

Oil free scroll Compressor



The enterprise passes the ISO9001:2000 international quality system certification

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Hongkong Fengguang Industry Ltd
Dongguan City Qianwei Mechanical Equipment Technology Ltd
Airstone Screw Air Compressor Manufacturer



INTRODUCTION

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Airstone Group is considered one of the leading manufacturer of air compressor products in Guangdong, China. Airstone has over 500 employees. Our goal is to provide exceptional customer service coupled with quality products and energy saving solutions.

Airstone's primary businesses focus in following key areas: Oil-injected rotary screw compressors (Belt driven and Direct driven. Fixed speed and Variable speed. High, middle and Low pressure.) Portable air compressors (Diesel-powered and Electric motor powered) Oil free air compressors (Dry type, Scroll type, Piston type and Water-lubricated type) Centrifugal compressors

At Airstone, we earn our customers' trust and satisfaction by manufacturing the superior quality compressed air products for all industries. All of our products are designed for reliable performance, easy maintenance, and maximum energy efficiency. Airstone has been exporting to more than 150 countries across the globe. We have the largest international sales and service team in China compressor industry.

Airstone continuously innovates product development and management to meet customers' demand. The powerful enterprise culture and continuous innovation make Airstone improved rapidly to reach the business principle "Energy Saving First, Mutual Value Shared".

Airstone's vision is to be a world-renowned high-end energy-saving machinery brand, with sustainable development, constantly improving its own value and sharing it with our customers and staff, committed to continuously satisfy the needs of global companies by providing a full range of industrial air compression solutions.



The enterprise passes the ISO9001:2000 international quality system certification

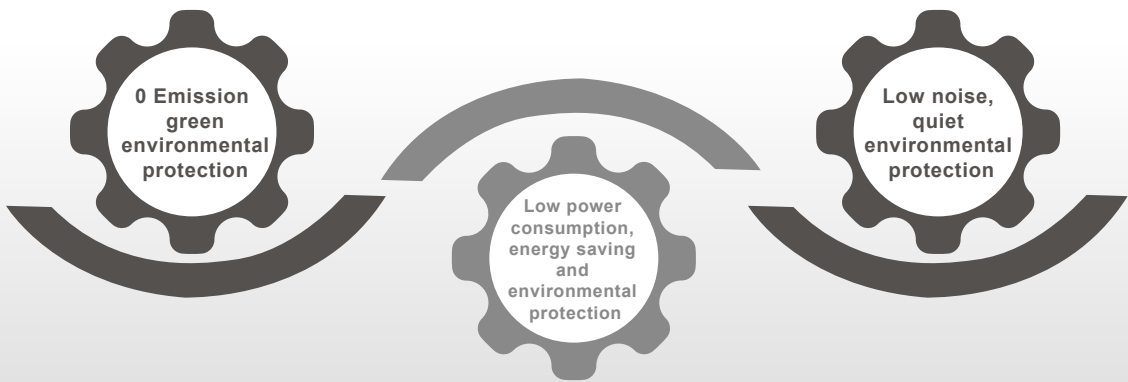


HYM/HYM-H SERIES

OIL FREE SCROLL TYPE
AIR COMPRESSOR

(HYM/HYM-H)8bar/10bar

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Technical data 8bar

Model Number	HYW-4	HYW-8	HYW-11	HYW-15	HYW-22	HYW-30
Rated Power(kw)	3.7	7.5	11	15	22	30
Airend number	1	2	3	4	6	8
Max capacity(M3/H)	24	48	72	96	144	192
Work Pressure(Bar)	8.0	8.0	8.0	8.0	8.0	8.0
Rated Voltage(V/HZ)	380/50					
Motor Speed	2870					
Outlet Connector Caliber	DN15		DN32		DN40	
Working Ambient Temperature	-20 to 40°C (Remarks:Ambient temperature < 0°C requires auxiliry heat preservation)					
Dimension (mm)	900*700*1150		900*1150*2000		1430*1340*2020	
Weight (kg)	210	230	380	430	820	920

Technical data 10bar

Model Number	HYW-4H	HYW-8H	HYW-11H	HYW-15H	HYW-22H	HYW-30H
Rated Power(kw)	3.7	7.5	11	15	22	30
Airend number	1	2	3	4	6	8
Max capacity(M3/H)	21.3	42.6	63	84	126	168
Work Pressure(Bar)	10.0	10.0	10.0	10.0	10.0	10.0
Rated Voltage(V/HZ)	380/50					
Motor Speed	2870					
Outlet Connector Caliber	DN15		DN32		DN40	
Working Ambient Temperature	-20 to 40℃ (Remarks:Ambient temperature < 0℃ requires auxiliry heat preservation)					
Dimension (mm)	900*700*1150		900*1150*2000		1430*1340*2020	
Weight (kg)	210	230	380	430	820	920



*100% absolutely no oil to ensure that there is no risk of lubricating oil leakage.



