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卓颖机械 (上海) 有限公司  
JOY MACHINERY (SHANGHAI) CO.,LTD.

卓颖机械  
产品样册

PRODUCTS  
CATALOGUE





## COMPANY PROFILE

JOY MACHINERY (SHANGHAI) CO., LTD. specializes in air compressors, committed to providing customers with stable, energy-saving, efficient and intelligent compressed air solutions, offering global users to enjoy the unique and beautiful experience of JOY MACHINERY products.

JOY MACHINERY strictly follows the ISO9001 international quality system and can provide a comprehensive range of intelligent air compressor products, including but not limited to: low-pressure, normal pressure, high-pressure screw air compressors, permanent magnet variable frequency two-stage compression air compressors, oil-free air compressors, mobile air compressors, and post-treatment equipment. The product is widely used in fields such as mechanical manufacturing, food and medicine, and petrochemicals etc. The company adheres to the corporate philosophy of "customer satisfaction is our unwavering pursuit", our products are exported to countries and regions such as Asia, Europe, America, Africa, etc., gaining a good market reputation.

JOY MACHINERY (SHANGHAI) CO., LTD. welcomes customers from all walks of life to join hands and create a better future together, with the slogan "Extraordinary quality, Leading Technology"!



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## Stationary Screw Air Compressor

# Screw air compressor structure



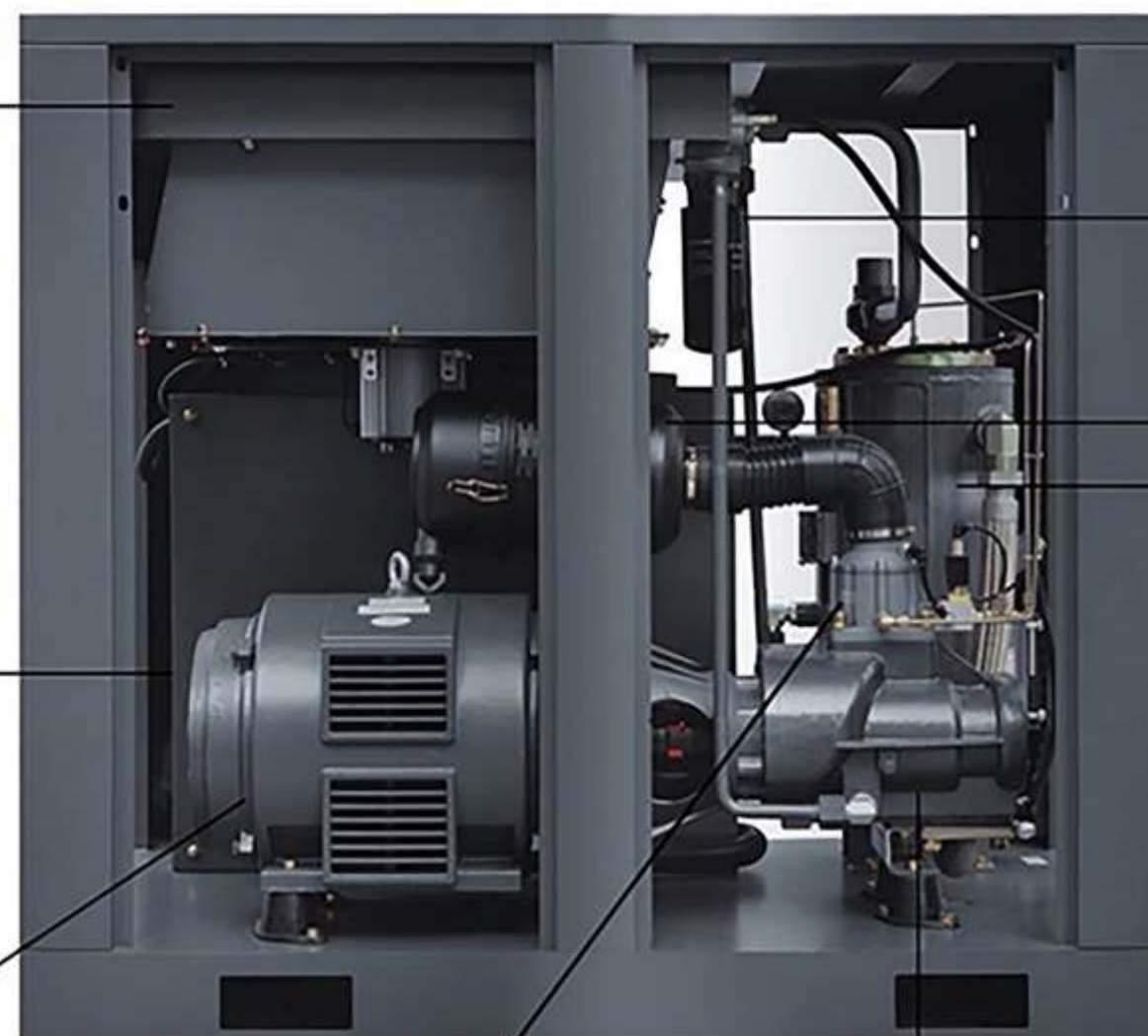
Easy-to-operate control system



Schneider electric components



Class F insulated motor, SKF heavy-duty bearing  
Energy efficiency is 3-5% higher than similar product



Oil filter



Air filter



Oil/air separator



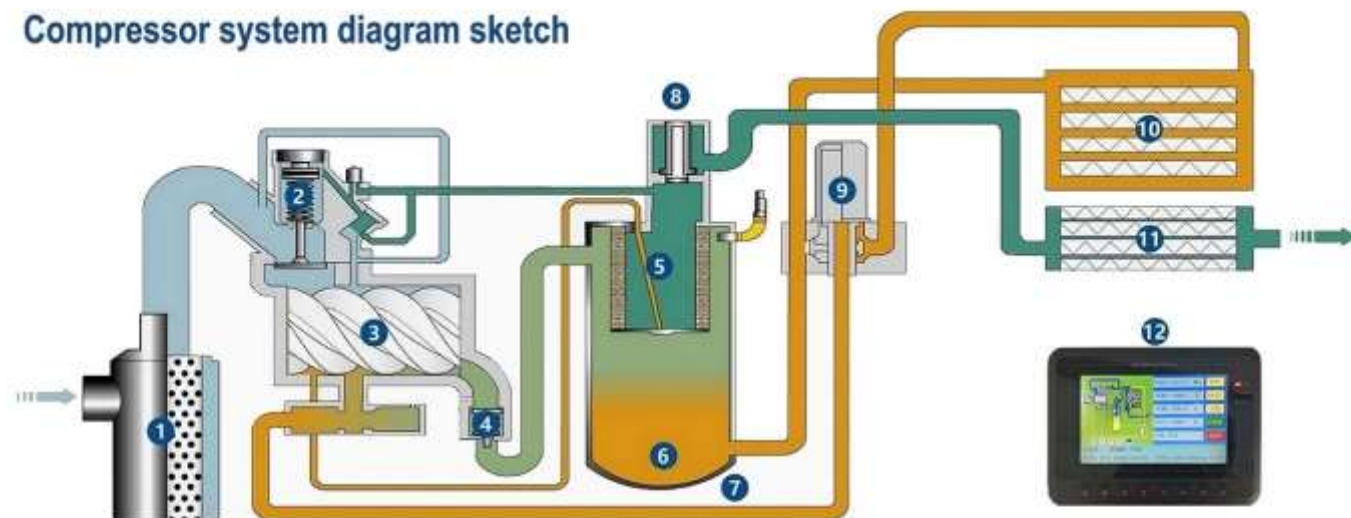
0-100% automatic adjustment  
of air intake valve



High quality, high efficient air end



## Compressor system diagram sketch



- |               |                             |                 |                 |
|---------------|-----------------------------|-----------------|-----------------|
| ① Air Filter  | ⑤ Oil-Gas Bucket            | ⑨ Oil Filter    | Intake Pipe     |
| ② Inlet Valve | ⑥ Oil                       | ⑩ Oil Cooler    | Oil Pipe        |
| ③ Air End     | ⑦ Oil Air Separator Element | ⑪ Air Cooler    | Air Pipe        |
| ④ Check Valve | ⑧ Min. Pressure Valve       | ⑫ Control Panel | Gas-Oil Mixture |

## Start-up of screw air compressor

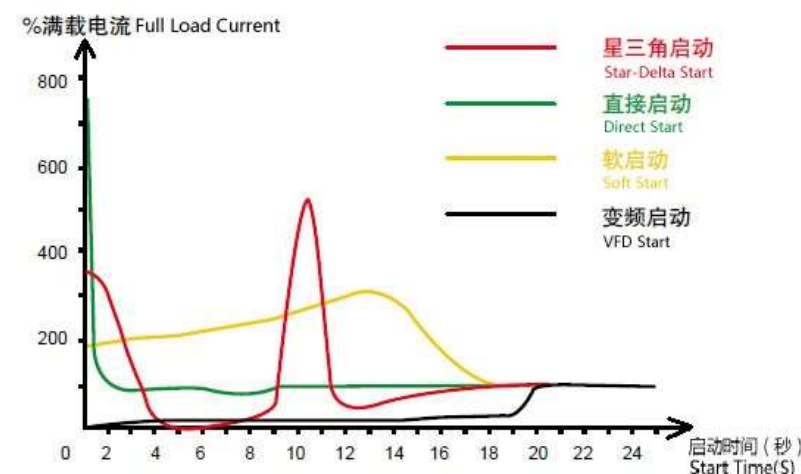
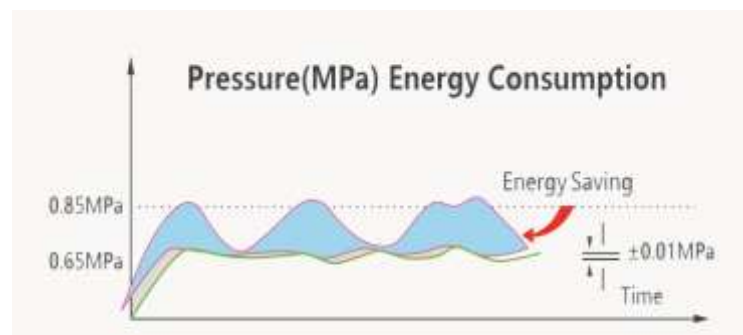


Diagram is shown in comparison with several methods of star, you can find frequency converted air compressor is slowly accelerated, which can start more smoothly, completely avoid the peak current.

## Constant pressure, energy-saving



## Cost Comparison



## Main components of oil lubricated screw air compressor



### Advanced double compression air end

The most energy-efficient isothermal compression with two-stage energy-saving up to 10%-30% ; Double stage compression, small compression ratio, less leakage, greatly improved bearing life.



### Efficient permanent magnet synchronous motor

Made of rare earth permanent magnet materials, the big torque, small current; The working frequency range of energy-saving motors is wider and the operating noise is lower.



### Special valves

Dedicated intake valve, easy to start unit with automatic adjustment, low flow rate, low intake noise; Reliable MPV, low pressure loss, precise control, no flow back.



### Advanced and reliable electronic control system

Large size color LCD touch screen with excellent human-machine communication interface; Customized vector inverter fully monitors various parameters: voltage, three-phase imbalance, overvoltage, overtemperature, etc.;



### Silent centrifugal fan

Compared to axial flow fans, centrifugal fans have better cooling effects and are more energy-efficient; Higher wind pressure and lower noise;



### High quality filters

Choose a good filtering material with high filtration accuracy, good durability, and low pressure loss.



### High quality and efficient couplings

The coupling is a torsional elastic coupling with failure protection function. It can effectively dampen and reduce the vibrations and impacts generated during operation.



## Fixed Speed Screw Air Compressor (7.5-355KW)



### Product Feature

- High-performance air end, stable quality
- Suitable for various harsh environments, it can operate well in ambient temperatures ranging from -5 to 45℃
- 24-hour continuous operation
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |          |              |       |                |         |        |
|-------------------------------|-------|----------|--------------|-------|----------------|---------|--------|
| Model                         | Power | Pressure | Air Delivery | Noise | Dimension      | Size    | Weight |
|                               | KW    | Mpa      | m³/min       | DB    | L*W*H (mm)     | Outlet  | KG     |
| JM-7.5A                       | 7.5   | 0.7      | 1.2          | 62±2  | 900*650*860    | G1/2"   | 190    |
|                               |       | 0.8      | 1.1          |       |                |         |        |
|                               |       | 1.0      | 0.9          |       |                |         |        |
|                               |       | 1.3      | 0.7          |       |                |         |        |
| JM-11A                        | 11    | 0.7      | 1.7          | 64±2  | 1150*750*960   | G3/4"   | 320    |
|                               |       | 0.8      | 1.6          |       |                |         |        |
|                               |       | 1.0      | 1.3          |       |                |         |        |
|                               |       | 1.3      | 1.0          |       |                |         |        |
| JM-15A                        | 15    | 0.7      | 2.4          | 64±2  | 1150*750*960   | G3/4"   | 340    |
|                               |       | 0.8      | 2.2          |       |                |         |        |
|                               |       | 1.0      | 2.0          |       |                |         |        |
|                               |       | 1.3      | 1.6          |       |                |         |        |
| JM-18.5A                      | 18.5  | 0.7      | 2.9          | 66±2  | 1350*850*1110  | G1"     | 400    |
|                               |       | 0.8      | 2.8          |       |                |         |        |
|                               |       | 1.0      | 2.7          |       |                |         |        |
|                               |       | 1.3      | 2.2          |       |                |         |        |
| JM-22A                        | 22    | 0.7      | 3.5          | 66±2  | 1350*850*1110  | G1"     | 430    |
|                               |       | 0.8      | 3.4          |       |                |         |        |
|                               |       | 1.0      | 3.2          |       |                |         |        |
|                               |       | 1.3      | 2.5          |       |                |         |        |
| JM-30A                        | 30    | 0.7      | 4.7          | 70±2  | 1350*850*1110  | G1"     | 460    |
|                               |       | 0.8      | 4.6          |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | 3.1          |       |                |         |        |
| JM-37A                        | 37    | 0.7      | 6.4          | 72±2  | 1500*1000*1350 | G1 1/2" | 650    |
|                               |       | 0.8      | 6.3          |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | 4.7          |       |                |         |        |
| JM-45A                        | 45    | 0.7      | 7.3          | 72±2  | 1500*1000*1350 | G1 1/2" | 700    |
|                               |       | 0.8      | 7.2          |       |                |         |        |
|                               |       | 1.0      | 6.2          |       |                |         |        |
|                               |       | 1.3      | /            |       |                |         |        |
| JM-55A                        | 55    | 0.7      | 9.4          | 75±2  | 1700*1210*1550 | G2 1/2" | 1100   |
|                               |       | 0.8      | 9.3          |       |                |         |        |
|                               |       | 1.0      | 7.1          |       |                |         |        |
|                               |       | 1.3      | 6.1          |       |                |         |        |
| JM-75A                        | 75    | 0.7      | 12.5         | 75±2  | 1700*1210*1550 | G2 1/2" | 1200   |
|                               |       | 0.8      | 12.2         |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | 9.1          |       |                |         |        |
| JM-90A                        | 90    | 0.7      | 15.5         | 75±2  | 2100*1400*1650 | G2 1/2" | 1500   |
|                               |       | 0.8      | 15.0         |       |                |         |        |
|                               |       | 1.0      | 12.1         |       |                |         |        |
|                               |       | 1.3      | /            |       |                |         |        |
| JM-110A                       | 110   | 0.7      | 20.1         | 78±2  | 2250*1510*1850 | DN65    | 1800   |
|                               |       | 0.8      | 19.9         |       |                |         |        |
|                               |       | 1.0      | 14.8         |       |                |         |        |
|                               |       | 1.3      | 12.0         |       |                |         |        |
| JM-132A                       | 132   | 0.7      | 23.0         | 78±2  | 2250*1510*1850 | DN65    | 1900   |
|                               |       | 0.8      | 22.5         |       |                |         |        |
|                               |       | 1.0      | 19.7         |       |                |         |        |
|                               |       | 1.3      | 14.6         |       |                |         |        |
| JM-160A                       | 160   | 0.7      | 28.0         | 82±2  | 2900*1800*2100 | DN100   | 3000   |
|                               |       | 0.8      | 28.0         |       |                |         |        |
|                               |       | 1.0      | 24.5         |       |                |         |        |
|                               |       | 1.3      | 21.5         |       |                |         |        |
| JM-185A                       | 185   | 0.7      | 30.5         | 82±2  | 2900*1800*2100 | DN100   | 3500   |
|                               |       | 0.8      | 30.0         |       |                |         |        |
|                               |       | 1.0      | 27.0         |       |                |         |        |
|                               |       | 1.3      | 22.5         |       |                |         |        |
| JM-200A                       | 200   | 0.7      | /            | 82±2  | 3800*2300*2300 | DN125   | 4800   |
|                               |       | 0.8      | /            |       |                |         |        |
|                               |       | 1.0      | 29.2         |       |                |         |        |
|                               |       | 1.3      | 25.5         |       |                |         |        |
| JM-220A                       | 220   | 0.7      | 42.0         | 85±2  | 3800*2300*2300 | DN125   | 5000   |
|                               |       | 0.8      | 41.5         |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | 28.5         |       |                |         |        |
| JM-250A                       | 250   | 0.7      | 44.0         | 85±2  | 3800*2300*2200 | DN125   | 5900   |
|                               |       | 0.8      | 43.5         |       |                |         |        |
|                               |       | 1.0      | 41.2         |       |                |         |        |
|                               |       | 1.3      | 32.0         |       |                |         |        |
| JM-280A                       | 280   | 0.7      | /            | 85±2  | 3800*2300*2200 | DN125   | 6500   |
|                               |       | 0.8      | /            |       |                |         |        |
|                               |       | 1.0      | 43.0         |       |                |         |        |
|                               |       | 1.3      | 41.0         |       |                |         |        |
| JM-315A                       | 315   | 0.7      | /            | 86±2  | 3800*2300*2200 | DN125   | 7000   |
|                               |       | 0.8      | /            |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | 42.5         |       |                |         |        |
| JM-355A                       | 355   | 0.7      | 62.0         | 86±2  | 4300*2300*2430 | DN150   | 8000   |
|                               |       | 0.8      | 61.0         |       |                |         |        |
|                               |       | 1.0      | /            |       |                |         |        |
|                               |       | 1.3      | /            |       |                |         |        |

A represents compressor is cooled by air. W represents compressor is cooled by water.

