	1150	1700	840
DHH22OS	2.55	22	5.5*4	0.8	65±2	1	1490	1150	1700	700
DHH22OS	2.55	22	3.7*6	0.8	65±2	1	1490	1150	1700	910
DHH22OS	2.11	22	3.7*6	1.0	68±2	1	1490	1150	1700	910
DHH30OS	3.40	30	3.7*8	0.8	68±2	5/4	1490	1150	2140	1140
DHH30OS	2.81	30	3.7*8	1.0	68±2	5/4	1490	1150	2140	1140
DHH33OS	3.60	33	5.5*6	0.8	68±2	5/4	1490	1150	1700	1010

Dry Oil-free Screw Air Compressor

The dry oil-free air compressor is strictly in accordance with the IS08537-1 industry standard to produce pure and high standardCLASS 0 oil-free compressed air ensures that the compressed air is free of lubricants..

Technical Parameters

Model	Working Pressure (Mpa)		Air Volume (m³/min)		Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	bar(e)	psig	50Hz	60Hz				Length	Width	Height	
DHH45DS	7 8 10	102 116 145	7.07 7.03 5.51	7.16 6.48 5.37	45	80	R1-1/2	2500	1600	2080	2630
DHH55DS	7 8 10	102 116 145	9.37 9.34 8.11	8.87 8.25 7.10	55	80	R1-1/2	2500	1600	2080	2650
DHH75DS	7 8 10	102 116 145	12.72 12.69 11.58	12.60 11.69 10.43	75	82	DN50	2500	1600	2080	2850
DHH75DSW	7 8 10	102 116 145	12.72 12.69 11.58	12.60 11.69 10.43	75	82	DN50	2300	1600	1790	2800
DHH90DS	7 8 10	102 116 145	13.66 13.64 12.64	14.62 14.60 12.86	90	82	DN50	2500	1600	2080	2850
DHH90DSW	7 8 10	102 116 145	13.66 13.64 12.64	14.62 14.60 12.86	90	82	DN50	2300	1600	1790	2800
DHH110DS	7 8 10	102 116 145	19.16 19.13 16.72	17.50 17.47 15.41	110	85	DN65	2800	1800	1860	3050
DHH110DSW	7 8 10	102 116 145	19.16 19.13 16.72	17.50 17.47 15.41	110	85	DN65	2800	1800	1860	3050
DHH132DS	7 8 10	102 116 145	22.63 22.60 20.28	23.29 23.27 20.46	132	85	DN65	2800	1800	1860	3385
DHH132DSW	7 8 10	102 116 145	22.63 22.60 20.28	23.29 23.27 20.46	132	85	DN65	2800	1800	1860	3385
DHH160DS	7 8 10	102 116 145	27.40 27.38 23.98	27.28 27.26 26.38	160	85	DN65	2800	1800	1860	3385
DHH160DSW	7 8 10	102 116 145	27.40 27.38 23.98	27.28 27.26 26.38	160	85	DN65	2800	1800	1860	3385
DHH185DS	7 8 10	102 116 145	30.37 30.34 27.34	31.20 31.04 29.16	185	85	DN65	2800	1800	1860	3685
DHH185DSW	7 8 10	102 116 145	30.37 30.34 27.34	31.20 31.04 29.16	185	85	DN65	2800	1800	1860	3685
DHH200DSW	7 8 10	102 116 145	34.17 34.14 30.55	34.82 34.78 28.42	200	88	DN100	3100	2150	2200	4500
DHH220DSW	7 8 10	102 116 145	36.71 36.66 34.03	37.35 37.30 31.30	220	88	DN100	3100	2150	2200	4750
DHH250DSW	7 8 10	102 116 145	43.71 43.66 39.16	44.27 44.24 37.20	250	90	DN100	3100	2150	2200	4950
DHH280DSW	7 8 10	102 116 145	47.65 47.61 43.58	47.25 47.21 41.23	280	92	DN100	3400	2400	2200	5100
DHH315DSW	7 8 10	102 116 145	52.44 52.40 47.53	52.30 52.27 46.60	315	92	DN100	3400	2400	2200	5150
DHH355DSW	7 8 10	102 116 145	70.38 69.56 58.66	71.97 59.60 58.65	355	92	DN125	3800	2350	2400	6800
DHH400DSW	7 8 10	102 116 145	80.75 71.55 69.43	77.36 71.75 62.87	400	92	DN125	3800	2350	2400	7200

DEHAHA TO BE GREAT

- **Germany original imported air end**

  The main engine imported from Germany is used to ensure durability and high quality, giving the production of pure air, provide more suitable performance.