*Lower Noise at 62 dB(A).



*Long working life time of 10,000 hours or 2 years free warranty.



*Running stable at 6-8bar pressure, 60-100% amplitude flow abjustment range,suitable for medical treatment.

OF-A/OF-VFD SERIES

WATER INJECTED OIL FREE SCREW AIR COMPRESSOR

(OF-A/OF-VFD)8bar/10bar

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*Water injected Screw compressor rotor
Material: All stainless steel
(both screw rotor and main machine shell are stainless steel)



*All piping systems, water vapor separation drums, water filtration systems, water cooler systems and so on. All SU304 stainless steel is adopted to ensure that the system is clean, pollution-free and free from corrosion and rust



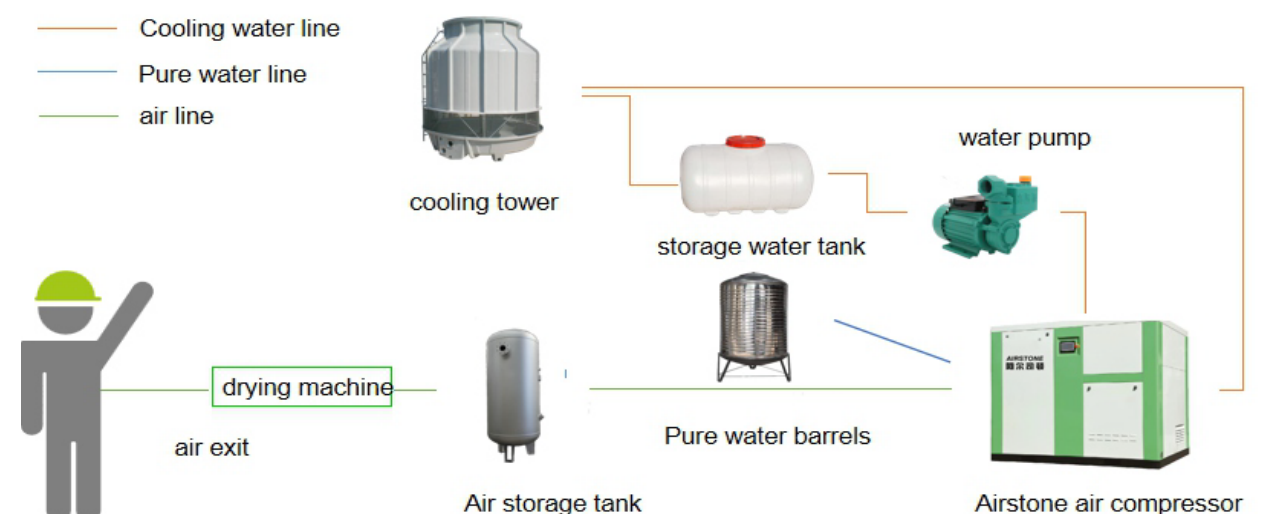
*Simplified operation
Reduced structure
Ease to do maintenance

Features for water injected oil free screw compressor



Compressor system configuration flow chart

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■ Technical data for water injected type compressor 8-10bar Fix speed type