## Permanent Magnet (PM) Screw Air Compressor (7.5-250KW)



### Product Feature

- High-performance air end, stable quality
- High-efficiency PM motor, energy-saving and superior performance
- Intelligent PLC frequency conversion technology, remote and constant pressure control, achieving energy savings of up to approximately 35% compared to fixed speed compressors
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |          |              |       |                                        |                       |                    |
|-------------------------------|-------|----------|--------------|-------|----------------------------------------|-----------------------|--------------------|
| MODEL                         | Power | Pressure | Air Delivery | Noise | Dimension                              | Size                  | Weight             |
|                               | KW    | Mpa      | m³/min       | DB    | L*W*H (mm)                             | Outlet                | KG                 |
| JM-7.5APM                     | 7.5   | 0.8      | 1.1          | 62±2  | 700*600*860                            | G1/2"                 | 180                |
|                               |       | 1.0      | 0.9          |       |                                        |                       |                    |
|                               |       | 1.3      | 0.7          |       |                                        |                       |                    |
| JM-11APM                      | 11    | 0.8      | 1.7          | 64±2  | 1000*750*1070                          | G3/4"                 | 300                |
|                               |       | 1.0      | 1.6          |       |                                        |                       |                    |
|                               |       | 1.3      | 1.0          |       |                                        |                       |                    |
| JM-15APM                      | 15    | 0.8      | 2.3          | 64±2  | 1000*750*1070                          | G3/4"                 | 320                |
|                               |       | 1.0      | 2.1          |       |                                        |                       |                    |
|                               |       | 1.3      | 1.7          |       |                                        |                       |                    |
| JM-18.5APM                    | 18.5  | 0.8      | 3.2          | 66±2  | 1265*830*1130                          | G1 1/4"               | 330                |
|                               |       | 1.0      | 2.6          |       |                                        |                       |                    |
|                               |       | 1.3      | 2.2          |       |                                        |                       |                    |
| JM-22APM                      | 22    | 0.8      | 3.5          | 66±2  | 1100*850*1110                          | G1"                   | 420                |
|                               |       | 1.0      | 3.2          |       |                                        |                       |                    |
|                               |       | 1.3      | 2.5          |       |                                        |                       |                    |
| JM-30APM                      | 30    | 0.8      | 4.7          | 70±2  | 1100*850*1110                          | G1"                   | 450                |
|                               |       | 1.0      | 4.0          |       |                                        |                       |                    |
|                               |       | 1.3      | 3.1          |       |                                        |                       |                    |
| JM-37APM                      | 37    | 0.8      | 6.5          | 72±2  | 1200*1000*1350                         | G1 1/2"               | 600                |
|                               |       | 1.0      | 5.2          |       |                                        |                       |                    |
|                               |       | 1.3      | 4.7          |       |                                        |                       |                    |
| JM-45APM                      | 45    | 0.8      | 7.3          | 72±2  | 1200*1000*1350                         | G1 1/2"               | 700                |
|                               |       | 1.0      | 6.6          |       |                                        |                       |                    |
|                               |       | 1.3      | 5.5          |       |                                        |                       |                    |
| JM-55APM                      | 55    | 0.8      | 9.5          | 75±2  | 1500*1230*1550(A)<br>2100*1440*1650(W) | G2 1/2"(A)<br>DN50(W) | 850(A)<br>1300(W)  |
| 1.0                           |       | 7.2      |              |       |                                        |                       |                    |
| 1.3                           |       | 6.7      |              |       |                                        |                       |                    |
| JM-75APM                      | 75    | 0.8      | 12.3         | 75±2  | 1500*1230*1550(A)<br>2100*1440*1650(W) | G2 1/2"(A)<br>DN50(W) | 950(A)<br>1500(W)  |
| 1.0                           |       | 10.8     |              |       |                                        |                       |                    |
| 1.3                           |       | 9.1      |              |       |                                        |                       |                    |
| JM-90APM                      | 90    | 0.8      | 15.2         | 75±2  | 2100*1440*1650                         | G2 1/2"(A)<br>DN50(W) | 1650               |
| 1.0                           |       | 12.3     |              |       |                                        |                       |                    |
| 1.3                           |       | 11.5     |              |       |                                        |                       |                    |
| JM-110APM                     | 110   | 0.8      | 20.0         | 78±2  | 2250*1510*1850(A)<br>2550*1680*1850(W) | DN65(A)<br>DN80(W)    | 1800(A)<br>2700(W) |
| 1.0                           |       | 16.3     |              |       |                                        |                       |                    |
| 1.3                           |       | 14.5     |              |       |                                        |                       |                    |
| JM-132APM                     | 132   | 0.8      | 23.0         | 78±2  | 2250*1510*1850(A)<br>2550*1680*1850(W) | DN65(A)<br>DN80(W)    | 1900(A)<br>2800(W) |
| 1.0                           |       | 19.7     |              |       |                                        |                       |                    |
| 1.3                           |       | 16.0     |              |       |                                        |                       |                    |
| JM-160APM                     | 160   | 0.8      | 28.5         | 80±2  | 2900*1800*2100(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4000(A)<br>3200(W) |
| 1.0                           |       | 22.8     |              |       |                                        |                       |                    |
| 1.3                           |       | 21.5     |              |       |                                        |                       |                    |
| JM-185APM                     | 185   | 0.8      | 30.0         | 80±2  | 2900*1800*2100(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4200(A)<br>3600(W) |
| 1.0                           |       | 28.0     |              |       |                                        |                       |                    |
| 1.3                           |       | 23.0     |              |       |                                        |                       |                    |
| JM-200APM                     | 200   | 0.8      | 33.0         | 80±2  | 2900*1800*2100(A)<br>3600*2250*2300(W) | DN100(A)<br>DN125(W)  | 4500(A)<br>5000(W) |
| 1.0                           |       | 29.2     |              |       |                                        |                       |                    |
| 1.3                           |       | 26.5     |              |       |                                        |                       |                    |
| JM-220APM                     | 220   | 0.8      | 38.0         | 82±2  | 3100*2000*2200(A)<br>3600*2250*2300(W) | DN125                 | 5000(A)<br>5500(W) |
| 1.0                           |       | 33.0     |              |       |                                        |                       |                    |
| 1.3                           |       | 29.0     |              |       |                                        |                       |                    |
| JM-250APM                     | 250   | 0.8      | 44.0         | 82±2  | 3100*2000*2200(A)<br>3600*2250*2300(W) | DN125                 | 5500(A)<br>6000(W) |
| 1.0                           |       | 41.0     |              |       |                                        |                       |                    |
| 1.3                           |       | 31.5     |              |       |                                        |                       |                    |



## Double Stage Compression Screw Air Compressor (15-450KW)



### Product Feature

- The excellent two-stage compression air end provides more reasonable pressure distribution
- Suitable for various harsh environments, it can operate well in ambient temperatures ranging from -5 to 45°C
- 24-hour continuous operation
- The dual filtration system filters out impurities and particles in the air, extending compressor service life



| 规格参数表<br>Technical Parameters |       |            |              |       |                                        |                       |                     |
|-------------------------------|-------|------------|--------------|-------|----------------------------------------|-----------------------|---------------------|
| Model                         | Power | Pressure   | Air Delivery | Noise | Dimension                              | Size                  | Weight              |
|                               | KW    | Mpa        | m³/min       | DB    | L*W*H (mm)                             | Outlet                | KG                  |
| JM-15AII                      | 15    | 0.7<br>0.8 | 2.9<br>2.7   | 62±2  | 1300*980*1220                          | G1"                   | 500                 |
| JM-18.5AII                    | 18.5  | 0.7        | 3.8          | 62±2  | 1300*980*1220                          | G1"                   | 550                 |
|                               |       | 0.8        | 3.4          |       |                                        |                       |                     |
|                               |       | 1.0        | 2.8          |       |                                        |                       |                     |
| JM-22AII                      | 22    | 1.3        | /            | 64±2  | 1300*980*1220                          | G1"                   | 560                 |
|                               |       | 0.7        | 4.3          |       |                                        |                       |                     |
|                               |       | 0.8        | 4.1          |       |                                        |                       |                     |
| JM-30AII                      | 30    | 1.0        | 3.5          | 68±2  | 1400*1100*1450                         | G1 1/2"               | 800                 |
|                               |       | 1.3        | 2.7          |       |                                        |                       |                     |
|                               |       | 0.7        | 6.4          |       |                                        |                       |                     |
| JM-37AII                      | 37    | 0.8        | 5.9          | 68±2  | 1400*1100*1450                         | G1 1/2"               | 850                 |
|                               |       | 1.0        | /            |       |                                        |                       |                     |
|                               |       | 1.3        | 3.0          |       |                                        |                       |                     |
| JM-45AII<br>JM-45W II         | 45    | 0.7        | 7.5          | 70±2  | 1500*1230*1550                         | G2 1/2"(A)<br>DN50(W) | 1500                |
|                               |       | 0.8        | 7.2          |       |                                        |                       |                     |
|                               |       | 1.0        | 6.3          |       |                                        |                       |                     |
| JM-55AII<br>JM-55W II         | 55    | 1.3        | 5.4          | 70±2  | 2100*1440*1650                         | G2 1/2"(A)<br>DN50(W) | 1700                |
|                               |       | 0.7        | 10.0         |       |                                        |                       |                     |
|                               |       | 0.8        | 13.0         |       |                                        |                       |                     |
| JM-75AII<br>JM-75W II         | 75    | 1.0        | 12.5         | 70±2  | 2100*1440*1650                         | G2 1/2"(A)<br>DN50(W) | 1800                |
|                               |       | 1.3        | 9.5          |       |                                        |                       |                     |
|                               |       | 0.7        | 8.0          |       |                                        |                       |                     |
| JM-90AII<br>JM-90W II         | 90    | 0.7        | 15.5         | 72±2  | 2450*1700*1760(A)<br>2550*1680*1850(W) | DN65(A)<br>DN80(W)    | 2400(A)<br>2700(W)  |
|                               |       | 0.8        | 15.2         |       |                                        |                       |                     |
|                               |       | 1.0        | 13.0         |       |                                        |                       |                     |
| JM-110AII<br>JM-110W II       | 110   | 1.3        | 11.5         | 72±2  | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN80                  | 2800                |
|                               |       | 0.7        | 20.5         |       |                                        |                       |                     |
|                               |       | 0.8        | 19.5         |       |                                        |                       |                     |
| JM-132AII<br>JM-132W II       | 132   | 1.0        | 16.5         | 72±2  | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN80                  | 3000(A)<br>2800(W)  |
|                               |       | 1.3        | 14.0         |       |                                        |                       |                     |
|                               |       | 0.7        | 24.0         |       |                                        |                       |                     |
| JM-160AII<br>JM-160W II       | 160   | 0.8        | 23.0         | 76±2  | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4300(A)<br>3450(W)  |
|                               |       | 1.0        | 20.0         |       |                                        |                       |                     |
|                               |       | 1.3        | 16.5         |       |                                        |                       |                     |
| JM-185AII<br>JM-185W II       | 185   | 0.7        | 29.0         | 78±2  | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4500(A)<br>4000(W)  |
|                               |       | 0.8        | 27.0         |       |                                        |                       |                     |
|                               |       | 1.0        | 23.7         |       |                                        |                       |                     |
| JM-200AII<br>JM-200W II       | 200   | 1.3        | 19.0         | 78±2  | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN125(A)<br>DN100(W)  | 6000(A)<br>5600(W)  |
|                               |       | 0.7        | 35.5         |       |                                        |                       |                     |
|                               |       | 0.8        | 33.5         |       |                                        |                       |                     |
| JM-220AII<br>JM-220W II       | 220   | 1.0        | 30.6         | 80±2  | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN125(A)<br>DN100(W)  | 6500(A)<br>6000(W)  |
|                               |       | 1.3        | 26.0         |       |                                        |                       |                     |
|                               |       | 0.7        | 41.0         |       |                                        |                       |                     |
| JM-250AII<br>JM-250W II       | 250   | 0.8        | 31.5         | 80±2  | 3800*2300*2200(A)<br>3600*2250*2300(W) | DN125(A)<br>DN100(W)  | 7000(A)<br>6500(W)  |
|                               |       | 1.0        | 50.0         |       |                                        |                       |                     |
|                               |       | 1.3        | 46.0         |       |                                        |                       |                     |
| JM-280AII<br>JM-280W II       | 280   | 0.7        | 41.0         | 80±2  | 3800*2300*2200(A)<br>3600*2250*2300(W) | DN125                 | 7500(A)<br>7000(W)  |
|                               |       | 0.8        | 55.5         |       |                                        |                       |                     |
|                               |       | 1.0        | 53.0         |       |                                        |                       |                     |
| JM-315AII<br>JM-315W II       | 315   | 1.3        | 45.8         | 82±2  | 4300*2300*2430(A)<br>4000*2300*2320(W) | DN125                 | 8500(A)<br>7500(W)  |
|                               |       | 0.7        | 40.5         |       |                                        |                       |                     |
|                               |       | 0.8        | 62.0         |       |                                        |                       |                     |
| JM-355AII<br>JM-355W II       | 355   | 1.0        | 60.0         | 82±2  | 4000*2300*2320                         | DN125                 | 8000                |
|                               |       | 1.3        | 52.0         |       |                                        |                       |                     |
|                               |       | 0.7        | 81.0         |       |                                        |                       |                     |
| JM-400AII<br>JM-400W II       | 400   | 0.8        | 78.0         | 84±2  | 4700*2250*2420(A)<br>4200*2350*2350(W) | DN125(A)<br>DN150(W)  | 10000(A)<br>9000(W) |
|                               |       | 1.0        | 64.0         |       |                                        |                       |                     |
|                               |       | 1.3        | 56.0         |       |                                        |                       |                     |
| JM-450AII<br>JM-450W II       | 450   | 0.7        | 89.0         | 84±2  | 4200*2350*2350                         | DN150                 | 10000               |
|                               |       | 0.8        | 84.5         |       |                                        |                       |                     |
|                               |       | 1.0        | 77.0         |       |                                        |                       |                     |

## Double Stage Compression Permanent Magnet (PM) Screw Air Compressor (15-450KW)



### Product Feature

- The excellent two-stage compression air end improves efficiency
- High-efficiency PM motor, energy-saving and superior performance
- Intelligent PLC frequency conversion technology, remote and constant pressure control, achieving energy savings of up to approximately 35% compared to fixed speed compressors
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |                          |                               |       |                                        |                       |                     |
|-------------------------------|-------|--------------------------|-------------------------------|-------|----------------------------------------|-----------------------|---------------------|
| Model                         | Power | Pressure                 | Air Delivery                  | Noise | Dimension                              | Size                  | Weight              |
|                               | KW    | Mpa                      | m³/min                        | DB    | L*W*H (mm)                             | Outlet                | KG                  |
| JM-15APMII                    | 15    | 0.7<br>0.8               | 2.9<br>2.7                    | 62±2  | 1300*980*1220                          | G1"                   | 500                 |
| JM-18.5APMII                  | 18.5  | 0.7<br>0.8<br>1.0        | 3.8<br>3.4<br>2.8             | 62±2  | 1300*980*1220                          | G1"                   | 550                 |
| JM-22APMII                    | 22    | 1.3<br>0.7<br>0.8<br>1.0 | /<br>4.3<br>4.1<br>3.5        | 64±2  | 1300*980*1220                          | G1"                   | 560                 |
| JM-30APMII                    | 30    | 1.3<br>0.7<br>0.8<br>1.0 | 2.7<br>6.4<br>5.9<br>/        | 68±2  | 1400*1100*1450                         | G1 1/2"               | 800                 |
| JM-37APMII                    | 37    | 1.3<br>0.7<br>0.8<br>1.0 | 5.4<br>7.5<br>7.2<br>6.3      | 68±2  | 1400*1100*1450                         | G1 1/2"               | 850                 |
| JM-45APMII<br>JM-45WPMII      | 45    | 1.3<br>0.7<br>0.8<br>1.0 | 6.8<br>10.0<br>9.5<br>8.0     | 70±2  | 1500*1230*1550                         | G2 1/2"(A)<br>DN50(W) | 1500                |
| JM-55APMII<br>JM-55WPMII      | 55    | 1.3<br>0.7<br>0.8<br>1.0 | 8.0<br>15.5<br>12.5<br>9.5    | 70±2  | 2100*1440*1650                         | G2 1/2"(A)<br>DN50(W) | 1700                |
| JM-75APMII<br>JM-75WPMII      | 75    | 1.3<br>0.7<br>0.8<br>1.0 | 11.5<br>15.5<br>15.2<br>13.0  | 70±2  | 2100*1440*1650                         | G2 1/2"(A)<br>DN50(W) | 1800                |
| JM-90APMII<br>JM-90WPMII      | 90    | 1.3<br>0.7<br>0.8<br>1.0 | 14.0<br>20.5<br>19.5<br>16.5  | 72±2  | 2450*1700*1760(A)<br>2550*1680*1850(W) | DN65(A)<br>DN80(W)    | 2400(A)<br>2700(W)  |
| JM-110APMII<br>JM-110WPMII    | 110   | 1.3<br>0.7<br>0.8<br>1.0 | 16.5<br>24.0<br>23.0<br>20.0  | 72±2  | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN80                  | 2800                |
| JM-132APMII<br>JM-132WPMII    | 132   | 1.3<br>0.7<br>0.8<br>1.0 | 19.0<br>29.0<br>27.0<br>23.7  | 72±2  | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN80                  | 3000(A)<br>2800(W)  |
| JM-160APMII<br>JM-160WPMII    | 160   | 1.3<br>0.7<br>0.8<br>1.0 | 26.0<br>35.5<br>33.5<br>30.6  | 76±2  | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4300(A)<br>3450(W)  |
| JM-185APMII<br>JM-185WPMII    | 185   | 1.3<br>0.7<br>0.8<br>1.0 | 29.0<br>41.0<br>38.0<br>34.5  | 78±2  | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN100(A)<br>DN80(W)   | 4500(A)<br>4000(W)  |
| JM-200APMII<br>JM-200WPMII    | 200   | 1.3<br>0.7<br>0.8<br>1.0 | 31.5<br>45.0<br>42.0<br>38.0  | 78±2  | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN125(A)<br>DN100(W)  | 6000(A)<br>5600(W)  |
| JM-220APMII<br>JM-220WPMII    | 220   | 1.3<br>0.7<br>0.8<br>1.0 | 35.0<br>50.0<br>46.0<br>41.0  | 80±2  | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN125(A)<br>DN100(W)  | 6500(A)<br>6000(W)  |
| JM-250APMII<br>JM-250WPMII    | 250   | 1.3<br>0.7<br>0.8<br>1.0 | 40.5<br>55.5<br>53.0<br>45.8  | 80±2  | 3800*2300*2200(A)<br>3600*2250*2300(W) | DN125(A)<br>DN100(W)  | 7000(A)<br>6500(W)  |
| JM-280APMII<br>JM-280WPMII    | 280   | 1.3<br>0.7<br>0.8<br>1.0 | 43.0<br>62.0<br>60.0<br>52.0  | 80±2  | 3800*2300*2200(A)<br>3600*2250*2300(W) | DN125                 | 7500(A)<br>7000(W)  |
| JM-315APMII<br>JM-315WPMII    | 315   | 1.3<br>0.7<br>0.8<br>1.0 | 52.0<br>74.0<br>67.0<br>59.0  | 82±2  | 4300*2300*2430(A)<br>4000*2300*2320(W) | DN125                 | 8500(A)<br>7500(W)  |
| JM-355APMII<br>JM-355WPMII    | 355   | 1.3<br>0.7<br>0.8<br>1.0 | 56.0<br>81.0<br>78.0<br>64.0  | 82±2  | 4000*2300*2320                         | DN125                 | 8000                |
| JM-400APMII<br>JM-400WPMII    | 400   | 1.3<br>0.7<br>0.8<br>1.0 | 64.0<br>89.0<br>84.5<br>77.0  | 84±2  | 4700*2250*2420(A)<br>4200*2350*2350(W) | DN125(A)<br>DN150(W)  | 10000(A)<br>9000(W) |
| JM-450APMII<br>JM-450WPMII    | 450   | 1.3<br>0.7<br>0.8<br>1.0 | 79.0<br>101.0<br>96.0<br>85.0 | 84±2  | 4200*2350*2350                         | DN150                 | 10000               |



## Double Stage Compression PM Low Pressure Screw Air Compressor (15-315KW)



### Product Feature

- The excellent two-stage compression air end improves efficiency
- High-efficiency PM motor, energy-saving and superior performance
- Intelligent PLC frequency conversion technology, remote and constant pressure control, achieving energy savings of up to approximately 35% compared to fixed speed compressors
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |          |              |                                        |                      |        |
|-------------------------------|-------|----------|--------------|----------------------------------------|----------------------|--------|
| Model                         | Power | Pressure | Air Delivery | Dimension(mm)                          | Size                 | Weight |
|                               | KW    | Mpa      | m³/min       | L*W*H (mm)                             | Outlet               | KG     |
| JM-11APM II                   | 11    | 0.4      | 3.2          | 1300*980*1220                          | G1"                  | 500    |
|                               |       | 0.5      | 2.8          |                                        |                      |        |
| JM-15APM II                   | 15    | 0.4      | 4.2          | 1300*980*1220                          | G1"                  | 550    |
|                               |       | 0.5      | 3.6          |                                        |                      |        |
| JM-18.5APM II                 | 18.5  | 0.4      | 4.5          | 1400*1100*1450                         | G1 1/2"              | 700    |
|                               |       | 0.5      | 4.2          |                                        |                      |        |
| JM-22APM II                   | 22    | 0.4      | 6.2          | 1400*1100*1450                         | G1 1/2"              | 800    |
|                               |       | 0.5      | 6.0          |                                        |                      |        |
| JM-30APM II                   | 30    | 0.4      | 8.5          | 1400*1100*1450                         | G1 1/2"              | 850    |
|                               |       | 0.5      | 7.5          |                                        |                      |        |
| JM-37APM II                   | 37    | 0.4      | 10.3         | 2100*1440*1650                         | G2 1/2"              | 1600   |
|                               |       | 0.5      | 9.5          |                                        |                      |        |
| JM-45APM II                   | 45    | 0.4      | 12.2         | 2100*1440*1650                         | G2 1/2"              | 1650   |
|                               |       | 0.5      | 11.5         |                                        |                      |        |
| JM-55APM II                   | 55    | 0.4      | 15.5         | 2450*1700*1765(A)                      | DN65                 | 2350   |
| JM-55WPM II                   |       | 0.5      | 14.5         | 2100*1440*1650(W)                      | G2 1/2"              | 1700   |
| JM-75APM II                   | 75    | 0.4      | 20.5         | 2600*1900*1890(A)                      | DN80                 | 2800   |
| JM-75WPM II                   |       | 0.5      | 19.5         | 2450*1700*1765(W)                      | DN65                 | 240    |
| JM-90APM II                   | 90    | 0.4      | 26.5         | 2600*1900*1890                         | DN80                 | 2800   |
| JM-90WPM II                   |       | 0.5      | 23.5         |                                        |                      |        |
| JM-110APM II                  | 110   | 0.4      | 30.0         | 2600*1900*1890                         | DN80                 | 2900   |
| JM-110WPM II                  |       | 0.5      | 27.0         |                                        |                      |        |
| JM-132APM II                  | 132   | 0.4      | 38.0         | 3250*2100*2200                         | DN100                | 4000   |
| JM-132WPM II                  |       | 0.5      | 35.0         |                                        |                      |        |
| JM-160APM II                  | 160   | 0.4      | 47.0         | 3800*2300*2200(A)                      | DN125                | 5500   |
| JM-160WPM II                  |       | 0.5      | 42.0         | 3250*2100*2200(W)                      | DN100                | 4400   |
| JM-185APM II                  | 185   | 0.4      | 52.0         | 3800*2300*2200(离心风机)                   | DN125                | 6000   |
| JM-185WPM II                  |       | 0.5      | 45.0         | 3600*2300*2290(轴流风机)                   |                      |        |
| JM-200APM II                  | 200   | 0.4      | 57.0         | 3800*2300*2200                         | DN125                | 6500   |
| JM-200WPM II                  |       | 0.5      | 53.5         |                                        |                      |        |
| JM-220APM II                  | 220   | 0.4      | 62.0         | 4200*2350*2350                         | DN125                | 7500   |
| JM-220WPM II                  |       | 0.5      | 55.0         |                                        |                      |        |
| JM-250APM II                  | 250   | 0.4      | 65.0         | 4200*2350*2350                         | DN125                | 8000   |
| JM-250WPM II                  |       | 0.5      | 61.0         |                                        |                      |        |
| JM-280APM II                  | 280   | 0.5      | 70.5         | 4700*2250*2420(A)<br>4200*2350*2350(W) | DN125(A)<br>DN150(W) | 8500   |
| JM-315APM II                  | 315   | 0.5      | 82.0         | 4700*2250*2420(A)<br>4200*2350*2350(W) | DN125(A)<br>DN150(W) | 9000   |
| JM-315WPM II                  |       |          |              |                                        |                      |        |

