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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



Compressor and aftertreatment equipment



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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



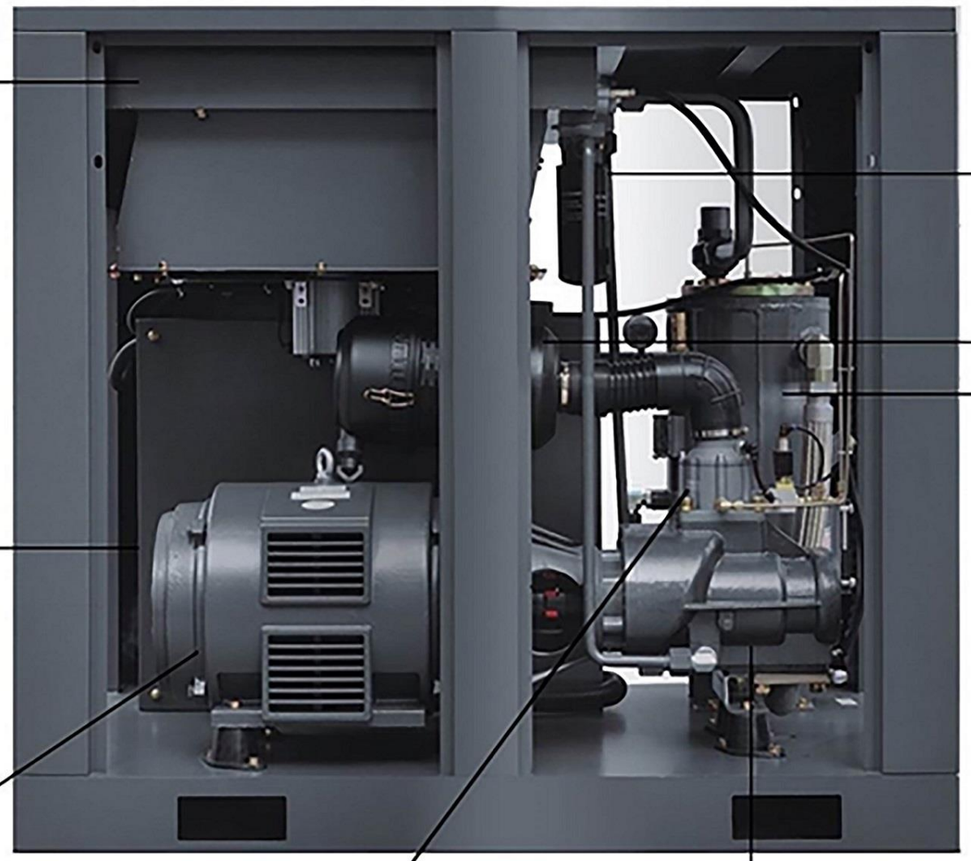
Easy-to-operate control system



Schneider electric components

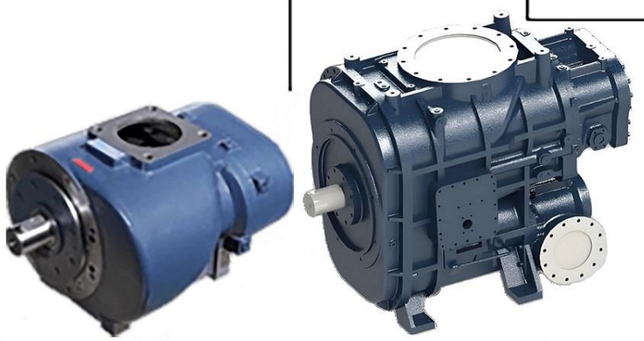


Class F insulated motor, SKF heavy-duty bearing
Energy efficiency is 3-5% higher than similar product





0-100% automatic adjustment of air intake valve



High quality, high efficient air end



Oil filter

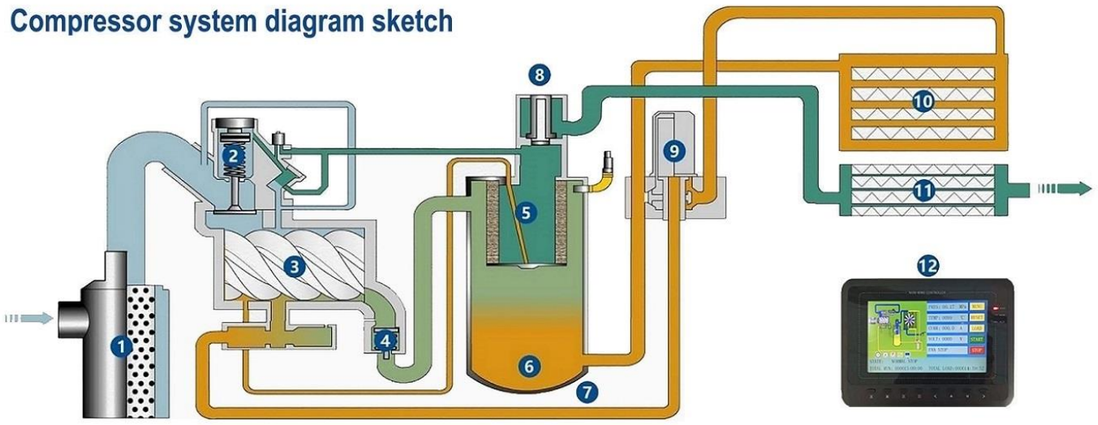


Air filter



Oil/air separator

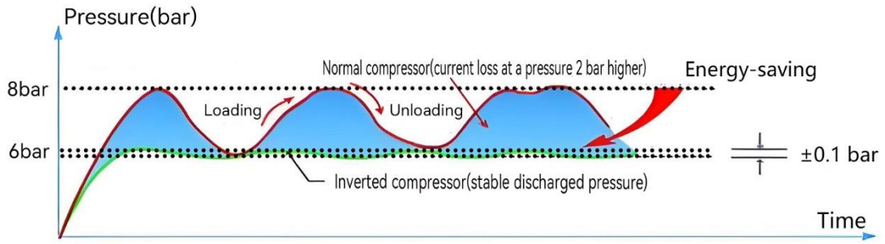
Compressor system diagram sketch



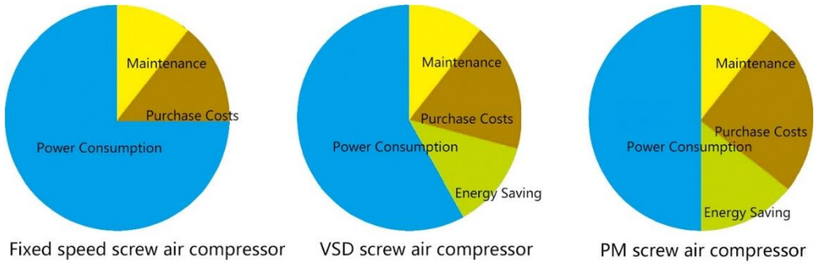
Start-up of screw air compressor

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



Fixed speed screw air compressor | VSD screw air compressor | PM screw air compressor