Model No.	Maximum work pressure	ADD m³/min	Motor power KW	Noise dB	Inlet and outlet for coolant water	Quantity oA cooling water	Lubricating water L	Dimension	Weight KG	Air Outlet
						Water entering 32°C		L x W x H mm		
OF-06A	0.8	0.78	5.5	57	3/4"	1.5	10	800x800x1100	430	3/4"
	1.0	0.65								
OF-08A	0.8	0.78	7.5	57	3/4"	2	10	800x800x1100	470	3/4"
	1.0	0.65								
	1.25	0.81								
OF-11A	0.8	1.72	11	60	1"	2.5	26	1200x760x1300	580	3/4"
	1.0	1.42								
	1.25	1.10								
OF-15A	0.8	2.43	15	60	1"	3.5	26	1200x760x1300	620	3/4"
	1.0	2.17								
	1.25	1.80								
OF-18A	0.8	3.13	18.5	63	1"	4	30	1400x900x1450	680	1"
	1.0	2.82								
	1.25	2.5								
OF-22A	0.8	3.62	22	63	1"	5	30	1400x900x1450	730	1"
	1.0	3.21								
	1.25	2.78								
OF-30A	0.8	5.12	30	66	1 1/2"	7	40	1550x1150x1500(A) 1500x1150x1300(W)	1100	1 1/4"
	1.0	4.43								
	1.25	3.63								
OF-37A	0.8	6.30	37	66	1 1/2"	9	40	1550x1150x1500(A) 1500x1150x1300(W)	1150	1 1/4"
	1.0	5.33								
	1.25	4.77								
OF-45A	0.8	7.80	45	68	1 1/2"	10	90	1800x1300x1750(A) 1500x1300x1680(W)	1390	2"
	1.0	6.30								
	1.25	5.56								
OF-55A	0.8	9.76	55	69	1 1/2"	12	100	1980x1300x1750(A) 1800x1300x1680(W)	1470	2"
	1.0	8.55								
	1.25	7.67								
OF-75A	0.8	13.00	75	72	1 1/2"	18	100	1800x1300x1750(w)	1630	2"
	1.0	11.50								
	1.25	9.70								
OF-90A	0.8	15.20	90	73	1 1/2"	20	120	2200x1550x1800	2350	2 1/2"
	1.0	13.36								
	1.25	12.10								
OF-110A	0.8	19.97	110	77	2"	24	120	2200x1550x1800	2460	2 1/2"
	1.0	16.66								
	1.25	15.56								
OF-132A	0.8	23.80	132	77	2"	30	120	2200x1550x1800	2500	2 1/2"
	1.0	20.80								
	1.25	17.20								
OF-160A	0.8	28.11	160	79	3"	35	160	3000x1800x2100	3700	3"
	1.0	25.45								
	1.25	22.52								
OF-185A	0.8	33.97	185	79	3"	38	160	3000x1800x2100	3750	3"
	1.0	29.00								
	1.25	25.21								
OF-200A	0.8	36.75	200	80	4"	42	200	3100x1850x2100	3900	4"
	1.0	32.78								
	1.25	29.24								
OF-220A	0.8	39.67	220	80	4"	47	200	3100x1850x2100	4200	4"
	1.0	36.75								
	1.25	29.63								
OF-250A	0.8	40.15	250	80	4"	53	200	3100x1850x2100	4600	4"
	1.0	36.30								
	1.25	31.50								