## Double Stage Compression PM Medium Pressure Screw Air Compressor (11-355KW)



### Product Feature

- The excellent two-stage compression air end improves efficiency
- High-efficiency PM motor, energy-saving and superior performance
- Intelligent PLC frequency conversion technology, remote and constant pressure control, achieving energy savings of up to approximately 35% compared to fixed speed compressors
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |          |              |                                        |                    |                    |
|-------------------------------|-------|----------|--------------|----------------------------------------|--------------------|--------------------|
| Model                         | Power | Pressure | Air Delivery | Dimension                              | Size               | Weight             |
|                               | KW    | Mpa      | m³/min       | L*W*H (mm)                             | Outlet             | KG                 |
| JM-11APM II                   | 11    | 2.0      | 1.0          | 1000*750*1070                          | G3/4"              | 200                |
|                               |       | 2.5      | 0.9          |                                        |                    |                    |
| JM-15APM II                   | 15    | 3.0      | 1.0          | 1000*750*1070                          | G3/4"              | 210                |
| JM-18.5APM II                 | 18.5  | 2.0      | 2.1          | 1100*850*1110                          | G1"                | 310                |
| JM-22APM II                   | 22    | 2.2      | 2.4          | 1100*850*1110                          | G1"                | 320                |
|                               |       | 2.5      | 2.0          |                                        |                    |                    |
| JM-30APM II                   | 30    | 2.0      | 3.4          | 1100*850*1110                          | G1"                | 330                |
|                               |       | 2.5      | 3.0          |                                        |                    |                    |
| JM-37APM II                   | 37    | 3.0      | 2.2          | 1200*1000*1350                         | G1 1/2"            | 620                |
|                               |       | 3.0      | 3.3          |                                        |                    |                    |
| JM-45APM II                   | 45    | 1.8      | 5.4          | 2100*1440*1650                         | G2"                | 1400               |
| JM-45WPM II                   |       | 2.0      | 5.0          |                                        |                    |                    |
|                               |       | 2.2      | 5.0          |                                        |                    |                    |
|                               |       | 2.5      | 4.9          |                                        |                    |                    |
| JM-55APM II                   | 55    | 1.8      | 7.2          | 2100*1440*1650                         | G2"                | 1500               |
| JM-55WPM II                   |       | 2.0      | 6.5          |                                        |                    |                    |
|                               |       | 2.2      | 6.2          |                                        |                    |                    |
|                               |       | 2.5      | 6.0          |                                        |                    |                    |
|                               |       | 3.0      | 4.6          |                                        |                    |                    |
| JM-75APM II                   | 75    | 1.8      | 9.5          | 2100*1440*1650                         | G2"                | 1600               |
| JM-75WPM II                   |       | 2.0      | 9.0          |                                        |                    |                    |
|                               |       | 2.2      | 7.7          |                                        |                    |                    |
|                               |       | 2.5      | 7.0          |                                        |                    |                    |
|                               |       | 3.0      | 6.6          |                                        |                    |                    |
| JM-90APM II                   | 90    | 1.8      | 11.6         | 2450*1700*1760(A)<br>2550*1680*1850(W) | DN65(A)<br>DN80(W) | 2400(A)<br>2700(W) |
| JM-90WPM II                   |       | 2.0      | 11.0         |                                        |                    |                    |
|                               |       | 2.2      | 10.0         |                                        |                    |                    |
|                               |       | 2.5      | 9.1          |                                        |                    |                    |
|                               |       | 2.8      | 7.9          |                                        |                    |                    |
|                               |       | 3.0      | 7.5          |                                        |                    |                    |
| JM-110APM II                  | 110   | 1.8      | 13.9         | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN50               | 2800               |
| JM-110WPM II                  |       | 2.0      | 12.5         |                                        |                    |                    |
|                               |       | 2.2      | 12.0         |                                        |                    |                    |
|                               |       | 2.5      | 11.5         |                                        |                    |                    |
|                               |       | 2.8      | 10.0         |                                        |                    |                    |
|                               |       | 3.0      | 9.2          |                                        |                    |                    |
| JM-132APM II                  | 132   | 1.8      | 18.0         | 2600*1900*1890(A)<br>2550*1680*1850(W) | DN50               | 3000(A)<br>2800(W) |
| JM-132WPM II                  |       | 2.0      | 16.0         |                                        |                    |                    |
|                               |       | 2.2      | 15.0         |                                        |                    |                    |
|                               |       | 2.5      | 14.2         |                                        |                    |                    |
|                               |       | 2.8      | 12.7         |                                        |                    |                    |
|                               |       | 3.0      | 12.0         |                                        |                    |                    |
| JM-160APM II                  | 160   | 1.8      | 21.0         | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN80               | 4300(A)<br>3450(W) |
| JM-160WPM II                  |       | 2.0      | 18.0         |                                        |                    |                    |
|                               |       | 2.2      | 17.4         |                                        |                    |                    |
|                               |       | 2.5      | 16.0         |                                        |                    |                    |
|                               |       | 2.8      | 15.0         |                                        |                    |                    |
|                               |       | 3.0      | 14.0         |                                        |                    |                    |
| JM-185APM II                  | 185   | 1.8      | 25.0         | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN80               | 4400(A)<br>4000(W) |
| JM-185WPM II                  |       | 2.0      | 23.0         |                                        |                    |                    |
|                               |       | 2.2      | 21.5         |                                        |                    |                    |
|                               |       | 2.5      | 19.0         |                                        |                    |                    |
|                               |       | 2.8      | 17.0         |                                        |                    |                    |
|                               |       | 3.0      | 16.0         |                                        |                    |                    |
| JM-200APM II                  | 200   | 1.8      | 28.0         | 3250*2100*2200(A)<br>3000*2000*2000(W) | DN80               | 4600(A)<br>4500(W) |
| JM-200WPM II                  |       | 2.0      | 25.5         |                                        |                    |                    |
|                               |       | 2.2      | 24.5         |                                        |                    |                    |
|                               |       | 2.5      | 23.0         |                                        |                    |                    |
|                               |       | 2.8      | 20.8         |                                        |                    |                    |
|                               |       | 3.0      | 17.0         |                                        |                    |                    |
| JM-220APM II                  | 220   | 1.8      | 30.0         | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN80               | 6500(A)<br>6000(W) |
| JM-220WPM II                  |       | 2.0      | 28.0         |                                        |                    |                    |
|                               |       | 2.2      | 26.0         |                                        |                    |                    |
|                               |       | 2.5      | 24.0         |                                        |                    |                    |
|                               |       | 2.8      | 22.5         |                                        |                    |                    |
|                               |       | 3.0      | 21.5         |                                        |                    |                    |
| JM-250APM II                  | 250   | 1.8      | 32.5         | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN80               | 7000(A)<br>6500(W) |
| JM-250WPM II                  |       | 2.0      | 31.0         |                                        |                    |                    |
|                               |       | 2.2      | 29.0         |                                        |                    |                    |
|                               |       | 2.5      | 27.0         |                                        |                    |                    |
|                               |       | 2.8      | 25.0         |                                        |                    |                    |
|                               |       | 3.0      | 24.0         |                                        |                    |                    |
| JM-280APM II                  | 280   | 2.2      | 35.0         | 3800*2300*2200(A)<br>3600*2200*2200(W) | DN80               | 7500(A)<br>7000(W) |
| JM-280WPM II                  |       | 2.2      | 31.5         |                                        |                    |                    |
|                               |       | 2.5      | 29.0         |                                        |                    |                    |
|                               |       | 2.8      | 27.0         |                                        |                    |                    |
|                               |       | 3.0      | 26.5         |                                        |                    |                    |
| JM-315APM II                  | 315   | 2.2      | 34.0         | 4300*2300*2430(A)<br>3600*2200*2200(W) | DN80               | 8500(A)<br>7500(W) |
| JM-315WPM II                  |       | 2.5      | 31.0         |                                        |                    |                    |
|                               |       | 2.8      | 30.5         |                                        |                    |                    |
|                               |       | 3.0      | 28.0         |                                        |                    |                    |
| JM-355APM II                  | 355   | 3.0      | 33.5         | 4300*2300*2430(A)<br>3600*2200*2200(W) | DN80               | 9000(A)<br>8000(W) |
| JM-355WPM II                  |       |          |              |                                        |                    |                    |



## PM Low Pressure Screw Air Compressor (15-160KW)



### Product Feature

- The excellent two-stage compression air end improves efficiency
- High-efficiency PM motor, energy-saving and superior performance
- Intelligent PLC frequency conversion technology, remote and constant pressure control, achieving energy savings of up to approximately 35% compared to fixed speed compressors
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

| 规格参数表<br>Technical Parameters |       |          |              |       |                |         |        |
|-------------------------------|-------|----------|--------------|-------|----------------|---------|--------|
| Model                         | Power | Pressure | Air Delivery | Speed | Dimension      | Size    | Weight |
|                               | KW    | Mpa      | m³/min       | RPM   | L*W*H (mm)     | Outlet  | KG     |
| JM-15APM                      | 15    | 0.3      | 3.8          | 3000  | 1350*850*1110  | G1"     | 420    |
|                               |       | 0.4      | 3.6          | 3000  | 1350*850*1110  | G1"     | 420    |
|                               |       | 0.5      | 2.9          | 3000  | 1350*850*1110  | G1"     | 420    |
| JM-18.5APM                    | 18.5  | 0.4      | 4.7          | 1500  | 1500*1000*1350 | G1 1/2" | 620    |
|                               |       | 0.5      | 4.2          | 1500  |                |         |        |
| JM-22APM                      | 22    | 0.2      | 7.6          | 1500  | 1500*1230*1550 | G2 1/2" | 800    |
|                               |       | 0.3      | 6.8          | 1500  |                |         | 850    |
|                               |       | 0.4      | 5.5          | 3000  | 1500*1000*1350 | G1 1/2" | 600    |
|                               |       | 0.5      | 5.3          | 1500  |                |         | 650    |
| JM-30APM                      | 30    | 0.2      | 10.5         | 3000  | 2000*1450*1700 | DN80    | 1400   |
|                               |       | 0.3      | 8.8          | 3000  |                |         | 1300   |
|                               |       | 0.4      | 7.0          | 3000  | 1500*1230*1550 | G2 1/2" | 850    |
|                               |       | 0.5      | 6.3          | 3000  | 1500*1000*1350 | G1 1/2" | 600    |
| JM-37APM                      | 37    | 0.2      | 12.0         | 3000  | 2000*1450*1700 | DN80    | 1500   |
|                               |       | 0.3      | 10.5         | 3000  |                |         |        |
|                               |       | 0.4      | 9.0          | 3000  | 1500*1230*1550 | G2 1/2" | 1000   |
|                               |       | 0.5      | 7.7          | 3000  |                |         |        |
| JM-45APM                      | 45    | 0.2      | 16.0         | 3000  | 2400*1750*2000 | DN125   | 2900   |
|                               |       | 0.3      | 13.5         | 3000  | 2000*1450*1700 | DN80    | 1500   |
|                               |       | 0.4      | 11.0         | 3000  | 2100*1440*1650 | G2 1/2" | 1550   |
|                               |       | 0.5      | 9.5          | 3000  | 1700*1210*1550 |         | 1250   |
| JM-55APM                      | 55    | 0.2      | 20.5         | 3000  | 2400*1750*2000 | DN125   | 2900   |
|                               |       | 0.3      | 16.0         | 3000  |                | DN80    | 2700   |
|                               |       | 0.4      | 13.5         | 3000  | 2100*1440*1650 | G2 1/2" | 1650   |
|                               |       | 0.5      | 12.3         | 3000  |                |         | 1550   |
| JM-75APM                      | 75    | 0.2      | 27.0         | 3000  | 2950*1840*2230 | DN125   | 3200   |
|                               |       | 0.3      | 22.5         | 3000  | 2400*1750*2000 |         | 2800   |
|                               |       | 0.4      | 20.5         | 3000  | 2600*1900*1890 | DN80    | 2200   |
|                               |       | 0.5      | 15.5         | 3000  | 2100*1440*1650 | G2 1/2" | 1650   |
| JM-90APM                      | 90    | 0.2      | 36.0         | 1500  | 2950*1840*2230 | DN125   | 3300   |
|                               |       | 0.3      | 28.0         | 3000  | 2600*1900*1890 |         | 3000   |
|                               |       | 0.4      | 24.0         | 3000  | 2600*1900*1890 | DN80    | 2800   |
|                               |       | 0.5      | 20.0         | 3000  | 2250*1510*1850 | DN65    | 1800   |
| JM-110APM                     | 110   | 0.2      | 45.0         | 1500  | 3600*2200*2270 | DN150   | 5300   |
|                               |       | 0.3      | 31.5         | 3000  | 2950*1840*2230 | DN125   | 3300   |
|                               |       | 0.4      | 28.3         | 3000  | 3250*2100*2200 | DN100   | 4200   |
|                               |       | 0.5      | 23.3         | 3000  | 2600*1900*1890 | DN80    | 2900   |
| JM-132APM                     | 132   | 0.2      | 46.0         | 3000  | 3600*2200*2270 | DN150   | 5500   |
|                               |       | 0.3      | 42.0         | 3000  |                |         | 5600   |
|                               |       | 0.4      | 31.0         | 3000  | 3250*2100*2200 | DN100   | 4000   |
|                               |       | 0.5      | 28.0         | 3000  | 2900*1800*2200 |         | 3600   |
| JM-160APM                     | 160   | 0.2      | 60.0         | 1500  | 4200*2350*2400 | DN150   | 7000   |
|                               |       | 0.3      | 46.0         | 3000  | 3600*2200*2270 | DN125   | 5700   |
|                               |       | 0.4      | 42.0         | 3000  | 3800*2300*2200 | DN100   | 5500   |

## Screw Air Compressor for laser cutting

### Product Feature

- It can continuously provide compressed air at high pressure of 16-20 bar
- Equipped with multi-stage filters to purify and dry compressed air through multiple stages, preventing lens contamination
- There are standalone and modular solutions to meet diverse needs



| 规格参数表<br>Technical Parameters |       |          |              |                          |         |        |
|-------------------------------|-------|----------|--------------|--------------------------|---------|--------|
| Model                         | Power | Pressure | Air Delivery | Dimension                | Size    | Weight |
|                               | KW    | Mpa      | m³/min       | L*W*H (mm)               | Outlet  | KG     |
| JM-7.5APM                     | 7.5   | 1.6      | 0.6          | 800*650*860              | G1/2"   | 180    |
|                               |       | 2.0      | /            | 1500*670*1430 Integrated |         | 355    |
| JM-11APM                      | 11    | 1.6      | 0.9          | 1000*750*1000            | G3/4"   | 300    |
|                               |       | 2.0      | /            | 1800*750*1770 Integrated |         | 570    |
| JM-15APM                      | 15    | 1.6      | 1.2          | 1000*750*1000            | G3/4"   | 320    |
|                               |       | 2.0      | 1.0          | 1800*750*1770 Integrated |         | 590    |
| JM-22AP                       | 22    | 1.6      | 2.0          | 1070*850*1140            | G1"     | 420    |
|                               |       | 2.0      | 1.7          | 1800*850*1930 Integrated |         | 690    |
| JM-30APM                      | 30    | 1.6      | 2.5          | 1070*850*1140            | G1"     | 450    |
|                               |       | 2.0      | 2.2          | 1800*850*1930 Integrated |         | 720    |
| JM-37APM                      | 37    | 1.6      | 3.4          | 1200*1000*1390           | G1 1/2" | 600    |
|                               |       | 2.0      | 3.2          | 1990*980*1970 Integrated |         | 930    |
| JM-45APM                      | 45    | 1.6      | 4.3          | 1200*1000*1390           | G1 1/2" | 650    |
|                               |       | 2.0      | 3.8          | 1990*980*1970 Integrated |         | 980    |
| JM-55APM                      | 55    | 1.6      | 5.9          | 1700*1210*1550           | G2 1/2" | 900    |
|                               |       | 2.0      | 4.2          |                          |         |        |
| JM-75APM                      | 75    | 1.6      | 8.1          | 1700*1210*1550           | G2 1/2" | 1050   |
|                               |       | 2.0      | 6.5          |                          |         |        |
| JM-90APM                      | 90    | 1.6      | 9.5          | 1700*1210*1550           | G2 1/2" | 1200   |
|                               |       | 2.0      | 8.5          |                          |         |        |
| JM-110APM                     | 110   | 1.6      | 13.0         | 2250*1510*1850           | DN65    | 2500   |
|                               |       | 2.0      | 9.8          |                          |         |        |
| JM-37APM II                   | 37    | 1.6      | 3.6          | 1400*1100*1450           | G1 1/2" | 700    |
| JM-45APM II                   | 45    | 1.6      | 5.3          | 2100*1440*1650           | G2 1/2" | 1600   |
| JM-55APM II                   | 55    | 1.6      | 6.5          | 2100*1440*1650           | G2 1/2" | 1650   |
| JM-75APM II                   | 75    | 1.6      | 9.0          | 2100*1440*1650           | G2 1/2" | 1660   |
| JM-90APM II                   | 90    | 1.6      | 11.2         | 2100*1440*1650           | G2 1/2" | 1700   |
| JM-110APM II                  | 110   | 1.6      | 15.0         | 2600*1900*1890           | G2 1/2" | 2700   |
| JM-132APM II                  | 132   | 1.6      | 18.5         | 3250*2100*2200           | DN50    | 2900   |
| JM-160APM II                  | 160   | 1.6      | 22.0         | 3250*2100*2200           | DN80    | 4000   |



## Oil-free Water Lubricated Screw Air Compressor (5.5-460KW)

Our oil-free air compressor meets the international standard for compressed air quality level **ISO 8573-1 CLASS 0 (2010)**.

Oil-free air compressors provide a better solution for industries with higher requirements for compressed air quality, eliminating many potential hazards in your production process, the risk of oil pollution has been Avoided.