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Main components of oil lubricated screw air compressor



Advanced double compression airend

The most energy-efficient isothermal compression with two-stage energy-saving up to10%-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

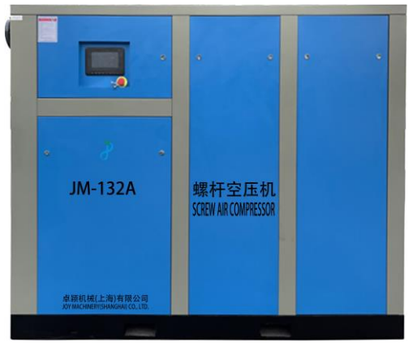
Choose a good filtering material with high filtration accuracy, good durability, and low pressure loss.



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 partides in the air, extending compressor service life

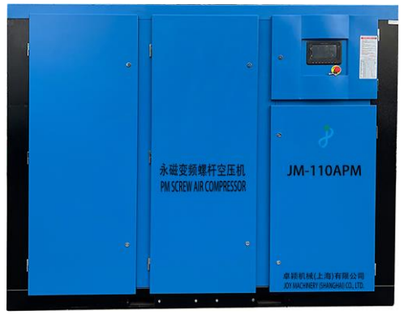
规 格 参 数 表 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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	28.5	82±2	2900*1800*2100	DN100	3000
		0.8	28.0				
		1.0	22.5				
		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.

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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 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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 JM-55WPM	55	0.8	9.5	75±2	1500*1230*1550(A) 2100*1440*1650(W)	G2 1/2"(A) DN50(W)	850(A) 1300(W)
		1.0	7.2				
		1.3	6.7				
JM-75APM JM-75WPM	75	0.8	12.3	75±2	1500*1230*1550(A) 2100*1440*1650(W)	G2 1/2"(A) DN50(W)	950(A) 1500(W)
		1.0	10.8				
		1.3	9.1				
JM-90APM JM-90WPM	90	0.8	15.2	75±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1650
		1.0	12.3				
		1.3	11.5				
JM-110APM JM-110WPM	110	0.8	20.0	78±2	2250*1510*1850(A) 2550*1680*1850(W)	DN65(A) DN80(W)	1800(A) 2700(W)
		1.0	16.3				
		1.3	14.5				
JM-132APM JM-132WPM	132	0.8	23.0	78±2	2250*1510*1850(A) 2550*1680*1850(W)	DN65(A) DN80(W)	1900(A) 2800(W)
		1.0	19.7				
		1.3	16.0				
JM-160APM JM-160WPM	160	0.8	28.5	80±2	2900*1800*2100(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4000(A) 3200(W)
		1.0	22.8				
		1.3	21.5				
JM-185APM JM-185WPM	185	0.8	30.0	80±2	2900*1800*2100(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4200(A) 3600(W)
		1.0	28.0				
		1.3	23.0				
JM-200APM JM-200WPM	200	0.8	33.0	80±2	2900*1800*2100(A) 3600*2250*2300(W)	DN100(A) DN125(W)	4500(A) 5000(W)
		1.0	29.2				
		1.3	26.5				
JM-220APM JM-220WPM	220	0.8	38.0	82±2	3100*2000*2200(A) 3600*2250*2300(W)	DN125	5000(A) 5500(W)
		1.0	33.0				
		1.3	29.0				
JM-250APM JM-250WPM	250	0.8	44.0	82±2	3100*2000*2200(A) 3600*2250*2300(W)	DN125	5500(A) 6000(W)
		1.0	41.0				
		1.3	31.5				

A represents compressor is cooled by air. W represents compressor is cooled by water, PM means Permanent Magnet

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





Product Feature

- The excellent two-stage compression air end more reasonable pressure distribution
- 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 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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	2.9	62±2	1300*980*1220	G1"	500
		0.8	2.7				
JM-18.5AII	18.5	0.7	3.8	62±2	1300*980*1220	G1"	550
		0.8	3.4				
		1.0	2.8				
		1.3	/				
JM-22AII	22	0.7	4.3	64±2	1300*980*1220	G1"	560
		0.8	4.1				
		1.0	3.5				
		1.3	2.7				
JM-30AII	30	0.7	6.4	68±2	1400*1100*1450	G1 1/2"	800
		0.8	5.9				
		1.0	/				
		1.3	3.0				
JM-37AII	37	0.7	7.5	68±2	1400*1100*1450	G1 1/2"	850
		0.8	7.2				
		1.0	6.3				
		1.3	5.4				
JM-45AII JM-45WII	45	0.7	10.0	70±2	1500*1230*1550	G2 1/2"(A) DN50(W)	1500
		0.8	9.5				
		1.0	8.0				
		1.3	6.8				
JM-55AII JM-55WII	55	0.8	13.0	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1700
		0.8	12.5				
		1.0	9.5				
		1.3	8.0				
JM-75AII JM-75WII	75	0.7	15.5	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1800
		0.8	15.2				
		1.0	13.0				
		1.3	11.5				
JM-90AII JM-90WII	90	0.7	20.5	72±2	2450*1700*1760(A) 2550*1680*1850(W)	DN65(A) DN80(W)	2400(A) 2700(W)
		0.8	19.5				
		1.0	16.5				
		1.3	14.0				
JM-110AII JM-110WII	110	0.7	24.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	2800
		0.8	23.0				
		1.0	20.0				
		1.3	16.5				
JM-132AII JM-132WII	132	0.7	29.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	3000(A) 2800(W)
		0.8	27.0				
		1.0	23.7				
		1.3	19.0				
JM-160AII JM-160WII	160	0.7	35.5	76±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4300(A) 3450(W)
		0.8	33.5				
		1.0	30.6				
		1.3	26.0				
JM-185AII JM-185WII	185	0.7	41.0	78±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4500(A) 4000(W)
		0.8	38.0				
		1.0	34.5				
		1.3	29.0				
JM-200AII JM-200WII	200	0.8	45.0	78±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6000(A) 5600(W)
		0.8	42.0				
		1.0	38.0				
		1.3	31.5				
JM-220AII JM-220WII	220	0.7	50.0	80±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6500(A) 6000(W)
		0.8	46.0				
		1.0	41.0				
		1.3	35.0				
JM-250AII JM-250WII	250	0.7	55.5	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125(A) DN100(W)	7000(A) 6500(W)
		0.8	53.0				
		1.0	45.8				
		1.3	40.5				
JM-280AII JM-280WII	280	0.7	62.0	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125	7500(A) 7000(W)
		0.8	60.0				
		1.0	52.0				
		1.3	43.0				
JM-315AII JM-315WII	315	0.7	74.0	82±2	4300*2300*2430(A) 4000*2300*2320(W)	DN125	8500(A) 7500(W)
		0.8	67.0				
		1.0	59.0				
		1.3	52.0				
JM-355AII JM-355WII	355	0.7	81.0	82±2	4000*2300*2320	DN125	8000
		0.8	78.0				
		1.0	64.0				
		1.3	56.0				
JM-400AII JM-400WII	400	0.7	89.0	84±2	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	10000(A) 9000(W)
		0.8	84.5				
		1.0	77.0				
		1.3	64.0				
JM-450AII JM-450WII	450	0.7	101.0	84±2	4200*2350*2350	DN150	10000
		0.8	96.0				
		1.0	85.0				
		1.3	79.0				

