

Air Compressor 22kw

| NO. | Name | Unit | Parameter | |
|---|------------------------------------|---------------------|--------------------|-----|
| Permanent magnet variable frequency screw compressor | | | | |
| 1 | Exhaust volume | m ³ /min | 0.7Mpa | 3.9 |
| | | | 0.8Mpa | 3.8 |
| 2 | Power | kw/HP | 22/30 | |
| 3 | Ambient temperature | °C | ≤40°C | |
| 4 | Cooling method | - | Wind cooling | |
| 5 | Exhaust temperature | °C | ≤Ambient temp+10°C | |
| 6 | Rotor profile | - | RW83 | |
| 7 | Oil content at gas outlet | PPm | ≤3 | |
| 8 | Dust content | µm | ≤3 | |
| 9 | Noise | dB(A) | 64±2 | |
| 10 | Dimension | mm | 950*820*1150 | |
| 11 | Weight | kg | 345 | |
| 12 | Exhaust port diameter | inch | 1 1/4" | |
| Motor | | | | |
| 1 | Model | - | DY30-38 | |
| 2 | Transmission mode | - | Coaxial | |
| 3 | Cooling method | - | Liquid cooling | |
| 4 | Rated voltage | V | 380 | |
| 5 | Rated current | A | 36.9 | |
| 6 | Rated frequency | Hz | 253.3 | |
| 7 | Rated speed | rpm | 3800 | |
| 8 | Protection level | - | IP65 | |
| 9 | Insulation grade | - | F | |
| 10 | Efficiency | % | 95.9 | |
| Compressor component brand | | | | |
| NO. | Name | Brand | Remark | |
| 1 | Compressor host | JAGUAR | | |
| 2 | Permanent magnet synchronous motor | JAGUAR | | |
| 3 | AC contactor | Liangxin | | |
| 4 | Air filter | JAGUAR | | |
| 5 | Oil filter | JAGUAR | | |
| 6 | Oil and gas separator | JAGUAR | | |
| 7 | Minimum pressure valve | Nantong Hongxing | | |
| 8 | Intake valve | Nantong Hongxing | | |
| 9 | Pressure transmitter | JAGUAR | | |

| | | | |
|----|-------------------------------|----------|--|
| 10 | Temperature sensor | JAGUAR | |
| 11 | Safety valve | Chaochao | |
| 12 | Interface | Inovance | |
| 13 | Body | JAGUAR | |
| 14 | Oil and gas separation barrel | JAGUAR | |
| 15 | Plate-fin radiator | JAGUAR | |
| 16 | Integrated inverter | Inovance | |
| 17 | Lubricating oil | JAGUAR | |
| 18 | Oil volume | 12L | |

Freeze Dryer

| | | | |
|----|-----------------------------|---------------------|---------------|
| 1 | Air handling capacity | m ³ /min | 4 |
| 2 | Ambient temperature | °C | 2~40 |
| 3 | Cooling method | - | Wind cooling |
| 4 | Intake air temperature | °C | 5~45 |
| 5 | Pressure | Mpa | 0.4~1.0 |
| 6 | Pressure loss | Mpa | ≤0.035 |
| 7 | High pressure gauge range | Mpa | 1.5~1.7 |
| 8 | Low pressure gauge range | Mpa | 0.3~0.5 |
| 9 | Refrigerant | - | R22 |
| 10 | Refrigerant addition amount | g | 700 |
| 11 | Pressure dew point | °C | 2~10 |
| 12 | Dimension | mm | 720*600*831 |
| 13 | Weight | kg | 80 |
| 14 | Air pipe diameter | inch | G1 1/2'' |
| 15 | Power supply | - | 1PH/220V/50Hz |
| 16 | Cooling capacity | kw | 2.77 |
| 17 | Compressor power | kw | 0.885 |
| 18 | Fan power | w | 85 |
| 19 | Power consumption | kw | 0.98 |

Freeze Dryer component brand

| NO. | Name | Brand | Remark |
|-----|----------------------------------|------------|--------|
| 1 | Exchanger evaporator assembly | JAGUAR | |
| 2 | Condenser | JAGUAR | |
| 3 | Fan | Weiguang | |
| 4 | Refrigerant compressor | Matsushita | |
| 5 | Dry filter | Jinteng | |
| 6 | Electronic automatic drain valve | Qiaoke | |
| 7 | Pressure switch | Maijike | |
| 8 | Power distribution assembly | JAGUAR | |
| 9 | Refrigerant pressure gauge | Jinteng | |
| 10 | Copper tube | JAGUAR | |

| | | | |
|----|--------------|---------|--|
| 11 | Base | JAGUAR | |
| 12 | Bracket | JAGUAR | |
| 13 | Feet | JAGUAR | |
| 14 | Door board | JAGUAR | |
| 15 | Bypass valve | Xinfeng | |



Note: Air tank not included in price offered. Please purchase from local directly.