■ Variable speed for water injected compressor 8-10bar

Model No.	Maximum work pressure	Capacity m³/min	Motor power KW	Noise dB	Inlet and outlet for coolant water	Quantity oA cooling water	Lubricating water L	Dimension	Weight KG	Air Outlet
						Water entering 32°C		L x W x H mm		
OF-06VFD	0.8	0.3~0.78	5.5	57	3/4"	1.5	10	800x800x1100	460	3/4"
	1.0	0.25~0.65								
OF-08VFD	0.8	0.35~1.17	7.5	57	3/4"	2	10	800x800x1100	510	3/4"
	1.0	0.3~1.05								
	1.25	0.24~0.85								
OF-11VFD	0.8	0.54~1.72	11	60	1"	2.5	26	1200x760x1300	620	3/4"
	1.0	0.45~1.42								
	1.25	0.35~1.10								
OF-15VFD	0.8	0.75~2.43	15	60	1"	3.5	26	1200x760x1300	670	3/4"
	1.0	0.65~2.17								
	1.25	0.60~1.80								
OF-18VFD	0.8	0.90~3.13	18.5	63	1"	4	30	1400x900x1450	730	1"
	1.0	0.90~2.82								
	1.25	0.60~2.05								
OF-22VFD	0.8	1.10~3.62	22	63	1"	5	30	1400x900x1450	780	1"
	1.0	0.97~3.21								
	1.25	0.85~2.78								
OF-30VFD	0.8	1.55~5.12	30	66	1 1/2"	7	40	1550x1150x1500(A) 1500x1150x1300(W)	1150	1 1/4"
	1.0	1.255~4.43								
	1.25	1.1~3.63								
OF-37VFD	0.8	1.91~6.30	37	66	1 1/2"	9	40	1550x1150x1500(A) 1500x1150x1300(W)	1200	1 1/4"
	1.0	1.60~5.33								
	1.25	1.42~4.77								
OF-45VFD	0.8	2.50~7.80	45	68	1 1/2"	10	90	1800x1300x1750(A) 1500x1300x1680(W)	1490	2"
	1.0	1.91~6.30								
	1.25	1.70~5.56								
OF-55VFD	0.8	3.00~9.76	55	69	1 1/2"	12	100	1980x1300x1750(A) 1800x1300x1680(W)	1570	2"
	1.0	2.60~8.55								
	1.25	2.30~7.67								
OF-75VFD	0.8	3.95~13.00	75	72	1 1/2"	18	100	1800x1300x1750(w)	1750	2"
	1.0	3.40~11.50								
	1.25	3.00~9.70								
OF-90VFD	0.8	5.00~15.20	90	73	1 1/2"	20	120	2200x1550x1800	2450	2 1/2"
	1.0	4.30~13.36								
	1.25	3.72~12.10								
OF-110VFD	0.8	6.00~19.97	110	77	2"	24	120	2200x1550x1800	2580	2 1/2"
	1.0	5.00~16.66								
	1.25	4.65~15.56								
OF-132VFD	0.8	6.75~23.80	132	77	2"	30	120	2200x1550x1800	2700	2 1/2"
	1.0	6.00~20.80								
	1.25	5.07~17.20								
OF-160VFD	0.8	8.50~28.11	160	79	3"	35	160	3000x1800x2100	3900	3"
	1.0	7.60~25.45								
	1.25	6.70~22.52								
OF-185VFD	0.8	10.00~33.97	185	79	3"	38	160	3000x1800x2100	4050	3"
	1.0	8.72~29.00								
	1.25	7.75~25.51								
OF-200VFD	0.8	11.20~36.75	200	80	4"	42	200	3100x1850x2100	4200	4"
	1.0	9.68~32.78								
	1.25	9.20~29.24								
OF-220VFD	0.8	12.20~39.67	220	80	4"	47	200	3100x1850x2100	4400	4"
	1.0	11.20~36.75								
	1.25	9.00~29.63								
OF-250VFD	0.8	13.50~40.15	250	80	4"	53	200	3100x1850x2100	4800	4"
	1.0	12.30~36.30								
	1.25	10.20~31.50								

■ AS-F/30BAR SERIES

30BAR OILLESS SCREW
AIR COMPRESSOR

(AS-F)30bar

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■ Technical data 30bar

Model	Power(KW)	Pressure(bar)	Capacity (m³/min)	Dimension(mm)	Weight(kg)	Outlet(mm)	Noise(dB)
AS45F30	45	30	3.5	1650*900*1630	1260	DN25	65
AS55F30	55	30	5	1700*1150*1850	1420	DN25	67
AS75F30	75	30	6.5	1700*1150*1850	1490	DN32	69
AS90F30	90	30	8.5	1900*1350*2100	1800	DN40	72
AS110F30	110	30	10	1900*1350*2100	1900	DN40	73
AS132F30	132	30	13	2000*1500*2200	2300	DN40	75
AS160F30	160	30	16	2000*1500*2200	2600	DN50	78
AS185F30	185	30	18	2200*1700*2300	2850	DN50	78
AS220F30	220	30	22	2500*1700*2300	3430	DN50	81
AS250F30	250	30	25	2500*1700*2300	3560	DN65	82

■ AS-F/40BAR SERIES

40BAR OILLESS SCREW
AIR COMPRESSOR

(AS-F)40bar

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■ Technical data 40bar

Model	Power(KW)	Pressure(bar)	Capacity (m³/min)	Dimension(mm)	Weight(kg)	Outlet(mm)	Noise(dB)
AS45F40	45	40	3.5	1650*900*1630	1260	DN25	65
AS55F40	55	40	5	1700*1150*1850	1420	DN25	67
AS75F40	75	40	6.5	1700*1150*1850	1490	DN32	69
AS90F40	90	40	8.5	1900*1350*2100	1800	DN40	72
AS110F40	110	40	10	1900*1350*2100	1900	DN40	73
AS132F40	132	40	13	2000*1500*2200	2300	DN40	75
AS160F40	160	40	16	2000*1500*2200	2600	DN50	78
AS185F40	185	40	18	2200*1700*2300	2850	DN50	78
AS220F40	220	40	22	2500*1700*2300	3430	DN50	81
AS250F40	250	40	25	2500*1700*2300	3560	DN65	82