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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 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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	2.9	62±2	1300*980*1220	G1"	500
		0.8	2.7				
JM-18.5APMII	18.5	0.7	3.8	62±2	1300*980*1220	G1"	550
		0.8	3.4				
		1.0	2.8				
		1.3	/				
JM-22APMII	22	0.7	4.3	64±2	1300*980*1220	G1"	560
		0.8	4.1				
		1.0	3.5				
		1.3	2.7				
JM-30APMII	30	0.7	6.4	68±2	1400*1100*1450	G1 1/2"	800
		0.8	5.9				
		1.0	/				
		1.3	3.0				
JM-37APMII	37	0.7	7.5	68±2	1400*1100*1450	G1 1/2"	850
		0.8	7.2				
		1.0	6.3				
		1.3	5.4				
JM-45APMII JM-45WPMII	45	0.7	10.0	70±2	1500*1230*1550	G2 1/2"(A) DN50(W)	1500
		0.8	9.5				
		1.0	8.0				
		1.3	6.8				
JM-55APMII JM-55WPMII	55	0.8	13.0	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1700
		0.8	12.5				
		1.0	9.5				
		1.3	8.0				
JM-75APMII JM-75WPMII	75	0.7	15.5	70±2	2100*1440*1650	G2 1/2"(A) DN50(W)	1800
		0.8	15.2				
		1.0	13.0				
		1.3	11.5				
JM-90APMII JM-90WPMII	90	0.7	20.5	72±2	2450*1700*1760(A) 2550*1680*1850(W)	DN65(A) DN80(W)	2400(A) 2700(W)
		0.8	19.5				
		1.0	16.5				
		1.3	14.0				
JM-110APMII JM-110WPMII	110	0.7	24.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	2800
		0.8	23.0				
		1.0	20.0				
		1.3	16.5				
JM-132APMII JM-132WPMII	132	0.7	29.0	72±2	2600*1900*1890(A) 2550*1680*1850(W)	DN80	3000(A) 2800(W)
		0.8	27.0				
		1.0	23.7				
		1.3	19.0				
JM-160APMII JM-160WPMII	160	0.7	35.5	76±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4300(A) 3450(W)
		0.8	33.5				
		1.0	30.6				
		1.3	26.0				
JM-185APMII JM-185WPMII	185	0.7	41.0	78±2	3250*2100*2200(A) 3000*2000*2000(W)	DN100(A) DN80(W)	4500(A) 4000(W)
		0.8	38.0				
		1.0	34.5				
		1.3	29.0				
JM-200APMII JM-200WPMII	200	0.8	45.0	78±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6000(A) 5600(W)
		0.8	42.0				
		1.0	38.0				
		1.3	31.5				
JM-220APMII JM-220WPMII	220	0.7	50.0	80±2	3800*2300*2200(A) 3600*2200*2200(W)	DN125(A) DN100(W)	6500(A) 6000(W)
		0.8	46.0				
		1.0	41.0				
		1.3	35.0				
JM-250APMII JM-250WPMII	250	0.7	55.5	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125(A) DN100(W)	7000(A) 6500(W)
		0.8	53.0				
		1.0	45.8				
		1.3	40.5				
JM-280APMII JM-280WPMII	280	0.7	62.0	80±2	3800*2300*2200(A) 3600*2250*2300(W)	DN125	7500(A) 7000(W)
		0.8	60.0				
		1.0	52.0				
		1.3	43.0				
JM-315APMII JM-315WPMII	315	0.7	74.0	82±2	4300*2300*2430(A) 4000*2300*2320(W)	DN125	8500(A) 7500(W)
		0.8	67.0				
		1.0	59.0				
		1.3	52.0				
JM-355APMII JM-355WPMII	355	0.7	81.0	82±2	4000*2300*2320	DN125	8000
		0.8	78.0				
		1.0	64.0				
		1.3	56.0				
JM-400APMII JM-400WPMII	400	0.7	89.0	84±2	4700*2250*2420(A) 4200*2350*2350(W)	DN125(A) DN150(W)	10000(A) 9000(W)
		0.8	84.5				
		1.0	77.0				
		1.3	64.0				
JM-450APMII JM-450WPMII	450	0.7	101.0	84±2	4200*2350*2350	DN150	10000
		0.8	96.0				
		1.0	85.0				
		1.3	79.0				

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
- Intelligent PLC frequency conversion technology, remote and constant pressure control, energy-saving up to about 35%
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

