

Company profile

Airstone compressor located in B district of Lianhua industrial park, Pingxiang city, Jiangxi province. covers an area of more than 30,000 square meters. The company has more than 300 fixed employees, 50 skilled workers, and 40 sets of large-scale production equipment. The main products are oil injected screw air compressor, pressure range is 0.4mpa-1.6mpa and the power is 4kw-315kw. It can be customized to meet the requirements of different climate buyers in different countries. with the advantage of high cost performance, energy saving and environmental protection, our customers have reached more than 1,000 in the world.

At the end of 2018, the company joined forces with famous school designers to develop oil free series compressor, like oil free scroll air compressor, oil free water injected screw air compressor and dry oil free screw air compressor for medical equipment, medicine and food industry.

The company has always been committed to revitalizing the national industry and building internationally renowned brands to provide users with best service. The most perfect compressed air supply is the mission. With the aim of flow management, first-class technology, first-class products and first-class service, the brand of AIRSTONE will be carried forward.



Oil Free compressor series



Oil free Scroll type air compressor

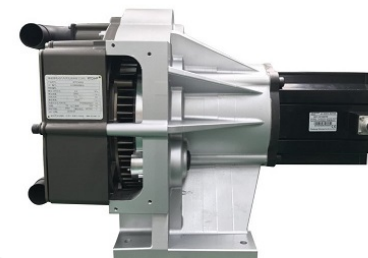


Water Injected oil free screw air compressor



Dry oil free screw air compressor

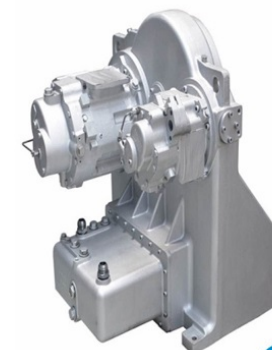
Scroll type air compressor air end



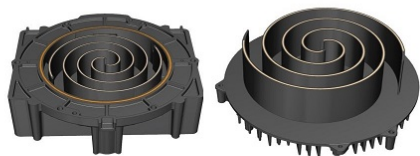
Water injected oil free compressor air end



Dryer oil free screw compressor air end



Oil free scroll type air compressor



High efficiency Scroll rotor
Air-cooled scroll rotor, durable, reliable
in operation, and outstanding in
energy efficiency,
working life time:2year

IE 3 IP55 Motor
Air-cooled IP55 H-class motor
RPM:2870r/min
Motor Service factor:1.15



Technical data For Scroll air compressor

Technical data @8bar

Model Number	HYW4	HYW8	HYW11	HYW15	HYW22	HYW30
Rated Power	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 auxiliary heat preservation)					
Dimension(mm)	900*700*1150		900*1150*2000		1430*1340*2020	
Weight (kg)	210	230	380	430	820	920

Technical data @10bar

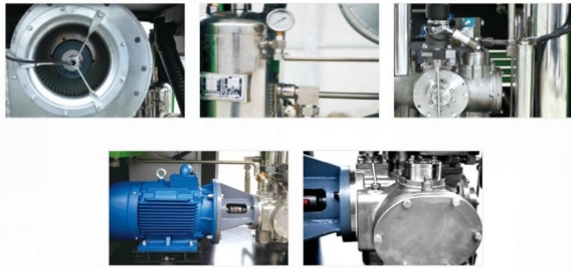
Model Number	HYW4H	HYW8H	HYW11H	HYW15H	HYW22H	HYW30H
Rated Power	3.7	7.5	11	15	22	30
Airend Number	1	2	3	4	6	8
Max capacity(M3/H)	21.3	42.6	63	84	126	168
Work Pressure(Bar)	10.0	10.0	10.0	10.0	10.0	10.0
Rated Voltage(V/HZ)	380/50					
Motor Speed	2870					
Outlet Connector Caliber	DN15		DN32		DN40	
Working Ambient Temperature	-20 to 40 ℃ (Remarks: Ambient temperature <0℃ requires auxiliary heat preservation)					
Dimension(mm)	900*700*1150		900*1150*2000		1430*1340*2020	
Weight (ka)	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 adjustment range, suitable for medical treatment