1. **ISO8573-1 Class 0 100% Oil-free**
2. **Low noise without vibration**
3. **Available for VSD control**
4. **Extremely low operation and maintenance costs (only covering water, water filter element and air filter element)**



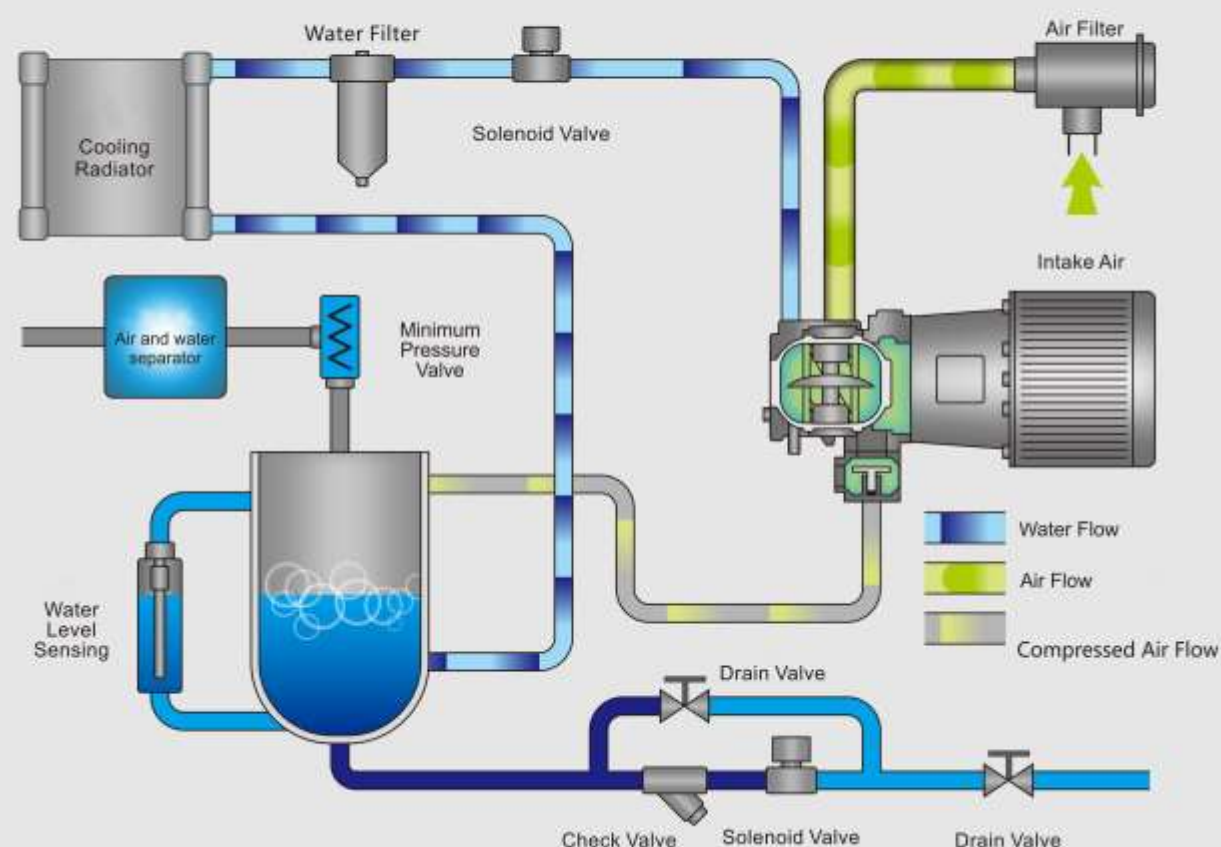
ISO 8573-1 Class 0 Oil content grade standard

| CLASS | Concentration total oil (aerosol, liquid, vapor) mg/m <sup>3</sup>             |
|-------|--------------------------------------------------------------------------------|
| 0     | As specified by the equipment user or supplier and more stringent than class 1 |
| 1     | < 0.01                                                                         |
| 2     | < 0.1                                                                          |
| 3     | < 1                                                                            |
| 4     | < 5                                                                            |

Current ISO 8573-1 (2010) classes (the five main classes and the associated maximum concentration in total oil content).

## WATER LUBRICATED AIR COMPRESSOR

### SYSTEM FLOW DIAGRAM OF COMPRESSOR UNIT



## Excellent performance origins from the world's top configuration



Intelligent energy-saving control system developed independently



Denmark danfoss solenoid valve



Top SIEMENS schneider control components



High performance electrical components



High precision filter



High quality inverter



High efficient exchanger



High efficient/performance motor



German schaeffler bearings  
Swedish SKF bearings



Remote IOT, smart cloud





## Fixed Frequency Water Lubricated Oil-free Screw Air Compressor (5.5-55KW)



### Product Feature

- Pure oil-free design, compliant with ISO8573-1 CLASS0
- The single-screw air end is independently designed, and both the air end and the system are made of stainless steel alloy, ensuring stable and reliable quality
- Customization is available for high-altitude and plateau regions, intelligent auxiliary heating system can be optionally equipped
- Wider operating pressure range: 2 - 40 bar

| 规格参数表<br>Technical Parameters |       |            |               |              |                          |                  |       |                                        |         |        |
|-------------------------------|-------|------------|---------------|--------------|--------------------------|------------------|-------|----------------------------------------|---------|--------|
| Model                         | Power | Pressure   | Air Delivery  | Cooled water | Quantity of cooled water | Lubricated water | Noise | Dimension                              | Size    | Weight |
|                               | KW    | Mpa        | m³/min        | Outlet/inlet | Inlet water 32 °C T/H    | L                | DB    | L*W*H (mm)                             | Outlet  | KG     |
| JMW-5.5A                      | 5.5   | 0.8<br>1.0 | 0.72<br>0.65  | 3/4"         | 1.5                      | 10               | 57    | 800*800*1200                           | G3/4"   | 300    |
| JMW-7.5A                      | 7.5   | 0.8<br>1.0 | 1.05<br>0.80  | 3/4"         | 2.0                      | 10               | 57    | 800*800*1106                           | G3/4"   | 300    |
| JMW-11A                       | 11    | 0.8<br>1.0 | 1.72<br>1.42  | 1"           | 2.5                      | 26               | 60    | 1200*755*1130                          | G3/4"   | 420    |
| JMW-15A                       | 15    | 0.8<br>1.0 | 2.25<br>1.92  | 1"           | 3.5                      | 26               | 60    | 1200*755*1130                          | G3/4"   | 450    |
| JMW-18.5A                     | 18.5  | 0.8<br>1.0 | 3.00<br>2.20  | 1"           | 4.0                      | 30               | 63    | 1400*900*1285                          | G1"     | 600    |
| JMW-22A                       | 22    | 0.8<br>1.0 | 3.65<br>3.00  | 1"           | 5.0                      | 30               | 63    | 1400*900*1285                          | G1"     | 650    |
| JMW-30A<br>JMW-30W            | 30    | 0.8<br>1.0 | 5.00<br>3.90  | 1 1/2"       | 7.0                      | 40               | 65    | 1400*950*1390(A)<br>1500*1080*1300(W)  | G1 1/4" | 750    |
| JMW-37A<br>JMW-37W            | 37    | 0.8<br>1.0 | 6.30<br>5.33  | 1 1/2"       | 9.0                      | 40               | 65    | 1580*1000*1485(A)<br>1500*1080*1300(W) | G1 1/4" | 860    |
| JMW-45A<br>JMW-45W            | 45    | 0.8<br>1.0 | 7.80<br>6.30  | 1 1/2"       | 10.0                     | 90               | 68    | 1800*1300*1680(A)<br>1800*1360*1670(W) | G2"     | 1020   |
| JMW-55A<br>JMW-55W            | 55    | 0.8<br>1.0 | 10.10<br>8.00 | 1 1/2"       | 12.0                     | 100              | 68    | 2050*1300*1690(A)<br>1800*1360*1670(W) | G2"     | 1080   |



Semiconductor



Biological fermentation



Petrochemical



Laboratory



Cosmetics



Medicine



Food



Beverages

## Permanent Magnet Water Lubricated Oil-free Screw Air Compressor (5.5-250KW)



### Product Feature

- Pure oil-free design, compliant with ISO8573-1 CLASS0
- The single-screw air end is independently designed, and both the air end and the system are made of stainless steel alloy, ensuring stable and reliable quality
- Customization is available for high-altitude and plateau regions, intelligent auxiliary heating system can be optionally equipped
- Wider operating pressure range: 2 - 40 bar

| 规格参数表<br>Technical Parameters |       |                      |                                           |              |                          |                  |       |                                        |         |        |
|-------------------------------|-------|----------------------|-------------------------------------------|--------------|--------------------------|------------------|-------|----------------------------------------|---------|--------|
| Model                         | Power | Pressure             | Air Delivery                              | Cooled water | Quantity of cooled water | Lubricated water | Noise | Dimension                              | Size    | Weight |
|                               | KW    | Mpa                  | m³/min                                    | Outlet/inlet | Inlet water 32 °C T/H    | L                | DB    | L*W*H (mm)                             | Outlet  | KG     |
| JMW-5.5APM                    | 5.5   | 0.80<br>1.00<br>1.25 | 0.30-0.78<br>0.20-0.65<br>/               | 3/4"         | 1.5                      | 10               | 57    | 800*800*1200                           | G3/4"   | 320    |
| JMW-7.5APM                    | 7.5   | 0.80<br>1.00<br>1.25 | 0.35-1.17<br>0.30-1.05<br>0.24-0.81       | 3/4"         | 2.0                      | 10               | 57    | 800*800*1200                           | G3/4"   | 340    |
| JMW-11APM                     | 11    | 0.80<br>1.00<br>1.25 | 0.54-1.72<br>0.45-1.42<br>0.35-1.10       | 1"           | 2.5                      | 26               | 60    | 1200*755*1130                          | G3/4"   | 400    |
| JMW-15APM                     | 15    | 0.80<br>1.00<br>1.25 | 0.75-2.43<br>0.65-2.17<br>0.60-1.80       | 1"           | 3.5                      | 26               | 60    | 1200*755*1130                          | G3/4"   | 450    |
| JMW-18.5APM                   | 18.5  | 0.80<br>1.00<br>1.25 | 0.90-3.13<br>0.80-2.82<br>0.60-2.05       | 1"           | 4.0                      | 30               | 63    | 1400*900*1285                          | G1"     | 640    |
| JMW-22APM                     | 22    | 0.80<br>1.00<br>1.25 | 1.10-3.70<br>0.97-3.21<br>0.85-2.78       | 1"           | 5.0                      | 30               | 63    | 1400*900*1285                          | G1"     | 650    |
| JMW-30APM<br>JMW-30WPM        | 30    | 0.80<br>1.00<br>1.25 | 1.56-5.20<br>1.25-4.43<br>1.10-3.63       | 1 1/4"       | 7.0                      | 40               | 65    | 1400*950*1390(A)<br>1500*1080*1300(W)  | G1 1/4" | 760    |
| JMW-37APM<br>JMW-37WPM        | 37    | 0.80<br>1.00<br>1.25 | 1.91-6.50<br>1.60-5.33<br>1.42-4.77       | 1 1/4"       | 9.0                      | 40               | 65    | 1580*1000*1485(A)<br>1500*1080*1300(W) | G1 1/4" | 880    |
| JMW-45APM<br>JMW-45WPM        | 45    | 0.80<br>1.00<br>1.25 | 2.50-8.30<br>1.91-6.30<br>1.70-5.56       | 2"           | 10.0                     | 90               | 68    | 1800*1300*1680(A)<br>1800*1360*1670(W) | 2"      | 1050   |
| JMW-55APM<br>JMW-55WPM        | 55    | 0.80<br>1.00<br>1.25 | 3.00-10.30<br>2.60-8.55<br>2.30-7.67      | 2"           | 12.0                     | 100              | 68    | 2050*1300*1690(A)<br>1800*1360*1670(W) | 2"      | 1100   |
| JMW-75APM<br>JMW-75WPM        | 75    | 0.80<br>1.00<br>1.25 | 3.95-13.00<br>3.40-11.50<br>3.40-11.50    | 2"           | 18.0                     | 100              | 72    | 2180*1350*1705(A)<br>1800*1360*1670(W) | 2"      | 1230   |
| JMW-90APM<br>JMW-90WPM        | 90    | 0.80<br>1.00<br>1.25 | 5.00-16.60<br>4.30-14.70<br>3.00-9.70     | 2"           | 20.0                     | 120              | 72    | 2550*1500*1825(A)<br>2200*1560*1800(W) | 2 1/2"  | 2080   |
| JMW-110APM<br>JMW-110WPM      | 110   | 0.80<br>1.00<br>1.25 | 6.00-20.20<br>5.00-16.70<br>3.72-12.60    | 2"           | 24.0                     | 120              | 75    | 2550*1500*1825(A)<br>2200*1550*1800(W) | 2 1/2"  | 2230   |
| JMW-132APM<br>JMW-132WPM      | 132   | 0.80<br>1.00<br>1.25 | 6.75-23.50<br>6.00-20.00<br>5.07-16.90    | 2"           | 30.0                     | 120              | 75    | 2800*2130*1860(A)<br>2200*1550*1800(W) | 2 1/2"  | 2360   |
| JMW-160WPM                    | 160   | 0.80<br>1.00<br>1.25 | 8.50-28.11<br>7.60-25.50<br>6.70-22.52    | 2"           | 35.0                     | 160              | 77    | 2700*1800*1970                         | DN80    | 3900   |
| JMW-185WPM                    | 185   | 0.80<br>1.00<br>1.25 | 10.00-31.35<br>8.75-29.00<br>7.75-25.21   | 2"           | 38.0                     | 160              | 77    | 2700*1800*1970                         | DN80    | 4050   |
| JMW-200WPM                    | 200   | 0.80<br>1.00<br>1.25 | 11.20-36.80<br>9.70-31.80<br>9.20-29.25   | 2"           | 42.0                     | 200              | 78    | 2700*1800*1970                         | DN100   | 4200   |
| JMW-220WPM                    | 220   | 0.80<br>1.00<br>1.25 | 12.20-39.60<br>11.20-35.70<br>9.00-29.63  | 2"           | 47.0                     | 200              | 79    | 2700*1800*1970                         | DN100   | 4400   |
| JMW-250WPM                    | 250   | 0.80<br>1.00<br>1.25 | 13.50-45.00<br>12.30-40.00<br>10.20-34.00 | 2"           | 53.0                     | 200              | 79    | 2700*1800*1970                         | DN100   | 4800   |



## Low Pressure Oil-free Screw Air Compressor (30-185KW)

| 规格参数表<br>Technical Parameters |       |          |              |              |                          |                  |       |                                        |        |        |
|-------------------------------|-------|----------|--------------|--------------|--------------------------|------------------|-------|----------------------------------------|--------|--------|
| Model                         | Power | Pressure | Air Delivery | Cooled water | Quantity of cooled water | Lubricated water | Noise | Dimension                              | Size   | Weight |
|                               | KW    | Mpa      | m³/min       | Outlet/inlet | Inlet water 32 °C T/H    | L                | DB    | L*W*H (mm)                             | Outlet | KG     |
| JMW-30A<br>JMW-30W            | 30    | 0.40     | 6.70         | 1 1/2"       | 7.0                      | 50               | 65    | 1650*1180*1505(A)<br>1500*1080*1300(W) | 2"     | 1200   |
| JMW-37A<br>JMW-37W            | 37    | 0.40     | 8.60         | 1 1/2"       | 9.0                      | 60               | 65    | 1650*1180*1505(A)<br>1500*1080*1300(W) | 2 1/2" | 1300   |
| JMW-45W                       | 45    | 0.40     | 10.50        | 1 1/2"       | 10.0                     | 120              | 68    | 1800*1360*1670                         | 2 1/2" | 1500   |
| JMW-55W                       | 55    | 0.40     | 13.50        | 1 1/2"       | 12.0                     | 160              | 68    | 1800*1360*1670                         | 2 1/2" | 1670   |
| JMW-75W                       | 75    | 0.40     | 19.90        | 1 1/2"       | 18.0                     | 160              | 72    | 1800*1360*1670                         | 3"     | 1300   |
| JMW-90W                       | 90    | 0.40     | 23.00        | 1 1/2"       | 20.0                     | 180              | 72    | 2200*1550*1800                         | 3"     | 2550   |
| JMW-110W                      | 110   | 0.40     | 28.20        | 2"           | 24.0                     | 180              | 77    | 2200*1550*1800                         | 4"     | 2600   |
| JMW-132W                      | 132   | 0.40     | 30.00        | 2"           | 30.0                     | 180              | 77    | 2200*1550*1800                         | 4"     | 2800   |
| JMW-160W                      | 160   | 0.40     | 36.00        | 3"           | 35.0                     | 230              | 80    | 3000*1800*2100                         | 5"     | 4000   |
| JMW-185W                      | 185   | 0.40     | 42.00        | 3"           | 38.0                     | 230              | 80    | 3000*1800*2100                         | 5"     | 4350   |

## Middle Pressure Oil-free Screw Air Compressor (22-242KW)

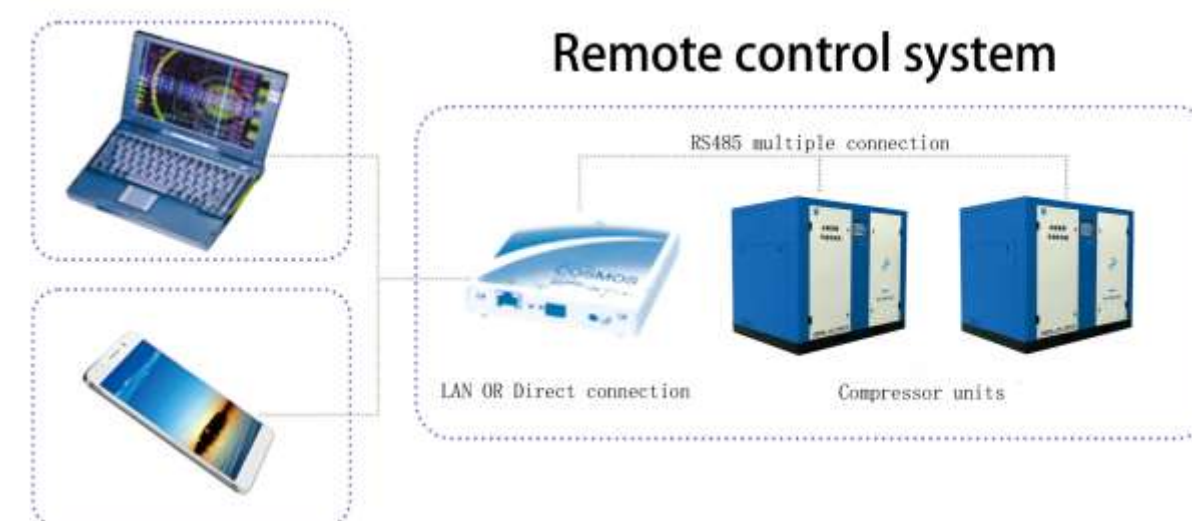
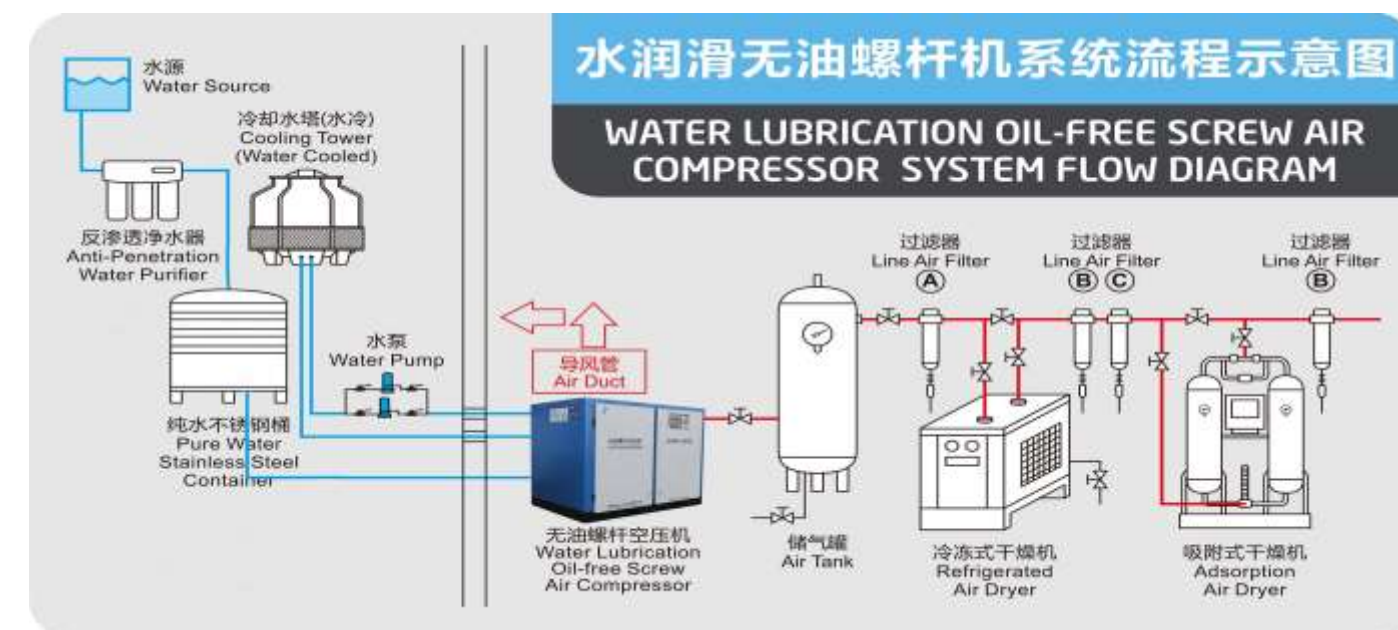
| 规格参数表<br>Technical Parameters |         |           |          |              |              |                          |                  |       |                |        |
|-------------------------------|---------|-----------|----------|--------------|--------------|--------------------------|------------------|-------|----------------|--------|
| Model                         | Power   | Speed     | Pressure | Air Delivery | Cooled water | Quantity of cooled water | Lubricated water | Noise | Dimension      | Weight |
|                               | KW      | RPM       | Mpa      | m³/min       | Outlet/inlet | Inlet water 32 °C T/H    | L                | DB    | L*W*H (mm)     | KG     |
| JMW-44A                       | 22+22   | 3000+2200 | 2.0-3.0  | 3.20         | 2"           | 10.0                     | 50               | 65    | 1800*1380*1500 | 1200   |
| JMW-60A                       | 30+30   | 3000+2700 | 2.0-3.0  | 5.10         | 2"           | 18.0                     | 60               | 70    | 2000*1500*1630 | 1700   |
| JMW-67W                       | 37+30   | 3000+2200 | 2.0-3.0  | 6.50         | 2"           | 18.0                     | 86               | 70    | 2000*1500*1630 | 1900   |
| JMW-74W                       | 37+37   | 3000+2200 | 3.0-4.0  | 6.50         | 2"           | 18.0                     | 86               | 70    | 2000*1500*1630 | 1900   |
| JMW-82W                       | 45+37   | 3000+2400 | 2.0-3.0  | 7.80         | 2"           | 28.0                     | 130              | 72    | 2650*1710*1700 | 2300   |
| JMW-90W                       | 45+45   | 3000+2400 | 3.0-4.0  | 7.80         | 2"           | 28.0                     | 130              | 72    | 2650*1710*1700 | 2380   |
| JMW-100W                      | 55+45   | 3000+2700 | 2.0-3.0  | 10.00        | 2"           | 28.0                     | 140              | 72    | 2650*1710*1700 | 2500   |
| JMW-110W                      | 55+55   | 3000+2700 | 3.0-4.0  | 10.00        | 2"           | 28.0                     | 140              | 72    | 2650*1710*1700 | 2700   |
| JMW-130W                      | 75+55   | 3000+3000 | 2.0-3.0  | 12.50        | 2"           | 28.0                     | 150              | 72    | 2650*1710*1700 | 3000   |
| JMW-150W                      | 75+75   | 3000+3000 | 3.0-4.0  | 12.50        | 2"           | 28.0                     | 150              | 72    | 2650*1710*1700 | 3080   |
| JMW-165W                      | 90+75   | 2400+2400 | 2.0-3.0  | 16.00        | 2"           | 38.0                     | 170              | 74    | 3000*1600*1860 | 3500   |
| JMW-180W                      | 90+90   | 2400+2400 | 3.0-4.0  | 16.00        | 2"           | 38.0                     | 170              | 74    | 3000*1600*1860 | 3600   |
| JMW-180W                      | 90+90   | 3000+2800 | 2.0-3.0  | 20.00        | 2"           | 47.0                     | 170              | 74    | 3000*1600*1860 | 3700   |
| JMW-200W                      | 110+90  | 3000+2800 | 3.0-4.0  | 20.00        | 2"           | 47.0                     | 170              | 74    | 3000*1600*1860 | 3800   |
| JMW-200W                      | 110+90  | 3000+3000 | 2.0-3.0  | 23.00        | 2"           | 53.0                     | 170              | 76    | 3000*1600*1860 | 4000   |
| JMW-242W                      | 132+110 | 3000+3000 | 3.0-4.0  | 23.00        | 2"           | 53.0                     | 170              | 76    | 3000*1600*1860 | 4200   |