- **Cutting-edge pure screw technology**

  The special main engine developed with unique technology, and the special coating screw rotor is applied, to ensure the durability and high efficiency of the product, and to provide pure compressed air.

- **Intelligent control system**

  Equipped with a large LCD display screen, it is easy to operate. When the air compressor needs to be maintained or fails, the display screen will automatically give an early warning to remind customers to maintain or troubleshoot in time.

- **Interlocking control function**

  Alternate and follow-up operation can be performed by connecting the line between 2 compressors according to the setting.The main engine and the auxiliary engine are switched in time. When the air volume is insufficient and one fails, it will run alternately.

Technical Parameters

Model	Working Pressure (Mpa)		Air Volume (m³/min)		Power (kW)	Noise (Db)	Outlet diameter	Dimension (mm)			Weight (Kg)
	bar(e)	psig	50Hz	60Hz				Length	Width	Height	
DHH55LDS-2	2.5	37	15.33	14.44	55	69	DN80	2400	1800	1700	2500
DHH55LDS-3	3.5	51	12.78	10.85	55	69	DN80	2400	1800	1700	2500
DHH75LDS-2	2.5	37	19.92	20.35	75	69	DN80	2400	1800	1700	2650
DHH75LDS-3	3.5	51	16.30	15.87	75	69	DN80	2400	1800	1700	2650
DHH90LDS-2	2.5	37	26.07	26.45	90	72	DN80	2400	1800	1700	2750
DHH90LDS-3	3.5	51	19.54	19.49	90	72	DN80	2400	1800	1700	2750
DHH110LDSW-2	2.5	37	33.16	29.90	110	72	DN125	3000	2000	2000	3500
DHH110LDSW-3	3.5	51	25.60	23.92	110	72	DN80	2400	1800	1700	3000
DHH132LDSW-2	2.5	37	40.24	40.98	132	72	DN125	3000	2000	2000	3600
DHH132LDSW-3	3.5	51	27.23	29.43	132	72	DN80	2400	1800	1700	3100
DHH160LDSW-2	2.5	37	49.42	49.21	160	76	DN125	3000	2000	2000	3900
DHH160LDSW-3	3.5	51	35.75	34.98	160	76	DN125	3000	2000	2000	3800
DHH185LDSW-2	2.5	37	56.02	57.17	185	79	DN125	3000	2000	2000	4100
DHH185LDSW-3	3.5	51	42.21	44.16	185	79	DN125	3000	2000	2000	4000

Refrigerant Air Dryer

- **Energy saving.** Aluminum alloy three-in-one heat exchanger design, under the same processing capacity, the total input power is reduced by 15-50%.
- **High efficiency.** Guide fins are added to the integrated heat exchanger to make the compressed air uniform inside
- **Intelligent.** Multi-channel temperature and pressure monitoring, real-time display of dew point temperature, self-diagnosis function, automatic protection of equipment.
- **Environmental protection.** This series of models all use R134a and R410a environmentally friendly refrigerants, and the degree of damage to the atmosphere is zero.
- **Stable.** Standard constant pressure expansion valve, intelligent temperature control, stable operation even when the intake air temperature reaches 65°C and the ambient temperature reaches 42°C.

TR series working condition

Ambient temperature :	38°C, Max.42°C
Inlet temperature :	38°C, Max.65°C
Working pressure :	0.7MPa, Max.1.6MPa
Pressure dew point :	2°C~10°C (Atmospheric dew point: -23°C~ -17°C)
Installation request :	Avoid direct sunlight & rain, good ventilation, Install horizontally on the hard ground, no dust and fluff etc.