Water injected oil free screw air compressor



Simplified operation
Reduced structure
Ease to do maintenance

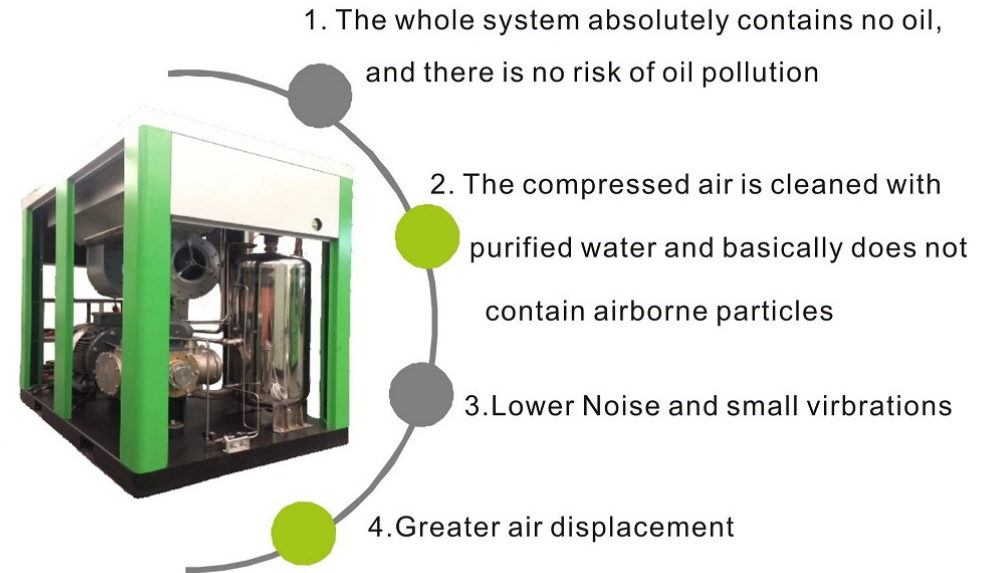


Water injected Screw compressor rotor
Material: All stainless steel
(both screw rotor and main machine shell are stainless steel)

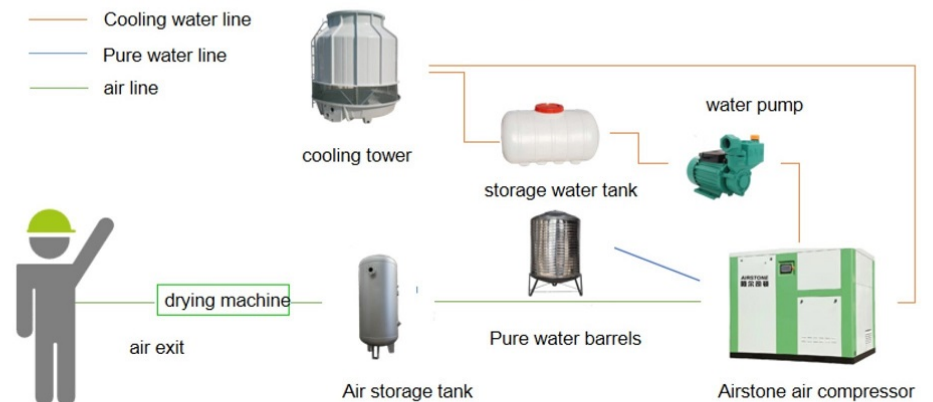


All piping systems,
water vapor separation drums,
water filtration systems,
water cooler systems and so on
All SU304 stainless steel is adopted to
ensure that the system is clean,
pollution-free and free from corrosion and rust.

Features for water injected oil free screw compressor



Compressor system configuration flow chart



Technical data for water injected type compressor Fix speed type

Mode No.	maximum work pressure	AAD m³/min	Motor Power KW	Noise dB	inlet and outlet for coolant water	Quantity of cooling water	Lubricating water L	Dimension	Weight KG	Air Outlet
						Water entering 32℃		LxWxH 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	1.17	7.5	57	3/4"	2	10	800x800x1100	470	3/4"
	1.0	1.05								
	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) 1800x1300x1680(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