## Oil-free Screw Air Compressor for Special Purpose



Characteristics of the latest generation of water lubricated oil-free screw air compressor  
 Low temperature characteristics of close to isothermal compression (the temperature of air end is lower than 60°C);  
 Full stainless steel air end (air end screw, air end casing are both stainless steel material) corrosion resistance characteristics;  
 High efficiency full seal system (adopting imported mechanical seal, and labyrinth seal) without potential leakage;

There is no direct contact between metals when the compressor air end runs;  
 Adopting pure water to seal, lubricate, cool air end, which can adapt to the requirements of various gas compressors, especially for the requirements of explosive-proof gas compressor;  
 With our own intellectual property rights, all kinds of gas compressors can be made according to the requirements of our customers;  
 Totally stainless steel air end with independent patents;  
 Achievements: Gasoline gas compressors, methane compressors, nitrogen compressors, oxygen compressors and other special gas compressors have been successfully developed and applied.





## Dry Oil-free Screw Air Compressor (5.5-250KW)

### Main components



#### Optional: Industry leading GHH oil-free air end / domestic air end

The air compression chamber and the oil chamber are completely separated and do not come into contact with each other.

The rotors are made of stainless steel material, which is more reliable.

The rotor and compression chamber walls of the air end is coated with industry-leading super coating (UITRACOAT). It can effectively prevent from softening, peeling and other phenomena that are prone to occur when using general coatings such as Teflon. excellent anti-corrosion properties and reduces meshing gaps.



#### Permanent magnet variable frequency control system

Large size color LCD touch screen with excellent human-machine communication interface;

Customized vector frequency converter, perfectly matched with the motor;

A dedicated program that fully monitors the various parameters of the machine, automatically controls the machine status, and does not require dedicated supervision;

Independent air duct design, suitable for various working conditions.



#### Independent air intake system

Independent air intake ensures that the intake temperature is equal to the ambient temperature.

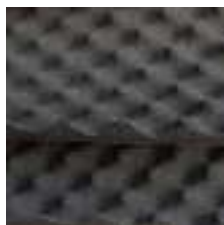
Choosing a large surplus air filter results in better filtration efficiency, lower intake pressure loss, and energy efficiency.

Maintenance and replacement are more convenient.



#### Noise reduction sheet metal design

Multiple noise reduction design, calculated based on noise theory, with dedicated flame-retardant sound-absorbing cotton pasted inside to reduce unit noise and provide a quieter usage environment.



#### Silent centrifugal fan

The dry oil-free screw air compressor adopts the latest centrifugal fan with large cooling air volume, low noise, stable and uniform air pressure, which fully utilizes the cooling area of the cooler and significantly reduces the noise level.



#### Efficient water cooler

The tube nest is a new type of plum blossom shaped copper tube, which has the following advantages over conventional water-cooled heat exchangers:

The cooling water flows through the shell side and passes through multiple sets of baffle components, which increases the turbulence level and reduces the probability of dirt formation on the pipe wall, thereby reducing maintenance costs for users;

The gas flows through the tube and the fins extend axially inside the tube, making it safe and reliable to use, and the fins are not easily detached;

The tube nest can be independently disassembled, making it convenient for users to maintain and upkeep;

Compressed air flows through the pipe and water flows through the shell to reduce the noise generated by compressed air.



#### Noise reducing Venturi tube

The first and second stage engines of the air compressor are equipped with the latest developed Venturi tube muffler, as well as an impedance integrated muffler, which can greatly eliminate the noise emitted by the compressor pipeline.



#### Reliable intake system

Efficient intake valve ensures more stable and reliable operation, avoiding regular replacement of pneumatic components and reducing unnecessary downtime and maintenance costs.



## Fixed Frequency Dry Oil-free Screw air compressor (37-315KW)

Adopting German technology (domestic air end optional), it is a highly environmentally friendly and energy-efficient dry oil-free screw compressor certified by TUV CLASS 0.



Imported air end from German  
China air end



Totally stainless steel design



TUV Rheinland Level 0 Oil Free  
Certification



Efficient gas water separation



YE5 high-efficiency motor



Air consumption free oil mist separation



Low pressure loss, large air filter  
design



Design of Silent Centrifugal Fan



| 规格参数表<br>Technical Parameters |       |          |              |                                        |       |         |              |
|-------------------------------|-------|----------|--------------|----------------------------------------|-------|---------|--------------|
| Model                         | Power | Pressure | Air Delivery | Dimension                              | Noise | Size    | Weight       |
|                               | KW    | Mpa      | m³/min       | L*W*H (mm)                             | DB    | Outlet  | KG           |
| JMW-37A<br>JMW-37W            | 37    | 0.7      | /            | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 1900         |
|                               |       | 0.8      | 5.6          |                                        |       |         |              |
|                               |       | 1.0      | /            |                                        |       |         |              |
| JMW-45A<br>JMW-45W            | 45    | 0.7      | 7.8          | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 1950         |
|                               |       | 0.8      | 6.8          |                                        |       |         |              |
|                               |       | 1.0      | 6.4          |                                        |       |         |              |
| JMW-55A<br>JMW-55W            | 55    | 0.7      | 9.8          | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 2000         |
|                               |       | 0.8      | 9.0          |                                        |       |         |              |
|                               |       | 1.0      | 7.8          |                                        |       |         |              |
| JMW-75A<br>JMW-75W            | 75    | 0.7      | 13.0         | 2200*1400*2000(A)<br>2200*1500*1720(W) | 71±2  | DN50    | 2200         |
|                               |       | 0.8      | 12.2         |                                        |       |         |              |
|                               |       | 1.0      | 11.2         |                                        |       |         |              |
| JMW-90A<br>JMW-90W            | 90    | 0.7      | 16.0         | 2200*1400*2000(A)<br>2200*1500*1720(W) | 71±2  | DN50    | 2300         |
|                               |       | 0.8      | 13.8         |                                        |       |         |              |
|                               |       | 1.0      | 13.1         |                                        |       |         |              |
| JMW-110A<br>JMW-110W          | 110   | 0.7      | 20.6         | 3000*1990*2180(A)<br>2800*1900*1990(W) | 71±2  | DN65    | 3400         |
|                               |       | 0.8      | 19.5         |                                        |       |         |              |
|                               |       | 1.0      | 18.8         |                                        |       |         |              |
| JMW-132A<br>JMW-132W          | 132   | 0.7      | 24.8         | 3000*1990*2180(A)<br>2800*1900*1990(W) | 73±2  | DN65    | 2900         |
|                               |       | 0.8      | 23.0         |                                        |       |         |              |
|                               |       | 1.0      | 19.5         |                                        |       |         |              |
| JMW-160A<br>JMW-160W          | 160   | 0.7      | 28.5         | 3000*1990*2180(A)<br>2800*1900*1990(W) | 73±2  | DN65    | 3750<br>3850 |
|                               |       | 0.8      | 26.3         |                                        |       |         |              |
|                               |       | 1.0      | 23.8         |                                        |       |         |              |
| JMW-185A<br>JMW-185W          | 185   | 0.7      | 32.8         | 3000*1990*2180(A)<br>2800*1900*1990(W) | 74±2  | DN65    | 3860<br>3960 |
|                               |       | 0.8      | 28.9         |                                        |       |         |              |
|                               |       | 1.0      | 27.5         |                                        |       |         |              |
| JMW-200A<br>JMW-200W          | 200   | 0.7      | 36.8         | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 5730<br>5230 |
|                               |       | 0.8      | 34.6         |                                        |       |         |              |
|                               |       | 1.0      | 30.6         |                                        |       |         |              |
| JMW-220A<br>JMW-220W          | 220   | 0.7      | 41.5         | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 6000<br>5500 |
|                               |       | 0.8      | 37.3         |                                        |       |         |              |
|                               |       | 1.0      | 33.0         |                                        |       |         |              |
| JMW-250A<br>JMW-250W          | 250   | 0.7      | 46.0         | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 6400<br>6000 |
|                               |       | 0.8      | 42.8         |                                        |       |         |              |
|                               |       | 1.0      | 38.2         |                                        |       |         |              |
| JMW-280A<br>JMW-280W          | 280   | 0.7      | 48.6         | 4500*2000*2150(A)<br>3100*2200*2105(W) | 78±2  | DN100   | 6500<br>6100 |
|                               |       | 0.8      | 47.5         |                                        |       |         |              |
|                               |       | 1.0      | 45.0         |                                        |       |         |              |
| JMW-315A<br>JMW-315W          | 315   | 0.7      | 52.5         | 4500*2000*2150(A)<br>3100*2200*2105(W) | 78±2  | DN100   | 6600<br>6200 |
|                               |       | 0.8      | 50.6         |                                        |       |         |              |
|                               |       | 1.0      | 48.5         |                                        |       |         |              |
| JMW-355A<br>JMW-355W          | 355   | 0.7      | 65.0         | /                                      | 78±2  | DN150   | /            |
|                               |       | 0.8      | 59.0         |                                        |       |         |              |
|                               |       | 1.0      | 52.2         |                                        |       |         |              |
| JMW-400A<br>JMW-400W          | 400   | 0.7      | 75.5         | /                                      | 78±2  | DN150   | /            |
|                               |       | 0.8      | 67.0         |                                        |       |         |              |
|                               |       | 1.0      | 59.0         |                                        |       |         |              |
| JMW-450A<br>JMW-450W          | 450   | 0.7      | 78.5         | /                                      | 80±2  | DN150   | /            |
|                               |       | 0.8      | 77.3         |                                        |       |         |              |
|                               |       | 1.0      | 66.5         |                                        |       |         |              |
| JMW-500A<br>JMW-500W          | 500   | 0.7      | 86.2         | /                                      | 80±2  | DN150   | /            |
|                               |       | 0.8      | 85.3         |                                        |       |         |              |
|                               |       | 1.0      | 78.0         |                                        |       |         |              |
| JMW-560A<br>JMW-560W          | 560   | 0.7      | /            | /                                      | 80±2  | DN150   | /            |
|                               |       | 0.8      | /            |                                        |       |         |              |
|                               |       | 1.0      | 85.0         |                                        |       |         |              |



## PM Dry Oil-free Screw air compressor (37-315KW)

Adopting German technology (domestic air end optional), it is a highly environmentally friendly and energy-efficient dry oil-free screw compressor certified by TUV CLASS 0.



Imported air end from German  
China air end



Totally stainless steel design



TUV Rheinland Level 0 Oil Free  
Certification



Efficient gas water separation



YE3 high-efficiency motor



Air consumption free oil mist separation



Low pressure loss, large air filter  
design



Design of Silent Centrifugal Fan



### 规格参数表 Technical Parameters

| Model                    | Power | Pressure | Air Delivery | Dimension                              | Noise | Size    | Weight       |
|--------------------------|-------|----------|--------------|----------------------------------------|-------|---------|--------------|
|                          | KW    | Mpa      | m³/min       | L*W*H (mm)                             | DB    | Outlet  | KG           |
| JMW-37APM<br>JMW-37WPM   | 37    | 0.7      | /            | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 1900         |
|                          |       | 0.8      | 3.6-5.6      |                                        |       |         |              |
|                          |       | 1.0      | /            |                                        |       |         |              |
| JMW-45APM<br>JMW-45WPM   | 45    | 0.7      | 4.5-7.8      | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 1850         |
|                          |       | 0.8      | 4.0-6.8      |                                        |       |         |              |
|                          |       | 1.0      | 3.7-6.4      |                                        |       |         |              |
| JMW-55APM<br>JMW-55WPM   | 55    | 0.7      | 5.7-9.8      | 2000*1300*1820(A)<br>2200*1500*1720(W) | 69±2  | G1 1/2" | 1950         |
|                          |       | 0.8      | 5.2-9.0      |                                        |       |         |              |
|                          |       | 1.0      | 4.4-7.8      |                                        |       |         |              |
| JMW-75APM<br>JMW-75WPM   | 75    | 0.7      | 7.6-13.0     | 2200*1400*2000(A)<br>2200*1500*1720(W) | 71±2  | DN50    | 2000         |
|                          |       | 0.8      | 7.2-12.2     |                                        |       |         |              |
|                          |       | 1.0      | 6.6-11.2     |                                        |       |         |              |
| JMW-90APM<br>JMW-90WPM   | 90    | 0.7      | 9.6-16.0     | 2200*1400*2000(A)<br>2200*1500*1720(W) | 71±2  | DN50    | 2100         |
|                          |       | 0.8      | 8.1-13.8     |                                        |       |         |              |
|                          |       | 1.0      | 7.6-13.1     |                                        |       |         |              |
| JMW-110APM<br>JMW-110WPM | 110   | 0.7      | 12.1-20.6    | 3000*1990*2180(A)<br>2800*1900*1990(W) | 71±2  | DN65    | 3100         |
|                          |       | 0.8      | 11.6-19.5    |                                        |       |         |              |
|                          |       | 1.0      | 11.1-18.8    |                                        |       |         |              |
| JMW-132APM<br>JMW-132WPM | 132   | 0.7      | 14.7-24.8    | 3000*1990*2180(A)<br>2800*1900*1990(W) | 73±2  | DN65    | 3200         |
|                          |       | 0.8      | 13.6-23.0    |                                        |       |         |              |
|                          |       | 1.0      | 11.5-19.5    |                                        |       |         |              |
| JMW-160APM<br>JMW-160WPM | 160   | 0.7      | 16.9-28.5    | 3000*1990*2180(A)<br>2800*1900*1990(W) | 73±2  | DN65    | 3300         |
|                          |       | 0.8      | 15.8-26.3    |                                        |       |         |              |
|                          |       | 1.0      | 14.1-23.8    |                                        |       |         |              |
| JMW-185APM<br>JMW-185WPM | 185   | 0.7      | 19.5-32.8    | 3000*1990*2180(A)<br>2800*1900*1990(W) | 74±2  | DN65    | 3400<br>3500 |
|                          |       | 0.8      | 17.1-28.9    |                                        |       |         |              |
|                          |       | 1.0      | 16.3-27.5    |                                        |       |         |              |
| JMW-200APM<br>JMW-200WPM | 200   | 0.7      | 21.8-36.8    | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 5570<br>5000 |
|                          |       | 0.8      | 20.4-34.6    |                                        |       |         |              |
|                          |       | 1.0      | 18.1-30.6    |                                        |       |         |              |
| JMW-220APM<br>JMW-220WPM | 220   | 0.7      | 24.9-41.5    | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 5600<br>5100 |
|                          |       | 0.8      | 22.4-37.3    |                                        |       |         |              |
|                          |       | 1.0      | 19.8-33.0    |                                        |       |         |              |
| JMW-250APM<br>JMW-250WPM | 250   | 0.7      | 27.3-46.0    | 4500*2000*2150(A)<br>3100*2200*2105(W) | 74±2  | DN100   | 5800<br>5200 |
|                          |       | 0.8      | 25.3-42.8    |                                        |       |         |              |
|                          |       | 1.0      | 22.7-38.2    |                                        |       |         |              |
| JMW-280APM<br>JMW-280WPM | 280   | 0.7      | 34.1-48.6    | 4500*2000*2150(A)<br>3100*2200*2105(W) | 78±2  | DN100   | 5900<br>5300 |
|                          |       | 0.8      | 30.9-47.5    |                                        |       |         |              |
|                          |       | 1.0      | 29.3-45.0    |                                        |       |         |              |
| JMW-315APM<br>JMW-315WPM | 315   | 0.7      | 34.1-52.5    | 4500*2000*2150(A)<br>3100*2200*2105(W) | 78±2  | DN100   | 6000<br>5400 |
|                          |       | 0.8      | 33.0-50.6    |                                        |       |         |              |
|                          |       | 1.0      | 31.5-48.5    |                                        |       |         |              |