TR series Environmental Protection Refrigerant Air Dryer

Technical Parameters

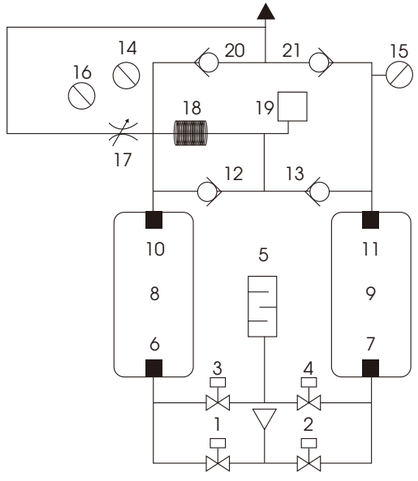
	Model	DHH-TR01	DHH-TR02	DHH-TR03	DHH-TR06	DHH-TR08	DHH-TR10	DHH-TR12
Capacity	m^3/min	1.2	2.4	3.6	6.5	8.5	10.5	13
Power supply		220V 3PH 50HZ/60HZ						
Input power	kW	0.37	0.52	0.735	1.26	1.87	2.43	2.63
Air pipe connection		RC3/4"		RC1"	RC1-1/2"	RC2"		
Evaporator type		Aluminum alloy plate						
Refrigerant model		R134a		R410a				
Display		LED dew point display, LED alarm code display, operation status indication						
Anti-freezing protection		Constant pressure expansion valve & compressor automatic start /stop						
Temperature control		Automatic control of condensing temperature / dew point temperature						
High voltage protection		Temperature sensor		Temperature sensor&Inductive intelligent protection				
Low voltage protection		Temperature sensor&Inductive intelligent protection						
Weight	Kg	34	42	50	63	73	85	94
Dimension	L	480	520	640	700	770	770	800
	W	380	410	520	540	590	590	610
	H	665	725	850	950	990	990	1030

	Model	DHH-TR15	DHH-TR20	DHH-TR25	DHH-TR30	DHH-TR40	DHH-TR50	DHH-TR60	DHH-TR80
Capacity	m^3/min	17	23	27	33	42	55	65	85
Power supply		380V 3PH 50HZ/60HZ							
Input power	kW	3.7	4.9	5.8	6.1	8	9.2	10.1	12
Air pipe connection		DN50	DN65	DN80	DN80	DN100	DN100	DN100	DN125
Evaporator type		Aluminum alloy plate							
Refrigerant model		R407C							
Display		LED dew point display, LED alarm code display, operation status indication							
Anti-freezing protection		Constant pressure expansion valve & compressor automatic start /stop							
Temperature control		Automatic control of condensing temperature / dew point temperature							
High voltage protection		Temperature sensor&Inductive intelligent protection							
Low voltage protection		Temperature sensor&Inductive intelligent protection							
Weight	Kg	180	210	350	420	550	680	780	920
Dimension	L	1100	1200	1200	1450	1450	1600	1650	1850
	W	850	900	950	1000	1100	1200	1200	1350
	H	1143	1203	1273	1523	1683	1700	1700	1850

Desiccant Air Dryer

- Strictly in accordance with ISO9001, GB150 standard, ISO7183 air dryer standard, QS, pressure vessel inspection specifications for design manufacturing, production and testing to ensure safe and reliable operation of products.
- Reasonable tower structure and control procedures to ensure the contact time of compressed air and desiccant.
- The adsorbent adopts international high-purity alumina, molecular sieve, vacuum negative pressure filling method, is not easy to be powdered, and has a long service life.
- Adopting the adsorption tank with the pressure vessel certificate, the safety performance is guaranteed.
- The intelligent controller is used to display the running parameters in real time with high precision, better system stability and easy operation.
- High-performance pneumatic control valve with fast action response, long service life and good stability; equipped with standard low-power solenoid valve, high precision and fast response.
- Silencer, multi-layer fiber material, uniquely designed mechanical noise reduction, lower noise.
- The heater has high strength performance, high pressure resistance, electric shock resistance and good heating insulation.