JOY MACHINERY (SHANGHAI) CO.,LTD.
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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, energy-savings up to about 35%
- The dual filtration system filters out impurities and particles in the air, extending compressor service life

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

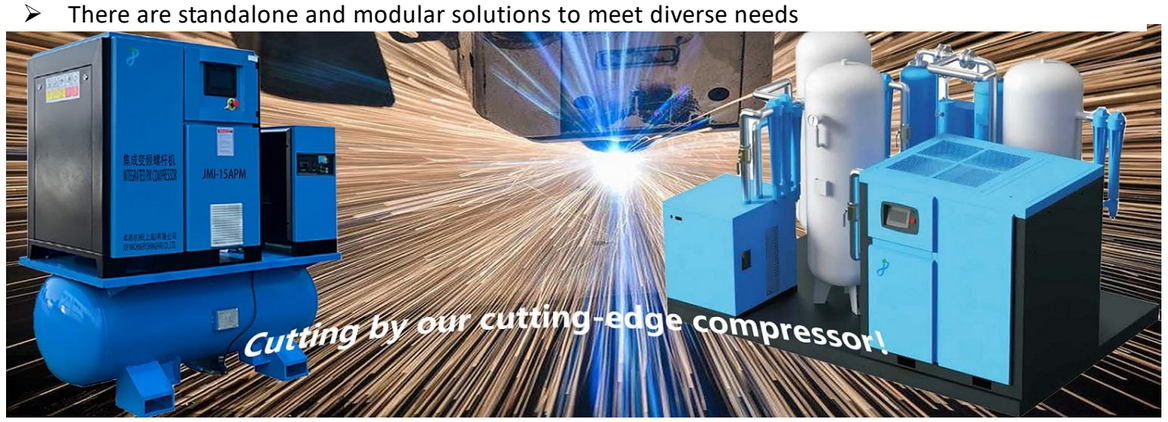
Model	Power	Pressure	Air Delivery	Speed	Dimension	Size	Weight
	KW	Mpa	m³/min	RPM	L*W*H (mm)	Outlet	KG
JM-15APM	15	0.3	3.8	3000	1350*850*1110	G1"	420
		0.4	3.6	3000	1350*850*1110	G1"	420
		0.5	2.9	3000	1350*850*1110	G1"	420
JM-18.5APM	18.5	0.4	4.7	1500	1500*1000*1350	G1 1/2"	620
		0.5	4.2	1500			
JM-22APM	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

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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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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-37APMII	37	1.6	3.6	1400*1100*1450	G1 1/2"	700
JM-45APMII	45	1.6	5.3	2100*1440*1650	G2 1/2"	1600
JM-55APMII	55	1.6	6.5	2100*1440*1650	G2 1/2"	1650
JM-75APMII	75	1.6	9.0	2100*1440*1650	G2 1/2"	1660
JM-90APMII	90	1.6	11.2	2100*1440*1650	G2 1/2"	1700
JM-110APMII	110	1.6	15.0	2600*1900*1890	G2 1/2"	2700
JM-132APMII	132	1.6	18.5	3250*2100*2200	DN50	2900
JM-160APMII	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)**

CLASS 0 ISO 8573-1

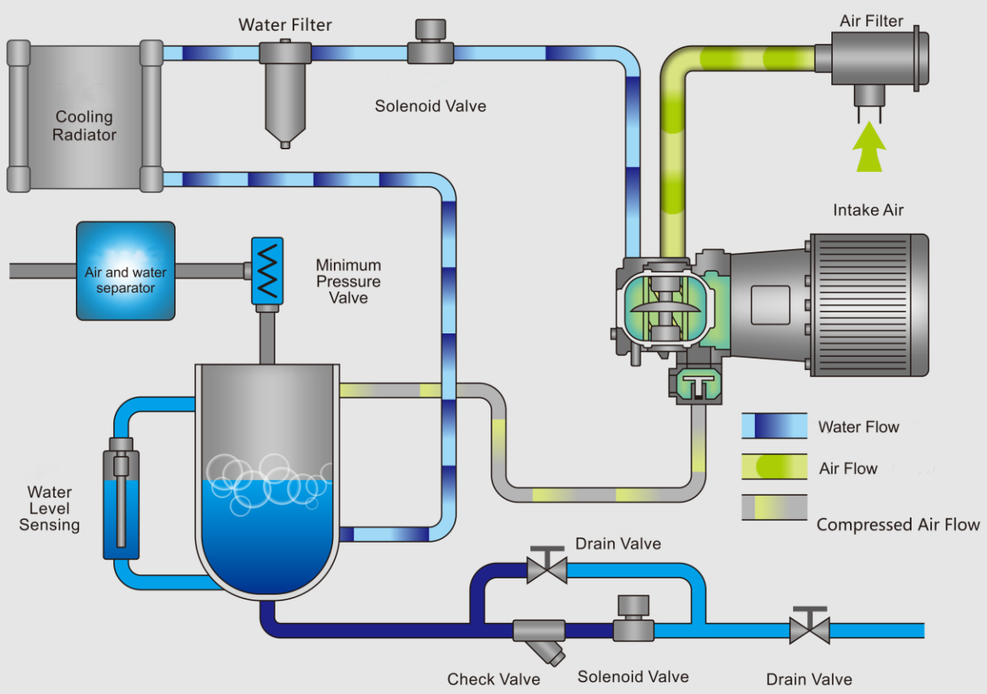
ISO 8573-1 Class 0 Oil content grade standard

CLASS	Concentration total oil (aerosol, liquid, vapor) mg/m³
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



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Excellent performance origins from the world's top configuration