## Oil-free Scroll Air Compressor (2.2-55KW)



### Product Feature

- Pure oil-free design, compliant with ISO8573-1 CLASS0
- Durable, with almost no attenuation in exhaust over long-term operation
- Equipped with multiple scroll air end, even if one air end is abnormal, the other air ends can operate normally, no need for a standby compressor

| 规格参数表<br>Technical Parameters |             |          |              |                |       |         |        |
|-------------------------------|-------------|----------|--------------|----------------|-------|---------|--------|
| Model                         | Power       | Pressure | Air Delivery | Dimension      | Noise | Size    | Weight |
|                               | KW          | Mpa      | m³/min       | L*W*H (mm)     | DB    | Outlet  | KG     |
| JMW-2.2A                      | 2.2         | 0.8      | 0.24         | 680*640*888    | 60±2  | G1/2"   | 130    |
| JMW-2.2APM                    |             | 1.0      | 0.20         | 680*560*888    |       |         | 100    |
| JMW-3A                        | 3           | 0.8      | 0.30         | 680*640*888    | 60±2  | G1/2"   | 150    |
| JMW-3APM                      |             | 1.0      | 0.26         | 680*560*888    |       |         | 102    |
| JMW-3.7A                      | 3.7         | 0.8      | 0.40         | 680*640*888    | 61±2  | G1/2"   | 155    |
| JMW-3.7APM                    |             | 1.0      | 0.35         | 680*560*888    |       |         | 113    |
| JMW-5.5A                      | 5.5         | 0.8      | 0.60         | 680*640*888    | 61±2  | G1/2"   | 180    |
| JMW-5.5APM                    |             | 1.0      | 0.50         | 680*560*888    |       |         | 119    |
| JMW-7.5A                      | 7.5(3.7*2)  | 0.8      | 0.80         | 1180*760*1250  | 61±2  | G1"     | 341    |
| JMW-7.5APM                    |             | 1.0      | 0.70         | 1180*700*1250  |       |         | 243    |
| JMW-11A                       | 11(3.7*3)   | 0.8      | 1.20         | 1100*700*1600  | 62±2  | G1"     | 496    |
| JMW-11APM                     |             | 1.0      | 1.05         | 1100*700*1500  |       |         | 430    |
| JMW-11A                       | 11(5.2*2)   | 0.8      | 1.20         | 1180*760*1250  | 62±2  | G1"     | 392    |
| JMW-11APM                     |             | 1.0      | 1.10         | 1100*700*1250  |       |         | 258    |
| JMW-15A                       | 15(3.7*4)   | 0.8      | 1.60         | 1500*1180*1250 | 62±2  | G1 1/2" | 656    |
| JMW-15APM                     |             | 1.0      | 1.40         | 1300*860*1260  |       | G1"     | 446    |
| JMW-16.5A                     | 16.5(5.5*3) | 0.8      | 1.80         | 1100*700*1600  | 62±2  | G1"     | 556    |
| JMW-16.5APM                   |             | 1.0      | 1.50         | 1100*700*1500  | 64±2  |         | 322    |
| JMW-18.5A                     | 18.5(3.7*5) | 0.8      | 2.00         | 1500*1180*1640 | 63±2  | G1 1/2" | 808    |
|                               |             | 1.0      | 1.75         |                |       |         |        |
| JMW-22A                       | 22(3.7*6)   | 0.8      | 2.40         | 1500*1180*1640 | 63±2  | G1 1/2" | 878    |
|                               |             | 1.0      | 2.10         |                |       |         |        |
| JMW-22A                       | 22(5.5*4)   | 0.8      | 2.40         | 1500*1180*1250 | 63±2  | G1 1/2" | 643    |
| JMW-22APM                     |             | 1.0      | 2.00         | 1300*860*1260  | 64±2  |         | 470    |
| JMW-26A                       | 26(3.7*7)   | 0.8      | 2.80         | 1650*1550*1500 | 63±2  | G2"     | 921    |
|                               |             | 1.0      | 2.45         |                |       |         |        |
| JMW-27.5A                     | 27.5(5.5*5) | 0.8      | 3.00         | 1500*1180*1640 | 63±2  | G1 1/2" | 908    |
| JMW-27.5APM                   |             | 1.0      | 2.50         | 1300*860*1710  | 65±2  |         | 550    |
| JMW-30A                       | 30(3.7*8)   | 0.8      | 3.20         | 1650*1550*1500 | 66±2  | G2"     | 1011   |
|                               |             | 1.0      | 2.80         |                |       |         |        |
| JMW-33A                       | 33(3.7*9)   | 0.8      | 3.60         | 1650*1550*1950 | 66±2  | G2"     | 1200   |
|                               |             | 1.0      | 3.15         |                |       |         |        |
| JMW-33A                       | 33(5.5*6)   | 0.8      | 3.60         | 1500*1180*1640 | 64±2  | G1 1/2" | 1008   |
| JMW-33APM                     |             | 1.0      | 3.00         | 1300*860*1710  | 65±2  |         | 620    |
| JMW-37A                       | 37(3.7*10)  | 0.8      | 4.00         | 1650*1550*1950 | 66±2  | G2"     | 1350   |
|                               |             | 1.0      | 3.50         |                |       |         |        |
| JMW-38.5A                     | 38.5(5.5*7) | 0.8      | 4.20         | 1650*1550*1500 | 64±2  | G2"     | 1200   |
| JMW-38.5APM                   |             | 1.0      | 3.50         | 1500*900*2200  | 65±2  |         | 1160   |
| JMW-44A                       | 44(5.5*8)   | 0.8      | 4.80         | 1650*1550*1500 | 66±2  | G2"     | 1425   |
| JMW-44APM                     |             | 1.0      | 4.00         | 1500*900*2200  |       |         | 1220   |
| JMW-49.5A                     | 49.5(5.5*9) | 0.8      | 5.40         | 1650*1550*1950 | 66±2  | G2"     | 1500   |
| JMW-49.5APM                   |             | 1.0      | 4.50         | 1500*1360*1940 |       |         | 1265   |
| JMW-55A                       | 55(5.5*10)  | 0.8      | 6.00         | 1650*1550*1950 | 66±2  | G2"     | 1615   |
| JMW-55APM                     |             | 1.0      | 5.00         | 1500*1360*1940 |       |         | 1310   |

## Integrated Oil-free Scroll Air Compressor(2.2-16.5KW)

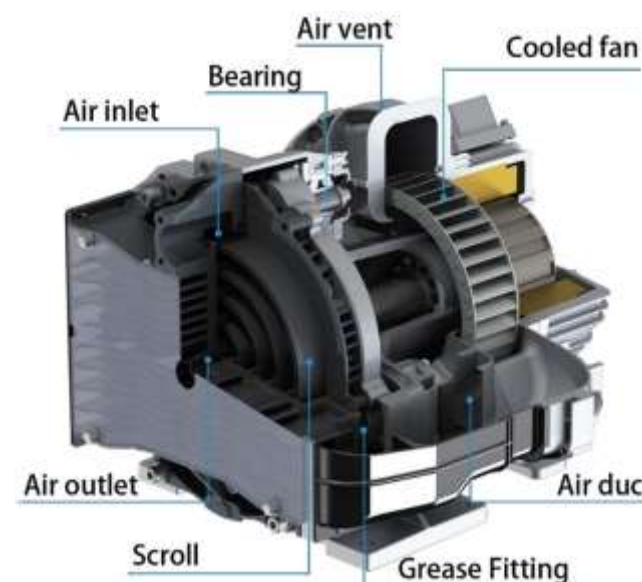


### Product Feature

- Pure oil-free design, compliant with ISO8573-1 CLASS0
- Integrates a scroll compressor, air tank, filter, refrigerated dryer, or adsorption air dryer
- Compact structure, easy installation, light weight, and low noise

| 规格参数表<br>Technical Parameters |             |          |              |           |             |               |       |        |        |
|-------------------------------|-------------|----------|--------------|-----------|-------------|---------------|-------|--------|--------|
| Model                         | Power       | Pressure | Air Delivery | Dew point | Tank volume | Dimension     | Noise | Size   | Weight |
|                               | KW          | Mpa      | m³/min       | °C        | L           | L*W*H (mm)    | DB    | Outlet | KG     |
| JMW-2.2A                      | 2.2         | 0.80     | 0.22         | -15       | 200         | 1375*640*1520 | 63±2  | G3/4"  | 245    |
| JMW-2.2APM                    |             | 1.00     | 0.20         |           |             | 1375*560*1518 | 60±2  |        | 247    |
| JMW-3.7A                      | 3.7         | 0.80     | 0.38         | -15       | 200         | 1375*640*1520 | 63±2  | G3/4"  | 250    |
| JMW-3.7APM                    |             | 1.00     | 0.35         |           |             | 1375*560*1518 | 61±2  |        | 261    |
| JMW-5.5A                      | 5.5         | 0.80     | 0.57         | -15       | 200         | 1375*640*1520 | 63±2  | G3/4"  | 290    |
| JMW-5.5APM                    |             | 1.00     | 0.50         |           |             | 1375*560*1518 |       |        | 267    |
| JMW-7.5A                      | 7.5(3.7*2)  | 0.80     | 0.76         | -15       | 300         | 1692*760*1935 | 63±2  | G1"    | 444    |
| JMW-7.5APM                    |             | 1.00     | 0.70         |           |             | 1652*700*1930 |       |        | 371    |
| JMW-11A                       | 11(5.5*2)   | 0.80     | 1.15         | -15       | 300         | 1692*760*1935 | 66±2  | G1"    | 495    |
| JMW-11APM                     |             | 1.00     | 1.00         |           |             | 1652*700*1930 | 63±2  |        |        |
| JMW-16.5A                     | 16.5(5.5*3) | 0.80     | 1.71         | -15       | 300         | 1740*760*2380 | 67±2  | G1"    | 880    |
| JMW-16.5APM                   |             | 1.00     | 1.50         |           |             | 2180*760*2380 |       |        | 590    |

## Sectional drawing of scroll compressor



### Scroll compression principle

1. The orbiting scroll rotates in the order of 1-2-3-4 as shown in the figure
2. After being compressed, the air is discharged from the exhaust port at the central part
3. The crescent-shaped compression chamber gradually reduces in volume
4. The air is compressed again through circulation





Oil-free Screw air compressor (5.5-400KW)



Product Feature

- Class 0 Pure oil-free  
Special labyrinth seal ensures complete oil-free in the compression chamber
- Low power consumption  
Based on adiabatic compression principle, it has a 20-35% higher efficiency than Roots blower with larger capacity and more stability
- Low noise  
Compared to traditional Roots blowers, noise is lower and smoother
- Intelligent control  
Intelligent PLC control, remote control, real-time operation data display

Widely used in various industries such as wastewater treatment, textiles, chemical fibers, pharmaceuticals, paper making, steel, power generation, cement, glass, glass etc.

| 规格参数表<br>Technical Parameters |             |                                                                                            |                                                                  |                                                    |                         |                     |
|-------------------------------|-------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------|-------------------------|---------------------|
| Model                         | Power<br>KW | Pressure<br>(Bar/Kpa)                                                                      | Air Delivery<br>m³/min                                           | Dimension<br>(mm)                                  | Size<br>Outlet          | Weight<br>KG        |
| JMB-5.5APM                    | 5.5         | 0.4/40<br>0.6/60                                                                           | 4.0<br>3.2                                                       | 1400*1100*1360                                     | DN150                   | 700                 |
| JMB-7.5APM                    | 7.5         | 0.4/40<br>0.6/60<br>0.8/80                                                                 | 6.4<br>4.6<br>3.5                                                | 1400*1100*1360                                     | DN150                   | 750                 |
| JMB-11APM                     | 11          | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150                                | 9.0<br>7.5<br>6.0<br>4.8<br>4.0<br>2.8                           | 1400*1100*1360                                     | DN150                   | 800                 |
| JMB-15APM                     | 15          | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150                                | 13.6<br>10.5<br>8.3<br>6.7<br>5.8<br>4.5                         | 1400*1100*1360                                     | DN150                   | 800                 |
| JMB-18.5APM                   | 18.5        | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150                                | 16.2<br>13.1<br>10.3<br>9.2<br>7.5<br>6.0                        | 2200*1250*1900<br>1400*1100*1360                   | DN150<br>DN150          | 1250<br>800         |
| JMB-22APM                     | 22          | 0.4/40<br>0.5/50<br>0.6/60<br>0.7/70<br>0.8/80<br>1.0/100<br>1.2/120<br>1.3/130<br>1.5/150 | 22.0<br>19.0<br>16.0<br>14.5<br>13.0<br>9.5<br>8.8<br>8.3<br>7.0 | 2200*1250*1900<br>1400*1100*1360                   | DN150<br>DN150          | 1250<br>850         |
| JMB-30APM                     | 30          | 0.4/40<br>0.6/60<br>0.7/70<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150                      | 29.0<br>26.0<br>23.5<br>21.5<br>15.8<br>12.5<br>7.5              | 2700*1400*1900<br>2200*1250*1900<br>1400*1100*1360 | DN200<br>DN150<br>DN150 | 1750<br>1250<br>800 |
| JMB-37APM                     | 37          | 0.4/40<br>0.5/50<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150                      | 38.0<br>35.0<br>32.0<br>26.0<br>21.5<br>15.5<br>12.5             | 2700*1400*1900<br>2200*1250*1900                   | DN200<br>DN150          | 1750<br>1350        |
| JMB-45APM                     | 45          | 0.4/40<br>0.5/50<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150<br>2.0/200           | 44.0<br>42.0<br>38.0<br>33.5<br>26.0<br>21.0<br>15.5<br>10.5     | 2700*1400*1900<br>2200*1250*1900                   | DN200<br>DN150          | 1750<br>1400        |

|            |     |                                                                                                       |                                                                              |                                                    |                         |                      |
|------------|-----|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|-------------------------|----------------------|
| JMB-55APM  | 55  | 0.4/40<br>0.6/60<br>0.7/70<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200           | 58.0<br>48.0<br>44.0<br>41.5<br>35.0<br>31.0<br>25.0<br>23.0<br>21.0         | 3100*1500*2150<br>2700*1400*1900<br>2200*1250*1900 | DN250<br>DN200<br>DN150 | 2200<br>1800<br>1350 |
|            |     | 0.4/40<br>0.6/60<br>0.7/70<br>0.8/80<br>0.9/90<br>1.0/100<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200 | 78.0<br>68.0<br>61.0<br>55.0<br>51.0<br>47.0<br>42.5<br>34.0<br>27.0<br>24.5 | 3100*1500*2150<br>2700*1400*1900<br>2200*1250*1900 | DN250<br>DN200<br>DN150 | 2200<br>1800<br>1350 |
|            |     | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200                     | 98.0<br>78.0<br>68.0<br>61.0<br>49.0<br>42.0<br>34.0<br>30.5                 | 3300*1750*2350<br>3100*1500*2150<br>2700*1400*1900 | DN300<br>DN250<br>DN200 | 2550<br>2200<br>1850 |
|            |     | 0.4/40<br>0.5/50<br>0.6/60<br>0.7/70<br>1.0/100<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200           | 113.0<br>102.0<br>98.0<br>87.0<br>67.5<br>60.0<br>51.0<br>41.5<br>37.5       | 3300*1750*2350<br>3100*1500*2150                   | DN300<br>DN250          | 2600<br>2250         |
|            |     | 0.6/60<br>0.8/80<br>1.0/100<br>1.1/110<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200                    | 112.0<br>97.0<br>81.0<br>73.0<br>71.0<br>58.0<br>50.0<br>42.0                | 3300*1750*2350<br>3100*1500*2150                   | DN300<br>DN250          | 2600<br>2300         |
|            |     | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.1/110<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200          | 180.0<br>130.0<br>111.0<br>101.0<br>89.0<br>80.0<br>70.0<br>63.0<br>55.0     | 3600*2100*2350<br>3300*1750*2350<br>3100*1500*2150 | DN300<br>DN300<br>DN250 | 3500<br>2750<br>2300 |
|            |     | 0.4/40<br>0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150<br>2.0/200                                | 203.0<br>154.0<br>129.0<br>110.0<br>96.0<br>83.0<br>60.0                     | 3600*2100*2350<br>3300*1750*2350<br>3100*1500*2150 | DN300<br>DN300<br>DN250 | 3500<br>2800<br>2300 |
|            |     | 0.5/50<br>0.6/60<br>0.8/80<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200                                | 195.0<br>177.0<br>144.0<br>110.0<br>90.0<br>77.0<br>66.0                     | 3600*2100*2350<br>3300*1750*2350                   | DN300<br>DN300          | 3600<br>2800         |
| JMB-220APM | 220 | 0.8/80<br>1.5/150<br>1.8/180<br>2.0/200                                                               | 159.0<br>100.0<br>86.0<br>76.0                                               | 3600*2100*2350<br>3300*1750*2350                   | DN300<br>DN300          | 3600<br>2800         |
| JMB-250APM | 250 | 0.6/60<br>0.8/80<br>1.0/100<br>1.2/120<br>1.5/150<br>1.8/180<br>2.0/200                               | 220.0<br>182.0<br>150.0<br>125.0<br>108.0<br>96.0<br>85.0                    | 3600*2100*2400<br>3300*1750*2350                   | DN300<br>DN300          | 3800<br>2700         |
|            |     | 0.8/80<br>1.0/100<br>1.1/110<br>1.2/120<br>2.0/200                                                    | 206.0<br>178.0<br>162.0<br>148.0<br>95.0                                     | 3600*2100*2400<br>3300*1750*2350                   | DN300<br>DN300          | 3900<br>2700         |
|            |     | 1.0/100<br>1.2/120                                                                                    | 195.0<br>170.0                                                               | 3600*2100*2400                                     | DN300                   | 4000                 |
|            |     | 1.5/150                                                                                               | 130.0                                                                        |                                                    |                         |                      |
|            |     | 1.2/120<br>1.5/150                                                                                    | 192.0<br>160.0                                                               | 3600*2100*2400                                     | DN300                   | 4100                 |
| JMB-400APM | 400 | 1.5/150                                                                                               | 188.0                                                                        | 3600*2100*2400                                     | DN300                   | 4200                 |



## Screw Vacuum (5.5-90KW)



### Product Features

#### Suitable for various occasions

Vacuum pumps are widely used in various applications, including machinery and equipment for plastic, glass, bottling, canning, packaging, printing, electronics, semiconductors, paper making, and meat packaging.

#### Advantages of permanent magnet variable frequency screw vacuum pump

Compared to oil-lubricated and dry-type vacuum pumps, it has superior performance and cost advantages.

Higher efficiency, with a permanent magnet integrated variable frequency drive design, the structure is more compact, and the energy efficiency is higher, achieving up to 50% energy savings.

It operates smoothly, with a noise level significantly lower than other similar products.



The body of the screw vacuum pump adopts the BS new type body

New screw profile design, integrated permanent magnet structure, and improved performance

Stable and efficient, suitable for various complex working conditions

New design, superior performance

Easy to use, simple to maintain

Using an efficient vacuum filter can more effectively remove impurities and protect the pump body.

Adopting a more optimized design to facilitate the replacement of filter cartridges.

The top cover of the oil-gas separator is uniquely designed with an "H" shaped structure, which allows condensate water to collect at the outlet of the exhaust pipe and be discharged through the equipment cover.

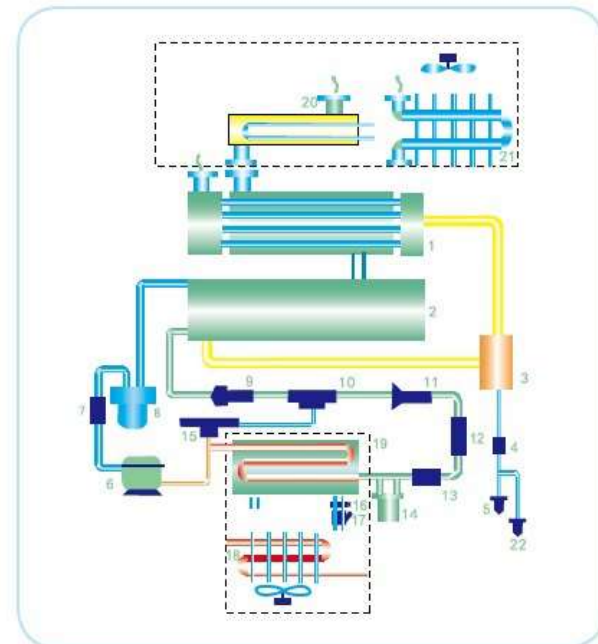
| 规格参数表<br>Technical Parameters |       |             |               |                  |                   |                |        |
|-------------------------------|-------|-------------|---------------|------------------|-------------------|----------------|--------|
| Model                         | Power | Max. Vacuum | Max. Capacity | Inlet Connection | Outlet Connection | Dimension      | Weight |
|                               | KW    | mbar (a)    | m³/min        | mm               | mm                | L*H*W, mm      | KG     |
| JMV-5.5APM                    | 5.5   | 0.7         | 7.0           | DN100            | DN80              | 1480*1000*1350 | 870    |
| JMB-7.5APM                    | 7.5   | 0.7         | 9.5           | DN100            | DN80              | 1480*1000*1350 | 870    |
| JMB-11APM                     | 11    | 0.7         | 12.2          | DN100            | DN80              | 1550*1060*1450 | 930    |
| JMB-15APM                     | 15    | 0.7         | 15.0          | DN100            | DN80              | 1550*1060*1450 | 980    |
| JMB-18.5APM                   | 18.5  | 0.7         | 17.5          | DN125            | DN100             | 1600*1300*1700 | 1500   |
| JMB-22APM                     | 22    | 0.7         | 23.3          | DN125            | DN100             | 1600*1300*1700 | 1550   |
| JMB-30APM                     | 30    | 0.7         | 27.0          | DN125            | DN100             | 1600*1560*1700 | 1650   |
| JMB-37APM                     | 37    | 0.7         | 30.0          | DN125            | DN100             | 1600*1560*1700 | 1700   |
| JMB-45APM                     | 45    | 0.7         | 43.3          | DN200            | DN150             | 2860*1750*2050 | 1900   |
| JMB-55APM                     | 55    | 0.7         | 61.0          | DN200            | DN150             | 2860*1750*2050 | 2000   |
| JMB-75APM                     | 75    | 0.7         | 75.0          | DN250            | DN200             | 3300*2200*2250 | 3000   |
| JMB-90APM                     | 90    | 0.7         | 85.0          | DN250            | DN200             | 3300*2200*2250 | 3100   |



## Compressed air purification equipment

### Refrigerated Air Dryer

Process flow chat of refrigerated air dryer



- 1、 Heat exchanger
- 2、 Evaporator
- 3、 Gas/liquid separator
- 4、 Jam-prevent drain filter
- 5、 Manual draining valve
- 6、 Refrigerated compressor
- 7、 Aspirating filter
- 8、 Vaporization
- 9、 Separator
- 10、 Gas/liquid mixer
- 11、 Thermal expansion valve
- 12、 View monitor
- 13、 Dry filter
- 14、 Tank
- 15、 Hot gas by-pass valve
- 16、 Water adjustable valve
- 17、 Water filter
- 18、 Condenser(Air-cooling)
- 19、 Condenser(Water-cooling)
- 20、 Per-cooler(Water-cooling)
- 21、 Per-cooler(Air-cooling)
- 22、 Auto-drainer

Standard Working Condition

| Cooling Way           | 风冷 Air-cooled                            |
|-----------------------|------------------------------------------|
| Capacity              | 1.2-65 m3/min                            |
| Power (KW)            | 0.85-13                                  |
| Inlet air temperature | ≤45℃ (Standard type)<br>≤80℃ (High TEMP) |
| Ambient temperature   | ≤45℃                                     |
| Pressure dew point    | 2-10℃                                    |
| Inlet air pressure    | 0.4-1.3 Mpa                              |
| Pressure drop         | ≤3% of the working pressure              |
| Refrigerant           | R22/R134A/R407C                          |

A refrigerated air dryer lowers the temperature of the compressed air, forcing moisture to condense out. This is lowering the dew point of the air. Especially suitable for the areas free of water or short of water resources.