Heated regenerative adsorption dryer flow chart



1.2 Intake valve
3.4 Regenerative exhaust valve
5 Silencer
6.7 Intake diffuser
8.9 Adsorption tank
10.11 Diffuser
12.13 Regenerative check valve
14.15 A.B tower pressure gauge
16 Regenerative pressure gauge
17 Regenerative gas regulating valve
18 Heater
19 Temperature probe
20.21 Outlet check valve

Working conditions

IAT.	≤38℃
Working Pressure	0.6~0.95Mpa
Air Consumption	≤7%
Inlet Oil Content	≤0.1ppm
Pressure Dew Point	-20~-40℃
Adsorbent	Alumina, molecular sieving
Control Mode	Microcomputer Automatic Control

Note: Other standards can be customized

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Technical Parameters

Model	Air Capacity (Nm^3/min)	Adsorbent Weight (Kg)	Power (kW)	Inlet/Outlet (PT)	Dimension (mm)			Weight (Kg)
					Length	Width	Height	
QE-026	2.6	60	1.5	G1"	910	550	1390	273

Air Receiver Tank

Gas tank is not only for air storage but stabilize system pressure.

Function:

- Energy storage.
- Steady gas pressure.
- Relieve the damage caused by impulse pressure direct impact equipment.
- Ensure the stability and continuity of the output gas.
- Separation of moisture and impurities in the gas preliminarily.

Carbon Steel Gas Tank (0.8Mpa~1.3Mpa)

Serial number	Specifications Volume/work pressure	Container height (mm)	inside diameter of vessel	Gas inlet (mm)		Gas outlet (mm)		Support		Drain valve connector	Safety valve connector	Air compressor (m^3/min)	Weight(Kg)	
	(m^3/Mpa)	H1	Φ	H2	DN	H3	DN	D	d				Flange	Threaded
1	0.6/0.8	2102	650	680	40	1680	40	460	24	R1/2"	R1/2"	4~5	146	139
2	0.6/1.0	2104		681		1680							170	163
3	0.6/1.3	2104		681		1680							158	151
4	1.0/0.8	2180	800	716	40	1716	40	560	24	R1/2"	R3/4"	8~10	215	208
5	1.0/1.0	2182		716		1716							200	194
6	1.0/1.3	2183		720		1716							250	244
7	1.5/0.8	2460	950	692	40	1942	40	660	24	R1/2"	R3/4"	12~15	278	270
8	1.5/1.0	2460		692		1942							278	270
9	1.5/1.3	2460		694		1944							362	354
10	2.0/0.8	2600	1100	760	50	2210	50	740	24	R1/2"	R1 1/4"	16~20	342	334
11	2.0/1.0	2600		760		2210							375	367
12	2.0/1.3	2600		760		2210							442	434
13	3.0/0.8	2850	1300	1210	80	2160	80	950	24	R3/4"	R1 1/2"	24~30	513	
14	3.0/1.0	2850		1210		2160							599	
15	3.0/1.3	2850		1210		2160							767	
16	4.0/0.8	3640	1300	1210	80	2960	80	950	25	R3/4"	R1 1/2"	32~40	636	
17	4.0/1.0	3640		1210		2960							751	
18	4.0/1.3	3642		1210		2960							901	
19	5.0/0.8	3880	1400	910	100	3210	80	1050	30	R3/4"	R2"	40~50	794	
20	5.0/1.0	3880		910		3210							960	
21	5.0/1.3	3884		910		3210							1152	
22	6.0/0.8	4540	1400	1230	125	3730	80	1050	30	R3/4"	R2"	48~60	891	
23	6.0/1.0	4540		1230		3730							1043	
24	6.0/1.3	4540		1230		3730							1252	
25	8.0/0.8	4560	1600	1125	125	3785	125	1200	30	R1"	R2"	64~80	1260	
26	8.0/1.0	4560		1125		3785							1650	
27	8.0/1.3	4565		1125		3785							1980	
28	10/0.8	4680	1800	1258	125	3658	125	1350	30	R1"	R2"	80	1848	
29	10/1.0	4680		1258		3658							1848	
30	10/1.3	4682		1258		3658							2218	
31	15/0.8	5785	2000	1241	125	4441	125	1500	30	R1"	R2"	80	2502	
32	15/1.0	5785		1241		4441							2502	
33	15/1.3	5785		1241		4441							3002	
34	20/0.8	6088	2200	1446	125	4846	125	1540	30	R1"	R2"	80	2885	
35	20/1.0	6088		1446		4846							3590	
36	20/1.3	6088		1446		4846							4360	
37	25/0.8	6224	2400	1420	125	5000	125	1800	30	R1"	R2"	80	3404	
38	25/1.0	6228		1422		5000							4122	
39	25/1.3	6232		1424		5000							5000	
40	30/0.8	6600	2600	1650	150	4850	150	1950	30	R1"	R2 1/2"	80	4640	
41	30/1.0	6600		1650		4850							4640	
42	30/1.3	6600		1650		4850							5700	
43	40/0.8	8150	2600	1637	150	6637	150	1950	30	R1 1/2"	R2 1/2"	80	5800	
44	40/1.0	8150		1637		6637							5800	
45	40/1.3	8158		1640		6640							7022	
46	50/0.8	9402	2800	2000	150	4500	150	1920	30	R1 1/2"	R2 1/2"	80	7036	
47	50/1.0	9406		2000		4500							8450	
48	50/1.3	9410		2000		4500							9720	