Intelligent energy-saving control system developed independentl



Denmark danfoss solenoid valve



Top SIEMENS schneider control components



High performance electrical componnts





High precision filter



High quality inverter



High efficient exchanger



High efficient/performance motor

SKF

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 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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 ℃ T/H	L	DB	L*W*H (mm)	Outlet	KG
JMW-5.5A	5.5	0.8	0.72	3/4“	1.5	10	57	800*800*1200	G3/4"	300
		1.0	0.65							
JMW-7.5A	7.5	0.8	1.05	3/4"	2.0	10	57	8000*800*1106	G3/4"	300
		1.0	0.80							
JMW-11A	11	0.8	1.72	1"	2.5	26	60	1200*755*1130	G3/4"	420
		1.0	1.42							
JMW-15A	15	0.8	2.25	1"	3.5	26	60	1200*755*1130	G3/4"	450
		1.0	1.92							
JMW-18.5A	18.5	0.8	3.00	1"	4.0	30	63	1400*900*1285	G1"	600
		1.0	2.20							
JMW-22A	22	0.8	3.65	1"	5.0	30	63	1400*900*1285	G1"	650
		1.0	3.00							
JMW-30A JMW-30W	30	0.8	5.00	1 1/2"	7.0	40	65	1400*950*1390(A) 1500*1080*1300(W)	G1 1/4"	750
		1.0	3.90							
JMW-37A JMW-37W	37	0.8	6.30	1 1/2"	9.0	40	65	1580*1000*1485(A) 1500*1080*1300(W)	G1 1/4"	860
		1.0	5.33							
JMW-45A JMW-45W	45	0.8	7.80	1 1/2"	10.0	90	68	1800*1300*1680(A) 1800*1360*1670(W)	G2"	1020
		1.0	6.30							
JMW-55A JMW-55W	55	0.8	10.10	1 1/2"	12.0	100	68	2050*1300*1690(A) 1800*1360*1670(W)	G2"	1080
		1.0	8.00							



Semiconductor



Biological fermentation



Petrochemical



Laboratory



Cosmetics



Medicine



Food



Beverages

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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 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

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

规格参数表 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO,LTD.

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 ℃ T/H	L	DB	L*W*H (mm)	Outlet	KG
JMW-30A JMW-30W	30	0.40	6.70	1 1/2“	7.0	50	65	1650*1180*1505(A) 1500*1080*1300(W)	2"	1200
JMW-37A JMW-37W	37	0.40	8.60	1 1/2"	9.0	60	65	1650*1180*1505(A) 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 Technical Parameters — 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO,LTD.

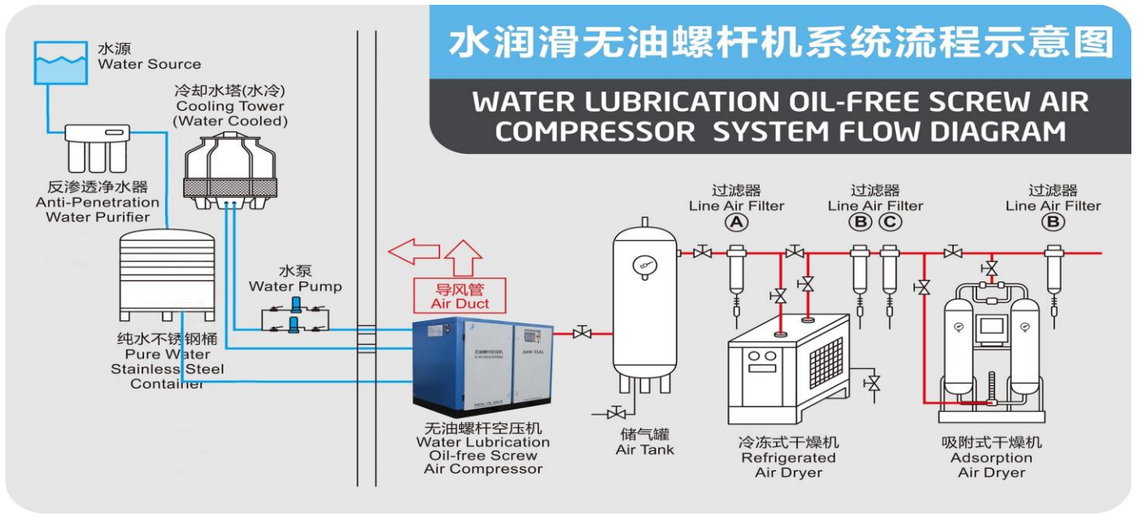
Model	Power	Speed	Pressure	Air Delivery	Cooled water	Quantity of cooled water	Lubricated water	Noise	Dimension	Weight
	KW	RPM	Mpa	m³/min	Outlet/inlet	Inlet water 32 ℃ T/H	L	DB	L*W*H (mm)	KG
JMW-44A	22+22	3000+2200	2.0-3.0	3.20	2“	10.0	50	65	1800*1380*1500	1200
JMW-60A	30+30	3000+2700	2.0-3.0	5.10	2"	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

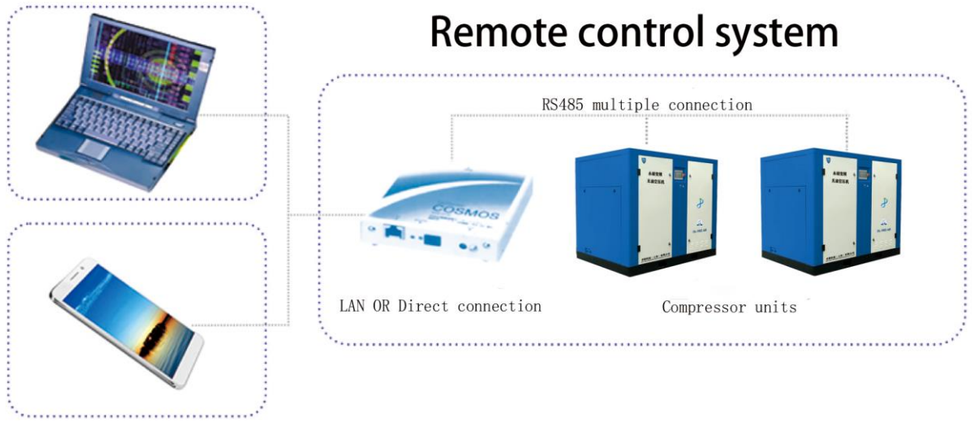
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Oil-free Screw Air Compressor for Special Purpose



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℃);
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.