Our air dryer can handle temperatures up to 80℃ which will work well with any air compressor.

Standard Working Condition

| Cooling Way                  | Water-cooled                             |
|------------------------------|------------------------------------------|
| Capacity                     | 11-300 m3/min                            |
| 功率 Power (KW)                | 2.5-60                                   |
| Inlet air temperature        | ≤45℃ (Standard type)<br>≤80℃ (High TEMP) |
| Ambient temperature          | ≤45℃                                     |
| Pressure dew point           | 2-10℃                                    |
| Inlet air pressure           | 0.4-1.3 Mpa                              |
| Pressure drop                | ≤3% of the working pressure              |
| Refrigerant                  | R22/R134A/R407C                          |
| Cooling water Inlet pressure | 0.2-0.4 Mpa                              |

A refrigerated air dryer lowers the temperature of the compressed air, forcing moisture to condense out. This is lowering the dew point of the air. Especially suitable for the areas enough for water resources. Our air dryer can handle temperatures up to 80℃ which will work well with any air compressor.

## Normal / High Temperature Air-cooling Refrigerated Air Dryer



### Working Condition and Technical Parameters

Cooling method: Air cooled

Normal TEMP Inlet temperature: ≤45℃

High TEMP Inlet temperature: ≤80℃

Inlet pressure: 0.4~1.0Mpa

Pressure drop: ≤0.03 Mpa

Dew point: 2~10℃

Refrigerant: R22, can be customized

规格参数表 Technical Parameters

| MODEL                      | Air Capacity<br>m <sup>3</sup> /min | Voltage/Hz    | Compressor<br>Power | Fan Power<br>(W) | Connection<br>Inlet/outlet | Dimension<br>L*W*H, mm                   | Weight<br>(KG) |
|----------------------------|-------------------------------------|---------------|---------------------|------------------|----------------------------|------------------------------------------|----------------|
| JMAD-1NTA<br>JMAD-1HTA     | 1.5<br>1.6                          | 220V/1Ph/50Hz | 0.5<br>0.7          | 80<br>95         | ZG1"                       | 665*425*560(NT)<br>750*420*730(HT)       | 37<br>45       |
| JMAD-2NTA<br>JMAD-2HTA     | 2.5                                 | 220V/1Ph/50Hz | 0.7<br>0.9          | 95<br>120        | ZG1"<br>ZG1 1/2"           | 750*420*730(NT)<br>800*440*800(HT)       | 45<br>60       |
| JMAD-3NTA<br>JMAD-3HTA     | 3.5<br>3.8                          | 220V/1Ph/50Hz | 0.9<br>1.0          | 120<br>240       | ZG1 1/2"                   | 800*440*800(NT)<br>923*500*910(HT)       | 60<br>80       |
| JMAD-5NTA<br>JMAD-5HTA     | 5.5                                 | 220V/1Ph/50Hz | 1.0<br>1.2          | 240              | ZG1 1/2"                   | 923*500*910                              | 76<br>80       |
| JMAD-6NTA<br>JMAD-6HTA     | 6.5<br>6.8                          | 220V/1Ph/50Hz | 1.0<br>1.6          | 240<br>300       | ZG1 1/2"<br>ZG2"           | 923*500*910(NT)<br>995*585*1080(HT)      | 80<br>90       |
| JMAD-8NTA<br>JMAD-8HTA     | 8.5                                 | 220V/1Ph/50Hz | 1.6<br>1.8          | 300              | ZG2"                       | 995*585*1080                             | 90<br>95       |
| JMAD-10NTA<br>JMAD-10HTA   | 11.5                                | 220V/1Ph/50Hz | 2.0                 | 380              | ZG2 1/2"                   | 1125*625*1045                            | 120<br>150     |
| JMAD-13NTA<br>JMAD-13HTA   | 13.5                                | 380V/3Ph/50Hz | 3.0                 | 400<br>420       | ZG2 1/2"                   | 1125*625*1045                            | 150            |
| JMAD-15NTA<br>JMAD-15HTA   | 16.5                                | 380V/3Ph/50Hz | 3.1                 | 480              | ZG2 1/2"<br>DN65           | 1120*700*1230                            | 190            |
| JMAD-20NTA<br>JMAD-20HTA   | 22                                  | 380V/3Ph/50Hz | 3.68<br>4.5         | 480<br>600       | DN80                       | 1500*750*1335(NT)<br>1300*750*1230(HT)   | 220<br>260     |
| JMAD-25NTA<br>JMAD-25HTA   | 27                                  | 380V/3Ph/50Hz | 4.41<br>4.5         | 480<br>600       | DN80                       | 1700*750*1395(NT)<br>1300*750*1230(HT)   | 270<br>280     |
| JMAD-30NTA<br>JMAD-30HTA   | 35<br>34                            | 380V/3Ph/50Hz | 5.15<br>6.9         | 720<br>750       | DN100                      | 1770*850*1445(NT)<br>1600*820*1520(HT)   | 360<br>390     |
| JMAD-40NTA<br>JMAD-40HTA   | 45                                  | 380V/3Ph/50Hz | 6.62<br>9.2         | 720<br>1080      | DN100                      | 1950*900*1560(NT)<br>1800*820*1560(HT)   | 490<br>420     |
| JMAD-50NTA<br>JMAD-50HTA   | 55                                  | 380V/3Ph/50Hz | 8.82<br>11          | 720<br>2020      | DN125<br>DN100             | 1950*1050*1600(NT)<br>1900*900*1570(HT)  | 560            |
| JMAD-60NTA<br>JMAD-60HTA   | 65                                  | 380V/3Ph/50Hz | 11.03<br>14         | 760<br>2020      | DN125                      | 2200*1325*1585(NT)<br>1900*900*1570(HT)  | 680<br>560     |
| JMAD-80NTA<br>JMAD-80HTA   | 87<br>85                            | 380V/3Ph/50Hz | 14.7<br>18          | 960<br>1560      | DN150                      | 2500*1325*1695(NT)<br>2500*1000*1900(HT) | 760<br>680     |
| JMAD-100NTA<br>JMAD-100HTA | 110                                 | 380V/3Ph/50Hz | 18.4<br>20          | 1440<br>3330     | DN150                      | 2700*1690*2100(NT)<br>2800*1000*2100(HT) | 970<br>850     |

NTA represents air dryer is Normal Temperature type cooled by Air.

HTA represents air dryer is High Temperature type cooled by Air.



Normal / High Temperature Water-cooling Refrigerated Air Dryer



**Working Condition and Technical Parameters**  
Cooling method: Water cooling  
Cooled water inlet temp: ≤32℃  
Normal TEMP Inlet temperature: ≤45℃  
High TEMP Inlet temperature:≤80℃  
Inlet pressure: 0. 4～1. 0Mpa  
Pressure drop: ≤0.03 Mpa  
Dew point:2～10℃  
Refrigerant: R22, can be customized

| 规格参数表<br>Technical Parameters |                         |               |                     |                       |                              |                            |                                          |                |
|-------------------------------|-------------------------|---------------|---------------------|-----------------------|------------------------------|----------------------------|------------------------------------------|----------------|
| MODEL                         | Air Capacity<br>m³ /min | Voltage/Hz    | Compressor<br>Power | Cooled water<br>m³ /H | Cooled water<br>Inlet/ourlet | Connection<br>Inlet/outlet | Dimension<br>L*W*H, mm                   | Weight<br>(KG) |
| JMAD-13NTW<br>JMAD-13HTW      | 13.5                    | 380V/3Ph/50Hz | 2.7                 | 5                     | DN20                         | ZG2"                       | 1370*565*1250(NT)<br>1370*565*1155(HT)   | 310<br>220     |
| JMAD-15NTW<br>JMAD-15HTW      | 17                      | 380V/3Ph/50Hz | 3.1                 | 6                     | DN25                         | DN65                       | 1470*745*1450(NT)<br>1470*745*1155(HT)   | 450<br>350     |
| JMAD-20NTW<br>JMAD-20HTW      | 23                      | 380V/3Ph/50Hz | 4.5                 | 7                     | DN25                         | DN80                       | 1570*745*1550(NT)<br>1570*745*1155(HT)   | 480<br>460     |
| JMAD-25NTW<br>JMAD-25HTW      | 27                      | 380V/3Ph/50Hz | 5.3                 | 9                     | DN32                         | DN80                       | 1660*845*1550(NT)<br>1670*845*1260(HT)   | 620<br>550     |
| JMAD-30NTW<br>JMAD-30HTW      | 34                      | 380V/3Ph/50Hz | 6.9                 | 11                    | DN32                         | DN100                      | 1670*845*1770(NT)<br>1670*845*1260(HT)   | 720<br>650     |
| JMAD-40NTW<br>JMAD-40HTW      | 45                      | 380V/3Ph/50Hz | 9.2                 | 15                    | DN45                         | DN100                      | 1870*890*1700(NT)<br>1870*890*1260(HT)   | 870<br>750     |
| JMAD-50NTW<br>JMAD-50HTW      | 55                      | 380V/3Ph/50Hz | 11.2                | 20                    | DN45                         | DN100                      | 2160*1120*1850(NT)<br>2050*1100*1550(HT) | 1250<br>1100   |
| JMAD-60NTW<br>JMAD-60HTW      | 65                      | 380V/3Ph/50Hz | 14                  | 22                    | DN45                         | DN125                      | 2400*1120*2000(NT)<br>2090*1120*1640(HT) | 1550<br>1400   |
| JMAD-80NTW<br>JMAD-80HTW      | 87                      | 380V/3Ph/50Hz | 18                  | 25                    | DN50                         | DN100                      | 2500*1120*2100(NT)<br>2500*1120*1640(HT) | 1950<br>1800   |
| JMAD-100NTW<br>JMAD-100HTW    | 110                     | 380V/3Ph/50Hz | 20                  | 30                    | DN50                         | DN150                      | 2860*1860*2150(NT)<br>2600*1350*1820(HT) | 2600<br>2000   |
| JMAD-150NTW<br>JMAD-150HTW    | 160                     | 380V/3Ph/50Hz | 20                  | 40                    | DN65                         | DN200                      | 3300*1750*2470(NT)<br>3300*1750*2000(HT) | 3200<br>2200   |
| JMAD-200NTW<br>JMAD-200HTW    | 210                     | 380V/3Ph/50Hz | 37                  | 50                    | DN80                         | DN200                      | 3800*1750*2470(NT)<br>3800*1750*2000(HT) | 3700<br>2500   |
| JMAD-300NTW<br>JMAD-300HTW    | 310                     | 380V/3Ph/50Hz | 45                  | 80                    | DN100                        | DN250                      | 4000*2000*2560(NT)<br>4000*2000*2200(HT) | 4300<br>3000   |

NTW represents air dryer is Normal Temperature type cooled by Water

HTW represents air dryer is High Temperature type cooled by Water

Combined Low Dew Point Air Dryer



**Working Condition and Technical Parameters**  
Inlet Pressure: 0. 6～1. 0 Mpa  
Inlet temperature: ≤45℃  
Dew point:-40～-70℃  
Purge air:3～5%  
Pressure drop: ≤0. 05 Mpa

| 规格参数表<br>Technical Parameters |                         |               |                     |                      |                         |                            |                        |                     |                        |
|-------------------------------|-------------------------|---------------|---------------------|----------------------|-------------------------|----------------------------|------------------------|---------------------|------------------------|
| MODEL                         | Air Capacity<br>m³ /min | Voltage/Hz    | Compressor<br>Power | Heating<br>Power(KW) | Air volume<br>(N.m³ /H) | Connection<br>Inlet/outlet | Dimension<br>L*W*H, mm | Dryer<br>Weight(KG) | quipment<br>Weight(KG) |
| JMADC-1WXA<br>JMADC-1MXA      | 1.6                     | 220V/1Ph/50Hz | 0.59<br>1/3         | /<br>0.5             | 965                     | ZG1"                       | 1170*880*1408          | 25                  | 305                    |
| JMADC-3WXA<br>JMADC-3MXA      | 3.8                     | 220V/1Ph/50Hz | 1.0                 | /<br>3.0             | 3110                    | ZG1 1/2"                   | 1250*885*1415          | 56                  | 510                    |
| JMADC-6WXA<br>JMADC-6MXA      | 6.8                     | 220V/1Ph/50Hz | 2.0                 | /<br>4.0             | 6220                    | ZG1 1/2"                   | 1470*1010*1790         | 126                 | 775                    |
| JMADC-8WXA<br>JMADC-8MXA      | 8.5                     | 220V/1Ph/50Hz | 2.5                 | /<br>4.5             | 8470                    | ZG2"                       | 1500*1060*2031         | 155                 | 920                    |
| JMADC-10WXA<br>JMADC-10MXA    | 11.5                    | 220V/1Ph/50Hz | 3.0                 | /<br>6.0             | 8470                    | ZG2"                       | 1760*1120*1865         | 220                 | 1060                   |
| JMADC-13WXA<br>JMADC-13MXA    | 13.5                    | 220V/1Ph/50Hz | 3.0                 | /<br>6.0             | 8740                    | ZG2"                       | 1760*1180*1920         | 238                 | 1190                   |
| JMADC-15WXA<br>JMADC-15MXA    | 17.0                    | 380V/3Ph/50Hz | 3.5                 | /<br>6.5             | 8740                    | DN65                       | 1760*1360*2205         | 275                 | 1325                   |
| JMADC-20WXA<br>JMADC-20MXA    | 23.0                    | 380V/3Ph/50Hz | 4.2                 | /<br>9.0             | 8740                    | DN65<br>DN80               | 1960*1440*2470         | 395                 | 1740                   |
| JMADC-25WXA<br>JMADC-25MXA    | 27.0                    | 380V/3Ph/50Hz | 5.3                 | /<br>9.0             | 10560                   | DN80                       | 2030*1480*2473         | 490                 | 2060                   |
| JMADC-30WXA<br>JMADC-30MXA    | 34.0                    | 380V/3Ph/50Hz | 6.7                 | /<br>12.0            | 10560                   | DN80                       | 2220*1640*2542         | 600                 | 2375                   |
| JMADC-40WXA<br>JMADC-40MXA    | 45.0                    | 380V/3Ph/50Hz | 10.0                | /<br>18.0            | 15840                   | DN100                      | 2340*1710*2872         | 845                 | 2960                   |
| JMADC-50WXA<br>JMADC-50MXA    | 55.0                    | 380V/3Ph/50Hz | 10.0                | /<br>21.0            | 15840                   | DN100                      | 2340*1800*2960         | 1008                | 3320                   |
| JMADC-60WXA<br>JMADC-60MXA    | 67.0                    | 380V/3Ph/50Hz | 13.3                | /<br>25.0            | 18000                   | DN125                      | 2520*2000*2990         | 1170                | 3445                   |

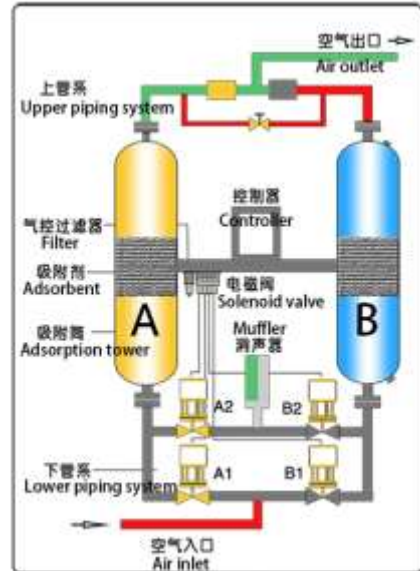


## Heatless regenerative adsorption Air Dryer



### Working Condition and Technical Parameters

Working pressure: 0.4~1.0Mpa  
Rated inlet temperature: 0~45℃  
Air outlet dew point: ≤45℃ (POP)  
Air consumption rate: ≤14.5%  
System pressure drop: ≤0.021Mpa  
Switching period: T=5~10 Minutes (Adjustable)  
Desiccant: Activated aluminum  
Air inlet oil content : ≤0.1 PPM  
Power: 220V/1Ph/50Hz



Working process of heatless regenerative adsorption dryer

**Adsorption** - Wet air enters the adsorption cylinder A from through valve A1 and flows upward through the adsorbent layer. The dried air is discharged to the system.

**Regeneration** - A portion of the dried air (approximately 10%) enters the adsorption cylinder B for regeneration via a pressure regulating valve. It regenerates the adsorbent inside the adsorption cylinder B, restoring its drying capacity. The regeneration air is discharged into the atmosphere through valve B2 and a muffle.

**Regeneration Switching** -- After the adsorbent regeneration is completed, valves A1 and B2 are closed, while valves B1 and A2 are opened, completing the switching between the 2 cylinders.

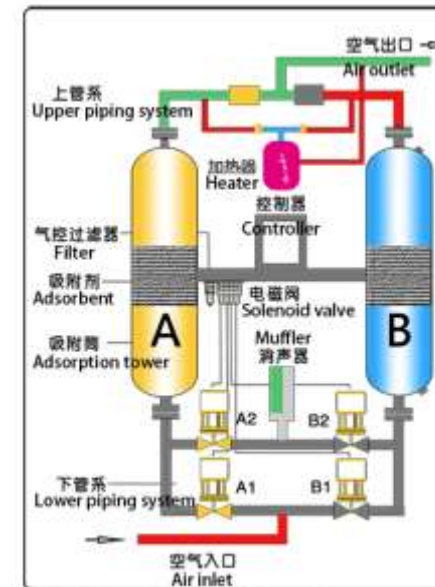
| 规格参数表<br>Technical Parameters |                        |                       |                         |                |  |
|-------------------------------|------------------------|-----------------------|-------------------------|----------------|--|
| Name<br>Model                 | Air Capacity<br>m³/min | Connection<br>Caliber | Dimension<br>L*W*H (mm) | Weight<br>(KG) |  |
| JMAD-1WXA                     | 1.5                    | ZG1"                  | 750*350*1450            | 100            |  |
| JMAD-2WXA                     | 2.5                    | ZG1"                  | 750*350*1600            | 110            |  |
| JMAD-3WXA                     | 3.8                    | ZG1"                  | 1050*500*1500           | 210            |  |
| JMAD-6WXA                     | 6.8                    | ZG1 1/2"              | 1050*500*1850           | 300            |  |
| JMAD-8WXA                     | 8.5                    | ZG2"                  | 1100*550*1850           | 360            |  |
| JMAD-10WXA                    | 11.5                   | ZG2"                  | 1100*550*2000           | 390            |  |
| JMAD-13WXA                    | 13.5                   | ZG2"                  | 1200*500*2100           | 500            |  |
| JMAD-15WXA                    | 17                     | DN65                  | 1200*500*2300           | 600            |  |
| JMAD-20WXA                    | 23                     | DN65                  | 1400*500*2100           | 700            |  |
| JMAD-25WXA                    | 27                     | DN80                  | 1400*500*2450           | 920            |  |
| JMAD-30WXA                    | 34                     | DN80                  | 1500*600*2350           | 1050           |  |
| JMAD-40WXA                    | 45                     | DN100                 | 1700*800*2400           | 1200           |  |
| JMAD-50WXA                    | 55                     | DN100                 | 1800*900*2600           | 1500           |  |
| JMAD-60WXA                    | 65                     | DN100                 | 1900*900*2700           | 1700           |  |
| JMAD-80WXA                    | 87                     | DN125                 | 2000*900*2700           | 2200           |  |
| JMAD-100WXA                   | 110                    | DN150                 | 2200*1000*2800          | 2700           |  |
| JMAD-120WXA                   | 130                    | DN150                 | 2500*1200*2800          | 4100           |  |
| JMAD-150WXA                   | 160                    | DN200                 | 2600*1500*2850          | 4900           |  |
| JMAD-200WXA                   | 210                    | DN200                 | 2900*1600*2900          | 6400           |  |
| JMAD-250WXA                   | 260                    | DN250                 | 3000*1800*3000          | 7700           |  |
| JMAD-300WXA                   | 310                    | DN250                 | 3300*2000*3000          | 9020           |  |
| JMAD-350WXA                   | 360                    | DN300                 | 3700*2100*3000          | 11900          |  |
| JMAD-400WXA                   | 410                    | DN300                 | 4000*2700*3100          | 13100          |  |

## Heated regenerative adsorption Air Dryer



### Working Condition and Technical Parameters

Working pressure: 0.4~1.0Mpa  
Rated inlet temperature: 0~45℃  
Air outlet dew point: ≤45℃~70℃ (POP)  
Air consumption rate: ≤8%  
System pressure drop: ≤0.021Mpa  
Switching period: T=120~240 Minutes (Adjustable)  
Desiccant: Activated aluminum  
Air inlet oil content : ≤0.1 PPM  
Power: 380V/3Ph/50Hz



Working principle of heated regenerative adsorption dryer

**Adsorption** - Wet air enters the adsorption cylinder A from through valve A1 and flows upward through the adsorbent layer. The dried air is discharged to the system.