Mode No.	maximum work pressure	Capacity m3/min	Motor Power KW	Noise dB	inlet and outlet for coolant water	Quantity ofA cooling water Water entering32℃	Lubricating water (Lires)	Dimension	Weight KG	Air Outlet
								LxWxH 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								
	0.8	0.35~1.17								
OF-08VFD	1.0	0.3~1.05	7.5	57	3/4"	2	10	800x800x1100	510	3/4"
	1.25	0.24~0.81								
	0.8	0.54~1.72								
OF-11VFD	1.0	0.45~1.42	11	60	1"	2.5	26	1200x760x1300	620	3/4"
	1.25	0.35~1.10								
	0.8	0.75~2.43								
OF-15VFD	1.0	0.65~2.17	15	60	1"	3.5	26	1200x760x1300	670	3/4"
	1.25	0.60~1.80								
	0.8	0.90~3.13								
OF-18VFD	1.0	0.90~2.82	18.5	63	1"	4	30	1400x900x1450	730	1"
	1.25	0.60~2.05								
	0.8	1.10~3.62								
OF-22VFD	1.0	0.97~3.21	22	63	1"	5	30	1400x900x1450	780	1"
	1.25	0.85~2.78								
	0.8	1.55~5.12								
OF-30VFD	1.0	1.255~4.43	30	66	1 1/2"	7	40	1550x1150x1500(A)	1150	1 1/4"
	1.25	1.1~3.63						1500x1150x1300(W)		
	0.8	1.91~6.30								
OF-37VFD	1.0	1.60~5.33	37	66	1 1/2"	9	40	1550x1150x1500(A)	1200	1 1/4"
	1.25	1.42~4.77						1500x1150x1300(W)		
	0.8	2.50~7.80								
OF-45VFD	1.0	1.91~6.30	45	68	1 1/2"	10	90	1800x1300x1750(A)	1490	2"
	1.25	1.70~5.56						1800x1300x1680(W)		
	0.8	3.00~9.76								
OF-55VFD	1.0	2.60~8.55	55	69	1 1/2"	12	100	1980x1300x1750(A)	1570	2"
	1.25	2.30~7.67						1800x1300x1680(W)		
	0.8	3.95~13.00								
OF-75VFD	1.0	3.40~11.50	75	72	1 1/2"	18	100	1800x1300x1750(W)	1750	2"
	1.25	3.00~9.70								
	0.8	5.00~15.20								
OF-90VFD	1.0	4.30~13.36	90	73	1 1/2"	20	120	2200x1550x1800	2450	2 1/2"
	1.25	3.72~12.10								
	0.8	6.00~19.97								
OF-110VFD	1.0	5.00~16.66	110	77	2"	24	120	2200x1550x1800	2580	2 1/2"
	1.25	4.65~15.56								
	0.8	6.75~23.80								
OF-132VFD	1.0	6.00~20.80	132	77	2"	30	120	2200x1550x1800	2700	2 1/2"
	1.25	5.07~17.20								
	0.8	8.50~28.11								
OF-160VFD	1.0	7.60~25.45	160	79	3"	35	160	3000x1800x2100	3900	3"
	1.25	6.70~22.52								
	0.8	10.00~33.97								
OF-185VFD	1.0	8.72~29.00	185	79	3"	38	160	3000x1800x2100	4050	3"
	1.25	7.75~25.21								
	0.8	11.20~36.75								
OF-200VFD	1.0	9.68~32.78	200	80	4"	42	200	3100x1850x2100	4200	4"
	1.25	9.20~29.24								
	0.8	12.20~39.67								
OF-220VFD	1.0	11.20~36.75	220	80	4"	47	200	3100x1850x2100	4400	4"
	1.25	9.00~29.63								
	0.8	13.50~40.15								
OF-250VFD	1.0	12.30~36.30	250	80	4"	53	200	3100x1850x2100	4800	4"
	1.25	10.20~31.50								

Dry oil free screw air compressor

- High efficiency oil free compressor block
- Reliable function of controller
- Low discharge power intake valve



Single stage oil free block



Double stage oil free block

Technical data For Fix speed OF55-90

Model	Capacity		Motor power		Noise Level	Weight		Size
	m ³ /min	cfm	kw	hp	dB(A)	kg	lbs	mm
50Hz								
OFW 55-7.5	8.8	310	55	75	65	1800	3968	2140*1376*1900
OFW 55-8.6	7.9	280	55	75	65	1800	3968	2140*1376*1900
OFW 55-10	7.3	260	55	75	65	1800	3968	2140*1376*1900
OFW 75-7.5	11.9	425	75	100	65	1890	4167	2140*1376*1900
OFW 75-8.6	11.2	400	75	100	65	1890	4167	2140*1376*1900
OFW 75-10	10.7	382	75	100	65	1890	4167	2140*1376*1900
OFW 90-7.5	14.3	410	90	120	65	1925	4244	2140*1376*1900
OFW 90-8.6	13.5	482	90	120	65	1925	4244	2140*1376*1900
OFW 90-10	12.7	453	90	120	65	1925	4244	2140*1376*1900
OFA 55-7.5	8.7	310	55	75	72	1900	4189	2140*1376*2150
OFA 55-8.6	7.9	282	55	75	72	1900	4189	2140*1376*2150
OFA 55-10	7.3	260	55	75	72	1900	4189	2140*1376*2150
OFA 75-7.5	11.9	425	75	100	72	2000	4409	2140*1376*2150
OFA 75-8.6	11.2	400	75	100	72	2000	4409	2140*1376*2150
OFA 75-10	10.7	382	75	100	72	2000	4409	2140*1376*2150
OFA 90-7.5	14.3	510	90	120	72	2050	4519	2140*1376*2150
OFA 90-8.6	13.5	482	90	120	72	2050	4519	2140*1376*2150
OFA 90-10	12.7	453	90	120	72	2050	4519	2140*1376*2150