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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



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规格参数表 Technical Parameters

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

Model	Power	Pressure	Air Delivery	Dimension	Noise	Size	Weight
	KW	Mpa	m³/min	L*W*H (mm)	DB	Outlet	KG
JMW-37A JMW-37W	37	0.7	/	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1900
		0.8	5.6				
		1.0	/				
JMW-45A JMW-45W	45	0.7	7.8	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	1950
		0.8	6.8				
		1.0	6.4				
JMW-55A JMW-55W	55	0.7	9.8	2000*1300*1820(A) 2200*1500*1720(W)	69±2	G1 1/2"	2000
		0.8	9.0				
		1.0	7.8				
JMW-75A JMW-75W	75	0.7	13.0	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2200
		0.8	12.2				
		1.0	11.2				
JMW-90A JMW-90W	90	0.7	16.0	2200*1400*2000(A) 2200*1500*1720(W)	71±2	DN50	2300
		0.8	13.8				
		1.0	13.1				
JMW-110A JMW-110W	110	0.7	20.6	3000*1990*2180(A) 2800*1900*1990(W)	71±2	DN65	3400
		0.8	19.5				
		1.0	18.8				
JMW-132A JMW-132W	132	0.7	24.8	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	2900
		0.8	23.0				
		1.0	19.5				
JMW-160A JMW-160W	160	0.7	28.5	3000*1990*2180(A) 2800*1900*1990(W)	73±2	DN65	3750 3850
		0.8	26.3				
		1.0	23.8				
JMW-185A JMW-185W	185	0.7	32.8	3000*1990*2180(A) 2800*1900*1990(W)	74±2	DN65	3860 3960
		0.8	28.9				
		1.0	27.5				
JMW-200A JMW-200W	200	0.7	36.8	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	5730 5230
		0.8	34.6				
		1.0	30.6				
JMW-220A JMW-220W	220	0.7	41.5	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	6000 5500
		0.8	37.3				
		1.0	33.0				
JMW-250A JMW-250W	250	0.7	46.0	4500*2000*2150(A) 3100*2200*2105(W)	74±2	DN100	6400 6000
		0.8	42.8				
		1.0	38.2				
JMW-280A JMW-280W	280	0.7	48.6	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	6500 6100
		0.8	47.5				
		1.0	45.0				
JMW-315A JMW-315W	315	0.7	52.5	4500*2000*2150(A) 3100*2200*2105(W)	78±2	DN100	6600 6200
		0.8	50.6				
		1.0	48.5				
JMW-355A JMW-355W	355	0.7	65.0	/ 5000*2400*2400(W)	78±2	DN150	/ 6250
		0.8	59.0				
		1.0	52.2				
JMW-400A JMW-400W	400	0.7	75.5	/ 5000*2400*2400(W)	78±2	DN150	/ 6300
		0.8	67.0				
		1.0	59.0				
JMW-450A JMW-450W	450	0.7	78.5	/ 5000*2400*2400(W)	80±2	DN150	/ 6800
		0.8	77.3				
		1.0	66.5				
JMW-500A JMW-500W	500	0.7	86.2	/ 5000*2400*2400(W)	80±2	DN150	/ 7200
		0.8	85.3				
		1.0	78.0				
JMW-560A JMW-560W	560	0.7	/	/ 5000*2400*2400(W)	80±2	DN150	/ 7200
		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
- YE5 high-efficiency motor
- Air consumption free oil mist separation
- Low pressure loss, large air filter design
- Design of Silent Centrifugal Fan







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规格参数表 Technical Parameters

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

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

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

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



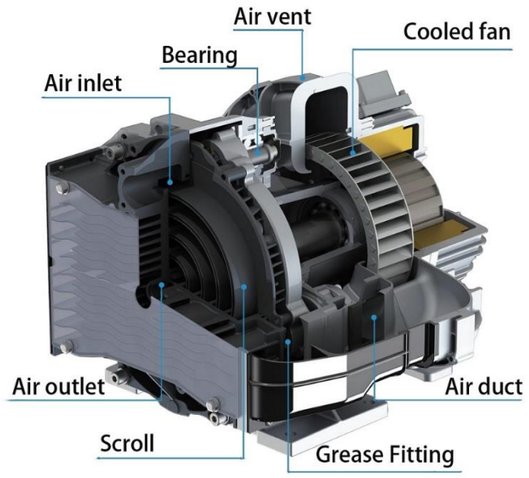
Product Feature

- 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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Power	Pressure	Air Delivery	Dew point	Tank volume	Dimension	Noise	Size	Weight
	KW	Mpa	m³/min	℃	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 Technical Parameters　卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

Model	Power KW	Pressure (Bar/Kpa)	Air Delivery m³/min	Dimension (mm)	Size Outlet	Weight KG
JMB-5.5APM	5.5	0.4/40	4.0	1400*1100*1360	DN150	700
		0.6/60	3.2			
JMB-7.5APM	7.5	0.4/40	6.4	1400*1100*1360	DN150	750
		0.6/60	4.6			
		0.8/80	3.5			
JMB-11APM	11	0.4/40	9.0	1400*1100*1360	DN150	800
		0.6/60	7.5			
		0.8/80	6.0			
		1.0/100	4.8			
		1.2/120	4.0			
		1.5/150	2.8			
JMB-15APM	15	0.4/40	13.6	2200*1250*1900	DN150	1200
		0.6/60	10.5	1400*1100*1360	DN150	800
		0.8/80	8.3			
		1.0/100	6.7			
		1.2/120	5.8			
		1.5/150	4.5			
JMB-18.5APM	18.5	0.4/40	16.2	2200*1250*1900	DN150	1250
		0.6/60	13.1			
		0.8/80	10.3	1400*1100*1360	DN150	800
		1.0/100	9.2			
		1.2/120	7.5			
		1.5/150	6.0			
JMB-22APM	22	0.4/40	22.0	2200*1250*1900	DN150	1250
		0.5/50	19.0			
		0.6/60	16.0			
		0.7/70	14.5			
		0.8/80	13.0			
		1.0/100	9.5	1400*1100*1360	DN150	850
		1.2/120	8.8			
		1.3/130	8.3			
		1.5/150	7.0			
JMB-30APM	30	0.4/40	29.0	2700*1400*1900	DN200	1750
		0.6/60	26.0	2200*1250*1900	DN150	1250
		0.7/70	23.5			
		0.8/80	21.5			
		1.0/100	15.8			
		1.2/120	12.5			
		1.7/170	7.5	1400*1100*1360	DN150	800
JMB-37APM	37	0.4/40	38.0	2700*1400*1900	DN200	1750
		0.5/50	35.0			
		0.6/60	32.0			
		0.8/80	26.0	2200*1250*1900	DN150	1350
		1.0/100	21.5			
		1.2/120	15.5			
		1.5/150	12.5			
JMB-45APM	45	0.4/40	44.0	2700*1400*1900	DN200	1750
		0.5/50	42.0			
		0.6/60	38.0			
		0.8/80	33.5			
		1.0/100	26.0	2200*1250*1900	DN150	1400
		1.2/120	21.0			
		1.5/150	15.5			
		2.0/200	10.5			