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Precision Line Filter

Precision filters provide users with high-quality compressed air filtration, which is specially used in laser cutting, bottle blowing, food, advanced spraying, electronics and other industries. By installing precision filters, compressor air pollutants (such as oil, water, dust, etc.) can be effectively removed.

***Represents the filter level**

Level C filtration accuracy: 3 microns, oil content: 3 ppm

Level T filtration accuracy: 1 micron, oil content: 1 ppm

Level A filtration accuracy: 0.01 micron, oil content: 0.01 ppm

Level H (activated carbon) filtration accuracy: 0.01 micron

Oil content: 0.001ppm

Technical Parameters

Model	Connection Size	Flow Rate (Nm^3/min)	Working pressure (Mpa)	Dimensions（mm）		Matching filter element E Series
				Width	Height	
DHH-01	RC1"	1.5m^3/min	0.7~1.3	105	285	E*16*1
DHH-02	RC1"	2.4m^3/min	0.7~1.3	105	285	E*20*1
DHH-04	RC1-1/2"	4m^3/min	0.7~1.3	125	350	E*24*1
DHH-07	RC1-1/2"	8.5m^3/min	0.7~1.3	125	480	E*32*1
DHH-10	RC2"	11m^3/min	0.7~1.3	140	610	E*36*1
DHH-13	RC2"	13m^3/min	0.7~1.3	140	610	E*36*1
DHH-15	RC2-1/2"	17m^3/min	0.7~1.3	150	900	E*40*1
DHH-20 Thread	RC2-1/2"	20m^3/min	0.7~1.3	200	1060	E*44*1
DHH-20 Flange	DN65	20m^3/min	0.7~1.3	320	1060	E*44*1
DHH-25	DN80	25m^3/min	0.7~1.3	320	1180	E*48*1
DHH-30	DN80	30m^3/min	0.7~1.3	430	1150	E*40*2
DHH-40	DN100	40m^3/min	0.7~1.3	430	1090	E*44*2
DHH-50	DN100	50m^3/min	0.7~1.3	490	1280	E*48*2
DHH-60	DN125	60m^3/min	0.7~1.3	540	1200	E*44*3
DHH-80	DN125	80m^3/min	0.7~1.3	540	1380	E*48*3
DHH-100	DN150	100m^3/min	0.7~1.3	600	1435	E*48*4
DHH-01H16	RC1"	1.5m^3/min	1.6	95	235	HE*16*1
DHH-02H16	RC1"	2.4m^3/min	1.6	95	276	HE*20*1
DHH-04H16	RC1-1/2"	4m^3/min	1.6	123	302	HE*24*1
DHH-07H16	RC1-1/2"	8.5m^3/min	1.6	123	420	HE*32*1
DHH-10H16	RC2"	11m^3/min	1.6	170	545	HE*36*1
DHH-13H16	RC2"	13m^3/min	1.6	170	545	HE*36*1
DHH-01H30	RC1"	1.5m^3/min	3.0	80	213	HE*16*1
DHH-02H30	RC1"	2.4m^3/min	3.0	80	213	HE*20*1
DHH-04H30	RC1-1/2"	4m^3/min	3.0	102	265	HE*24*1
DHH-07H30	RC1-1/2"	8.5m^3/min	3.0	117	405	HE*32*1
DHH-10H30	RC2"	11m^3/min	3.0	117	505	HE*36*1
DHH-13H30	RC2"	13m^3/min	3.0	148	610	HE*36*1

Qualification

INTELLIGENT DHH PM VSD COMPRESSOR LEADING BRAND IN COMPRESSOR INDUSTRY