**Regeneration** - A small amount of dry gas (about 7%) passes through the upper piping system, goes through a pressure regulating valve, is decompressed, and then heated. It enters the adsorption cylinder B and desorbs and regenerates the adsorbent inside from top to bottom, restoring its drying capacity. The regenerated gas passes through the lower pipe valve B2 and a muffle before being discharged into the atmosphere.

**Regeneration Switching** -- After the adsorbent regeneration is completed, valves A1 and B2 are closed, while valves B1 and A2 are opened, completing the switching between the 2 cylinders.

| 规格参数表<br>Technical Parameters |                        |                      |                       |                         |                |
|-------------------------------|------------------------|----------------------|-----------------------|-------------------------|----------------|
| Name<br>Model                 | Air Capacity<br>m³/min | Heater Power<br>(KW) | Connection<br>Caliber | Dimension<br>L*W*H (mm) | Weight<br>(KG) |
| JMAD-1MXA                     | 1.5                    | 0.5                  | ZG1"                  | 750*350*1450            | 120            |
| JMAD-2MXA                     | 2.5                    | 1                    | ZG1"                  | 750*350*1600            | 130            |
| JMAD-3MXA                     | 3.8                    | 1.2                  | ZG1 1/2"              | 1050*500*1500           | 230            |
| JMAD-6MXA                     | 6.8                    | 2.1                  | ZG1 1/2"              | 1050*500*1850           | 330            |
| JMAD-8MXA                     | 8.5                    | 3                    | ZG2"                  | 1100*550*1850           | 390            |
| JMAD-10MXA                    | 11.5                   | 4                    | ZG2"                  | 1100*550*2000           | 420            |
| JMAD-13MXA                    | 13.5                   | 4                    | ZG2"                  | 1200*500*2100           | 550            |
| JMAD-15MXA                    | 17                     | 5                    | DN65                  | 1200*500*2300           | 650            |
| JMAD-20MXA                    | 23                     | 6                    | DN65                  | 1400*500*2100           | 750            |
| JMAD-25MXA                    | 27                     | 8                    | DN80                  | 1400*500*2450           | 970            |
| JMAD-30MXA                    | 34                     | 10                   | DN80                  | 1500*600*2350           | 1150           |
| JMAD-40MXA                    | 45                     | 12                   | DN100                 | 1700*800*2400           | 1300           |
| JMAD-50MXA                    | 55                     | 15                   | DN100                 | 1800*900*2600           | 1600           |
| JMAD-60MXA                    | 65                     | 18                   | DN100                 | 1900*900*2700           | 1800           |
| JMAD-80MXA                    | 87                     | 27                   | DN125                 | 2000*900*2700           | 2350           |
| JMAD-100MXA                   | 110                    | 36                   | DN150                 | 2200*1000*2800          | 2850           |
| JMAD-120MXA                   | 130                    | 42                   | DN150                 | 2500*1200*2800          | 4300           |
| JMAD-150MXA                   | 160                    | 54                   | DN200                 | 2600*1500*2850          | 5200           |
| JMAD-200MXA                   | 210                    | 72                   | DN200                 | 2900*1600*2900          | 6700           |
| JMAD-250MXA                   | 260                    | 90                   | DN250                 | 3000*1800*3000          | 8000           |
| JMAD-300MXA                   | 310                    | 113                  | DN250                 | 3300*2000*3000          | 9270           |
| JMAD-350MXA                   | 360                    | 124.8                | DN300                 | 3700*2100*3000          | 12200          |
| JMAD-400MXA                   | 410                    | 146                  | DN300                 | 4000*2700*3100          | 13400          |



## Pipeline precision filter

The precision pipeline filter ensures the quality of compressed air for users, especially in industries such as laser cutting, bottle blowing, food, medicine, beverage, electronic semiconductor, precision instruments, and advanced spraying. By installing a precision pipeline filter, impurities (such as oil, moisture, particles, etc.) in the compressed air can be effectively removed.

| 规格参数表<br>Technical Parameters |               |       |              |                |       |              |            |        |
|-------------------------------|---------------|-------|--------------|----------------|-------|--------------|------------|--------|
| Model                         | Flow Capacity |       | Connection   | Dimension (mm) |       | Filter Model | Filter QTY | Weight |
|                               | m³/min        | CFM   | Inlet/outlet | Hight          | Width |              |            | KG     |
| JMAF-9/7/5/3/1-001            | 1.5           | 53    | ZG1"         | 300            | 105   | 001E         | 1          | 1.5    |
| JMAF-9/7/5/3/1-002            | 2.6           | 92    | ZG1"         | 300            | 105   | 002E         | 1          | 1.7    |
| JMAF-9/7/5/3/1-003            | 3.8           | 134   | ZG1.5"       | 370            | 125   | 003E         | 1          | 2.5    |
| JMAF-9/7/5/3/1-006            | 6.8           | 240   | ZG1.5"       | 500            | 125   | 006E         | 1          | 3.0    |
| JMAF-9/7/5/3/1-008            | 8.5           | 300   | ZG2"         | 600            | 140   | 008E         | 1          | 4.5    |
| JMAF-9/7/5/3/1-010            | 11.5          | 406   | ZG2"         | 600            | 140   | 010E         | 1          | 5.0    |
| JMAF-9/7/5/3/1-013            | 13.5          | 477   | ZG2"         | 800            | 135   | 013E         | 1          | 7.5    |
| JMAF-9/7/5/3/1-015            | 17            | 600   | DN65         | 1000           | 380   | 015E         | 1          | 65     |
| JMAF-9/7/5/3/1-020            | 23            | 812   | DN80         | 1100           | 380   | 020E         | 1          | 70     |
| JMAF-9/7/5/3/1-025            | 27            | 953   | DN80         | 1100           | 420   | 025E         | 1          | 85     |
| JMAF-9/7/5/3/1-030            | 34            | 1200  | DN100        | 1100           | 440   | 030E         | 2          | 90     |
| JMAF-9/7/5/3/1-040            | 45            | 1589  | DN100        | 1185           | 440   | 040E         | 2          | 100    |
| JMAF-9/7/5/3/1-050            | 55            | 1942  | DN100        | 1185           | 517   | 050E         | 3          | 105    |
| JMAF-9/7/5/3/1-060            | 65            | 988.4 | DN125        | 1335           | 517   | 060E         | 3          | 120    |
| JMAF-9/7/5/3/1-080            | 87            | 3071  | DN150        | 1335           | 580   | 080E         | 4          | 160    |
| JMAF-9/7/5/3/1-100            | 110           | 3883  | DN150        | 1410           | 600   | 100E         | 5          | 200    |
| JMAF-9/7/5/3/1-150            | 165           | 5825  | DN200        | 1540           | 600   | 150E         | 8          | 250    |
| JMAF-9/7/5/3/1-200            | 210           | 7413  | DN200        | 1568           | 750   | 200E         | 10         | 300    |
| JMAF-9/7/5/3/1-250            | 260           | 9178  | DN250        | 1700           | 850   | 250E         | 12         | 320    |
| JMAF-9/7/5/3/1-300            | 320           | 11296 | DN250        | 1700           | 850   | 300E         | 14         | 350    |
| JMAF-9/7/5/3/1-350            | 360           | 12708 | DN300        | 1750           | 950   | 350E         | 16         | 420    |
| JMAF-9/7/5/3/1-400            | 410           | 14473 | DN300        | 1750           | 950   | 400E         | 19         | 435    |

## Filtration grade of pipeline precision filter

| Filter grade | Equal | Filtration grade | Oil content |
|--------------|-------|------------------|-------------|
|              |       | μm               | ppm         |
| JMAF-9       | C     | 3                | 3           |
| JMAF-7       | T     | 1                | 1           |
| JMAF-5       | A     | 0.01             | 0.01        |
| JMAF-3       | F     | 0.01             | 0.003       |
| JMAF-1       | H     | 0.01             | 0.001       |



## Air Receiver (0.8-1.6 Mpa)

| TECHNICAL PARAMETERS |         |             | JOY MACHINERY (SHANGHAI) CO.,LTD. |                |           |     |        |            |     |        |         |    |              |              |        |
|----------------------|---------|-------------|-----------------------------------|----------------|-----------|-----|--------|------------|-----|--------|---------|----|--------------|--------------|--------|
| No.                  | Model   | Design Temp | Total Height                      | Inner Diameter | Air Inlet |     |        | Air Outlet |     |        | Support |    | Safety Valve | Drain Outlet | Weight |
|                      | m3/Mpa  | °C          | H1                                | Φ              | H2        | DN  | Thread | H3         | DN  | Thread | D       | d  | Size         | Size         | KG     |
| 1                    | 0.3/0.8 | 110         | 1594                              | 550            | 642       | 50  | Rp1½   | 1242       | 50  | Rp1½   | 400     | 20 | Rp1/2        | R1/2         | 121    |
| 2                    | 0.3/1.0 |             | 1594                              |                | 642       |     |        | 1242       |     |        |         |    |              |              | 139    |
| 3                    | 0.3/1.3 |             | 1598                              |                | 644       |     |        | 1244       |     |        |         |    |              |              | 167    |
| 4                    | 0.3/1.6 |             | 1598                              |                | 644       |     |        | 1244       |     |        |         |    |              |              | 195    |
| 5                    | 0.6/0.8 | 110         | 1905                              | 700            | 680       | 65  | Rp1½   | 1550       | 65  | Rp1½   | 490     | 24 | Rp1/2        | R1/2         | 185    |
| 6                    | 0.6/1.0 |             | 1907                              |                | 681       |     |        | 1551       |     |        |         |    |              |              | 217    |
| 7                    | 0.6/1.3 |             | 1909                              |                | 682       |     |        | 1552       |     |        |         |    |              |              | 265    |
| 8                    | 0.6/1.6 |             | 1907                              |                | 681       |     |        | 1551       |     |        |         |    |              |              | 313    |
| 9                    | 1.0/0.8 | 110         | 2305                              | 800            | 690       | 65  | Rp1½   | 1920       | 65  | Rp1½   | 560     | 24 | Rp3/4        | R1/2         | 283    |
| 10                   | 1.0/1.0 |             | 2307                              |                | 691       |     |        | 1921       |     |        |         |    |              |              | 324    |
| 11                   | 1.0/1.3 |             | 2305                              |                | 690       |     |        | 1920       |     |        |         |    |              |              | 331    |
| 12                   | 1.0/1.6 |             | 2307                              |                | 691       |     |        | 1921       |     |        |         |    |              |              | 338    |
| 13                   | 1.5/0.8 | 110         | 2265                              | 1000           | 760       | 65  | Rp2"   | 1810       | 65  | Rp2"   | 700     | 24 | Rp3/4        | R1/2         | 408    |
| 14                   | 1.5/1.0 |             | 2265                              |                | 760       |     |        | 1810       |     |        |         |    |              |              | 473    |
| 15                   | 1.5/1.3 |             | 2267                              |                | 761       |     |        | 1811       |     |        |         |    |              |              | 423    |
| 16                   | 1.5/1.6 |             | 2566                              |                | 753       |     |        | 2118       |     |        |         |    |              |              | 488    |
| 17                   | 2.0/0.8 | 110         | 2780                              | 1000           | 760       | 80  | Rp2"   | 2320       | 80  | Rp2"   | 700     | 24 | Rp1½         | R1/2         | 513    |
| 18                   | 2.0/1.0 |             | 2780                              |                | 760       |     |        | 2320       |     |        |         |    |              |              | 661    |
| 19                   | 2.0/1.3 |             | 2782                              |                | 761       |     |        | 2321       |     |        |         |    |              |              | 538    |
| 20                   | 2.0/1.6 |             | 2786                              |                | 763       |     |        | 2323       |     |        |         |    |              |              | 686    |
| 21                   | 2.5/0.8 | 110         | 3300                              | 1000           | 760       | 80  |        | 2840       | 80  |        | 700     | 24 | Rp1½         | R1/2         | 642    |
| 22                   | 2.5/1.0 |             | 3300                              |                | 760       |     |        | 2840       |     |        |         |    |              |              | 724    |
| 23                   | 2.5/1.3 |             | 3302                              |                | 761       |     |        | 2841       |     |        |         |    |              |              | 773    |
| 24                   | 2.5/1.6 |             | 2836                              |                | 788       |     |        | 2348       |     |        |         |    |              |              | 855    |
| 25                   | 3.0/0.8 | 110         | 2920                              | 1200           | 850       | 80  |        | 2410       | 80  |        | 906     | 24 | Rp1½         | R3/4         | 735    |
| 26                   | 3.0/1.0 |             | 2922                              |                | 851       |     |        | 2411       |     |        |         |    |              |              | 917    |
| 27                   | 3.0/1.3 |             | 2926                              |                | 853       |     |        | 2413       |     |        |         |    |              |              | 855    |
| 28                   | 3.0/1.6 |             | 2926                              |                | 853       |     |        | 2413       |     |        |         |    |              |              | 1037   |
| 29                   | 4.0/0.8 | 110         | 3030                              | 1400           | 910       | 100 |        | 2470       | 100 |        | 1050    | 24 | Rp1½         | R3/4         | 949    |
| 30                   | 4.0/1.0 |             | 3032                              |                | 911       |     |        | 2471       |     |        |         |    |              |              | 1170   |
| 31                   | 4.0/1.3 |             | 3036                              |                | 913       |     |        | 2473       |     |        |         |    |              |              | 1019   |
| 32                   | 4.0/1.6 |             | 3040                              |                | 915       |     |        | 2475       |     |        |         |    |              |              | 1240   |
| 33                   | 5.0/0.8 | 110         | 3700                              | 1400           | 910       | 100 |        | 2990       | 100 |        | 1050    | 24 | Rp2          | R3/4         | 1148   |
| 34                   | 5.0/1.0 |             | 3702                              |                | 911       |     |        | 2991       |     |        |         |    |              |              | 1419   |
| 35                   | 5.0/1.3 |             | 3726                              |                | 913       |     |        | 3013       |     |        |         |    |              |              | 1198   |
| 36                   | 5.0/1.6 |             | 3730                              |                | 915       |     |        | 3015       |     |        |         |    |              |              | 1469   |
| 37                   | 6.0/0.8 | 110         | 4330                              | 1400           | 910       | 125 |        | 3621       | 125 |        | 1050    | 24 | Rp2          | R3/4         | 1192   |
| 38                   | 6.0/1.0 |             | 4332                              |                | 911       |     |        | 3621       |     |        |         |    |              |              | 1320   |
| 39                   | 6.0/1.3 |             | 4346                              |                | 913       |     |        | 3633       |     |        |         |    |              |              | 1377   |
| 40                   | 6.0/1.6 |             | 4350                              |                | 915       |     |        | 3635       |     |        |         |    |              |              | 1505   |
| 41                   | 8.0/0.8 | 110         | 3154                              | 2000           | 1082      | 125 |        | 2362       | 125 |        | 1500    | 32 | Rp2          | R3/4         | 1598   |
| 42                   | 8.0/1.0 |             | 3156                              |                | 1083      |     |        | 2363       |     |        |         |    |              |              | 1605   |
| 43                   | 8.0/1.3 |             | 3190                              |                | 1100      |     |        | 2380       |     |        |         |    |              |              | 1960   |
| 44                   | 8.0/1.6 |             | 3194                              |                | 1102      |     |        | 2382       |     |        |         |    |              |              | 2315   |
| 45                   | 10/0.8  | 110         | 3754                              | 2000           | 1082      | 150 |        | 2962       | 150 |        | 1500    | 32 | Rp2½         | R3/4         | 1847   |
| 46                   | 10/1.0  |             | 3756                              |                | 1083      |     |        | 2963       |     |        |         |    |              |              | 2262   |
| 47                   | 10/1.3  |             | 3790                              |                | 1100      |     |        | 2980       |     |        |         |    |              |              | 2658   |
| 48                   | 10/1.6  |             | 3794                              |                | 1102      |     |        | 2982       |     |        |         |    |              |              | 3054   |
| 49                   | 12/0.8  | 110         | 4354                              | 2000           | 1082      | 150 |        | 3562       | 150 |        | 1500    | 32 | Rp2½         | R3/4         | 2104   |
| 50                   | 12/1.0  |             | 4356                              |                | 1083      |     |        | 3563       |     |        |         |    |              |              | 2577   |
| 51                   | 12/1.3  |             | 4390                              |                | 1100      |     |        | 3580       |     |        |         |    |              |              | 3026   |
| 52                   | 12/1.6  |             | 4394                              |                | 1102      |     |        | 3582       |     |        |         |    |              |              | 3475   |
| 53                   | 15/0.8  | 110         | 4531                              | 2200           | 1208      | 150 |        | 3618       | 150 |        | 1650    | 32 | Rp2½         | R1           | 2422   |
| 54                   | 15/1.0  |             | 4533                              |                | 1209      |     |        | 3619       |     |        |         |    |              |              | 2971   |
| 55                   | 15/1.3  |             | 4569                              |                | 1227      |     |        | 3637       |     |        |         |    |              |              | 3497   |
| 56                   | 15/1.6  |             | 4573                              |                | 1229      |     |        | 3639       |     |        |         |    |              |              | 4023   |
| 57                   | 20/0.8  | 110         | 5246                              | 2400           | 1348      | 200 |        | 4168       | 200 |        | 1800    | 32 | Rp3          | R1           | 3680   |
| 58                   | 20/1.0  |             | 5250                              |                | 1350      |     |        | 4170       |     |        |         |    |              |              | 3693   |
| 59                   | 20/1.3  |             | 5254                              |                | 1352      |     |        | 4172       |     |        |         |    |              |              | 4985   |
| 60                   | 20/1.6  |             | 5258                              |                | 1354      |     |        | 4174       |     |        |         |    |              |              | 6277   |
| 61                   | 25/0.8  | 110         | 6146                              | 2400           | 1348      | 200 |        | 5068       | 200 |        | 1800    | 32 | Rp3          | R1           | 4247   |
| 62                   | 25/1.0  |             | 6150                              |                | 1350      |     |        | 5070       |     |        |         |    |              |              | 4254   |
| 63                   | 25/1.3  |             | 6154                              |                | 1352      |     |        | 5072       |     |        |         |    |              |              | 5785   |
| 64                   | 25/1.6  |             | 6158                              |                | 1354      |     |        | 5074       |     |        |         |    |              |              | 7316   |
| 65                   | 30/0.8  | 110         | 6706                              | 2500           | 1373      | 200 |        | 5603       | 200 |        | 1875    | 36 | Rp3          | R1           | 5054   |
| 66                   | 30/1.0  |             | 6710                              |                | 1375      |     |        | 5605       |     |        |         |    |              |              | 5969   |
| 67                   | 30/1.3  |             | 6718                              |                | 1379      |     |        | 5609       |     |        |         |    |              |              | 6922   |
| 68                   | 30/1.6  |             | 6722                              |                | 1381      |     |        | 5611       |     |        |         |    |              |              | 7875   |
| 69                   | 40/0.8  | 110         | 8886                              | 2500           | 1373      | 200 |        | 7413       | 200 |        | 1875    | 36 | Rp3          | R1           | 6213   |
| 70                   | 40/1.0  |             | 8890                              |                | 1375      |     |        | 7415       |     |        |         |    |              |              | 7362   |
| 71                   | 40/1.3  |             | 8898                              |                | 1379      |     |        | 7419       |     |        |         |    |              |              | 8536   |



## Application cases



## Common configuration of air compressor system