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JMB-55APM	55	0.4/40	58.0	3100*1500*2150	DN250	2200
		0.6/60	48.0	2700*1400*1900	DN200	1800
		0.7/70	44.0			
		0.8/80	41.5			
		1.0/100	35.0			
		1.2/120	31.0			
		1.5/150	25.0	2200*1250*1900	DN150	1350
		1.8/180	23.0			
		2.0/200	21.0			
JMB-75APM	75	0.4/40	78.0	3100*1500*2150	DN250	2200
		0.6/60	68.0			
		0.7/70	61.0			
		0.8/80	55.0	2700*1400*1900	DN200	1800
		0.9/90	51.0			
		1.0/100	47.0			
		1.2/120	42.5			
		1.5/150	34.0			
		1.8/180	27.0			
		2.0/200	24.5	2200*1250*1900	DN150	1350
JMB-90APM	90	0.4/40	98.0	3300*1750*2350	DN300	2550
		0.6/60	78.0	3100*1500*2150	DN250	2200
		0.8/80	68.0			
		1.0/100	61.0			
		1.2/120	49.0	2700*1400*1900	DN200	1850
		1.5/150	42.0			
		1.8/180	34.0			
		2.0/200	30.5			
JMB-110APM	110	0.4/40	113.0	3300*1750*2350	DN300	2600
		0.5/50	102.0			
		0.6/60	98.0			
		0.7/70	87.0			
		1.0/100	67.5	3100*1500*2150	DN250	2250
		1.2/120	60.0			
		1.5/150	51.0			
		1.8/180	41.5			
		2.0/200	37.5			
JMB-132APM	132	0.6/60	112.0	3300*1750*2350	DN300	2600
		0.8/80	97.0			
		1.0/100	81.0			
		1.1/110	73.0			
		1.2/120	71.0	3100*1500*2150	DN250	2300
		1.5/150	58.0			
		1.8/180	50.0			
		2.0/200	42.0			
JMB-160APM	160	0.4/40	180.0	3600*2100*2350	DN300	3500
		0.6/60	130.0			
		0.8/80	111.0	3300*1750*2350	DN300	2750
		1.0/100	101.0			
		1.1/110	89.0			
		1.2/120	80.0			
		1.5/150	70.0			
		1.8/180	63.0	3100*1500*2150	DN250	2300
		2.0/200	55.0			
JMB-185APM	185	0.4/40	203.0	3600*2100*2350	DN300	3500
		0.6/60	154.0			
		0.8/80	129.0			
		1.0/100	110.0	3300*1750*2350	DN300	2800
		1.2/120	96.0			
		1.5/150	83.0			
		2.0/200	60.0	3100*1500*2150	DN250	2300
JMB-200APM	200	0.5/50	195.0	3600*2100*2350	DN300	3600
		0.6/60	177.0			
		0.8/80	144.0			
		1.2/120	110.0	3300*1750*2350	DN300	2800
		1.5/150	90.0			
		1.8/180	77.0			
		2.0/200	66.0			
JMB-220APM	220	0.8/80	159.0	3600*2100*2350	DN300	3600
		1.5/150	100.0	3300*1750*2350	DN300	2800
		1.8/180	86.0			
		2.0/200	76.0			
JMB-250APM	250	0.6/60	220.0	3600*2100*2400	DN300	3800
		0.8/80	182.0			
		1.0/100	150.0			
		1.2/120	125.0			
		1.5/150	108.0	3300*1750*2350	DN300	2700
		1.8/180	96.0			
		2.0/200	85.0			
JMB-280APM	280	0.8/80	206.0	3600*2100*2400	DN300	3900
		1.0/100	178.0			
		1.1/110	162.0			
		1.2/120	148.0			
		2.0/200	95.0	3300*1750*2350	DN300	2700
JMB-315APM	315	1.0/100	195.0	3600*2100*2400	DN300	4000
		1.2/120	170.0			
		1.5/150	130.0			
JMB-355APM	355	1.2/120	192.0	3600*2100*2400	DN300	4100
		1.5/150	160.0			
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.



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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.

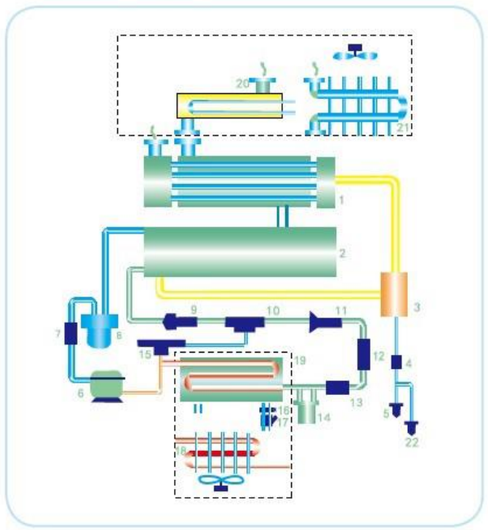
规 格 参 数 表
Technical Parameters
卓颖机械（上海）有限公司
JOY MACHIERY (SHANGHAI) CO.,LTD.

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) ≦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) ≦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.

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

MODEL	Air Capacity m³/min	Voltage/Hz	Compressor Power	Fan Power (W)	Connection Inlet/outlet	Dimension L*W*H, mm	Weight (KG)
JMAD-1NTA JMAD-1HTA	1.5 1.6	220V/1Ph/50Hz	0.5 0.7	80 95	ZG1"	665*425*560(NT) 750*420*730(HT)	37 45
JMAD-2NTA JMAD-2HTA	2.5	220V/1Ph/50Hz	0.7 0.9	95 120	ZG1" ZG1 1/2"	750*420*730(NT) 800*440*800(HT)	45 60
JMAD-3NTA JMAD-3HTA	3.5 3.8	220V/1Ph/50Hz	0.9 1.0	120 240	ZG1 1/2"	800*440*800(NT) 923*500*910(HT)	60 80
JMAD-5NTA JMAD-5HTA	5.5	220V/1Ph/50Hz	1.0 1.2	240	ZG1 1/2"	923*500*910	76 80
JMAD-6NTA JMAD-6HTA	6.5 6.8	220V/1Ph/50Hz	1.0 1.6	240 300	ZG1 1/2" ZG2"	923*500*910(NT) 995*585*1080(HT)	80 90
JMAD-8NTA JMAD-8HTA	8.5	220V/1Ph/50Hz	1.6 1.8	300	ZG2"	995*585*1080	90 95
JMAD-10NTA JMAD-10HTA	11.5	220V/1Ph/50Hz	2.0	380	ZG2 1/2"	1125*625*1045	120 150
JMAD-13NTA JMAD-13HTA	13.5	380V/3Ph/50Hz	3.0	400 420	ZG2 1/2"	1125*625*1045	150
JMAD-15NTA JMAD-15HTA	16.5	380V/3Ph/50Hz	3.1	480	ZG2 1/2" DN65	1120*700*1230	190
JMAD-20NTA JMAD-20HTA	22	380V/3Ph/50Hz	3.68 4.5	480 600	DN80	1500*750*1335(NT) 1300*750*1230(HT)	220 260
JMAD-25NTA JMAD-25HTA	27	380V/3Ph/50Hz	4.41 4.5	480 600	DN80	1700*750*1395(NT) 1300*750*1230(HT)	270 280
JMAD-30NTA JMAD-30HTA	35 34	380V/3Ph/50Hz	5.15 6.9	720 750	DN100	1770*850*1445(NT) 1600*820*1520(HT)	360 390
JMAD-40NTA JMAD-40HTA	45	380V/3Ph/50Hz	6.62 9.2	720 1080	DN100	1950*900*1560(NT) 1800*820*1560(HT)	490 420
JMAD-50NTA JMAD-50HTA	55	380V/3Ph/50Hz	8.82 11	720 2020	DN125 DN100	1950*1050*1600(NT) 1900*900*1570(HT)	560
JMAD-60NTA JMAD-60HTA	65	380V/3Ph/50Hz	11.03 14	760 2020	DN125	2200*1325*1585(NT) 1900*900*1570(HT)	680 560
JMAD-80NTA JMAD-80HTA	87 85	380V/3Ph/50Hz	14.7 18	960 1560	DN150	2500*1325*1695(NT) 2500*1000*1900(HT)	760 680
JMAD-100NTA JMAD-100HTA	110	380V/3Ph/50Hz	18.4 20	1440 3330	DN150	2700*1690*2100(NT) 2800*1000*2100(HT)	970 850

NTA represents air dryer is **N**ormal **T**emperature type cooled by **A**ir.
HTA represents air dryer is **H**igh **T**emperature type cooled by **A**ir.

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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

NTW represents air dryer is **N**ormal **T**emperature type cooled by **W**ater
HTW represents air dryer is **H**igh **T**emperature type cooled by **W**ater

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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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

Heatless regenerative adsorption Air Dryer

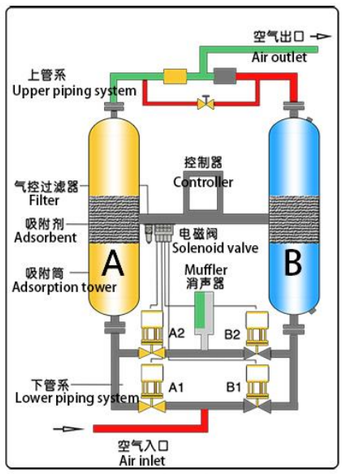


Working Condition and Technical Parameters

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

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

Name / Model	Air Capcity m³/min	Connection Caliber	Dimension L*W*H (mm)	Weight (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



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

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Heated regenerative adsorption Air Dryer

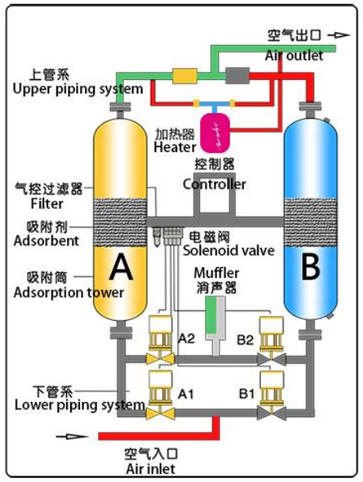


Working Condition and Technical Parameters

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

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

Name / Model	Air Capcity m³/min	Heater Power (KW)	Connection Caliber	Dimension L*W*H (mm)	Weight (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



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 muffler 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

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 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHIERY (SHANGHAI) CO.,LTD.

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

规格参数表 Technical Parameters 卓颖机械（上海）有限公司 JOY MACHERY (SHANGHAI) CO.,LTD

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



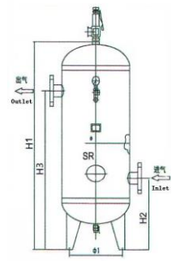
Air Receiver (0.8-1.6 Mpa)

TECHNICAL PARAMETERS JOY MACHIERY (SHANGHAI) CO.,LTD.

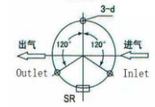
No.	Model	Design Temp	Total Height	Inner Diameter	Air Inlet			Air Outlet			Support		Safety Valve	Drain Outlet	Weight
	m3/Mpa	℃	H1	Φ	H2	DN	Thread	H3	DN	Thread	D	d	Size	Size	KG
1	0.3/0.8	110	1594	550	642	50	Rp1¼	1242	50	Rp1¼	400	20	Rp1/2	R1/2	121
2	0.3/1.0		1594		642			1242							139
3	0.3/1.3		1598		644			1244							167
4	0.3/1.6		1598		644			1244							195
5	0.6/0.8	110	1905	700	680	65	Rp1¼	1550	65	Rp1¼	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	Rp1¼	1920	65	Rp1¼	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	Rp1¼	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	Rp1¼	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	Rp1¼	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	Rp1¼	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

支座位置图

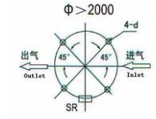
注：当Φ≤1000时为手孔；
当Φ>1000时为人孔。
Note:Handhole when Φ≤1000
Manhole when Φ>1000



Φ≤2000



Φ＞2000





Application cases

















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Common configuration of air compressor system