Technical data for fix speed OF 110-275

Model	Capacity		Motor power		Noise Level	Weight		Size
	m3/min	cfm	kw	hp	dB(A)	kg	lbs	mm
50Hz								
OFW 110-7.5	19.1	682	110	150	69	2635	5809	2540*1662*2008
OFW 110-8.6	17.8	636	110	150	69	2635	5809	2540*1662*2008
OFW 110-10	16	571	110	150	69	2635	5809	2540*1662*2008
OFW 132-7.5	21.9	782	132	150	69	2760	6085	2540*1662*2008
OFW 132-8.6	19.6	700	132	150	69	2760	6085	2540*1662*2008
OFW 132-10	18.9	675	132	150	69	2760	6085	2540*1662*2008
OFW 145-7.5	23.5	839	145	200	70	2900	6393	2540*1662*2008
OFW 145-8.6	21.7	775	145	200	70	2900	6393	2540*1662*2008
OFW 145-10	20.1	718	145	200	70	2900	6393	2540*1662*2008
OFW 145-13	18.2	650	145	200	73	2900	6393	2540*1662*2008
OFW 160-7.5	28.3	1011	160	200	69	3850	8488	3140*1662*2008
OFW 160-8.6	26.1	932	160	200	69	3850	8488	3140*1662*2008
OFW 160-10	24.2	864	160	200	69	3850	8488	3140*1662*2008
OFW 200-7.5	36.1	1289	200	250	67	4000	8818	3140*1662*2008
OFW 200-8.6	33.1	1182	200	250	67	4000	8818	3140*1662*2008
OFW 200-10	30.4	1086	200	250	67	4000	8818	3140*1662*2008
OFW 250-7.5	43.1	1539	250	300	67	4100	9039	3140*1662*2008
OFW 250-8.6	41.0	1464	250	300	67	4100	9039	3140*1662*2008
OFW 250-10	37.4	1336	250	300	67	4100	9039	3140*1662*2008
OFW 250-13	30.9	1104	250	300	67	4100	9039	3140*1662*2008
OFW 275-7.5	46.4	1657	275	350	67	4300	9480	3140*1662*2008
OFW 275-8.6	43.0	1536	275	350	67	4300	9480	3140*1662*2008
OFW 275-10	41.0	1464	275	350	67	4300	9480	3140*1662*2008
OFW 275-13	33.7	1204	275	350	70	4300	9480	3140*1662*2008
OFA 110-7.5	18.4	657	110	150	71	3560	7848	4040*1662*2008
OFA 110-8.6	17.2	614	110	150	71	3560	7848	4040*1662*2008
OFA 110-10	16	571	110	150	71	3560	7848	4040*1662*2008
OFA 132-7.5	21.8	779	132	150	72	3700	8157	4040*1662*2008
OFA 132-8.6	19.5	696	132	150	72	3700	8157	4040*1662*2008
OFA 132-10	18.8	671	132	150	72	3700	8157	4040*1662*2008
OFA 145-7.5	23.2	829	145	200	72	3850	8488	4040*1662*2008
OFA 145-8.6	21.5	768	145	200	72	3850	8488	4040*1662*2008
OFA 145-10	19.9	711	145	200	72	3850	8488	4040*1662*2008
OFA 160-7.5	27.9	996	160	200	77	5250	11354	5040*1662*2008
OFA 160-8.6	25.7	918	160	200	77	5250	11354	5040*1662*2008
OFA 160-10	23.8	850	160	200	78	5250	11354	5040*1662*2008
OFA 200-7.5	34.1	1218	200	250	78	5250	11574	5040*1662*2008
OFA 200-8.6	31.3	1118	200	250	78	5250	11574	5040*1662*2008
OFA 200-10	30.0	1071	200	250	78	5250	11574	5040*1662*2008
OFA 250-7.5	42.4	1514	250	300	77	5300	11684	5040*1662*2008
OFA 250-8.6	40.1	1432	250	300	78	5300	11684	5040*1662*2008
OFA 250-10	36.8	1314	250	300	78	5300	11684	5040*1662*2008
OFA 275-7.5	44.3	1582	275	350	77	5400	11905	5040*1662*2008
OFA 275-8.6	42.4	1514	275	350	78	5400	11905	5040*1662*2008
OFA 275-10	40.4	1443	275	350	78	5400	11905	5040*1662*2008

Technical data for variable speed OF 75-160 VSD

Model	Capacity		Noise Level	Weight		size
	m3/min	cfm	dB(A)	kg	lbs	mm
OFW 75 VSD-9bar(e)						
Max	13.2	470	65	1925	4244	2549*1376*1900
Min	4.5	160				
OFW 75 VSD-10.4bar(e)						
Max	13.9	496	65	1925	4244	2549*1376*1900
Min	5.7	204				
OFW 90 VSD-9bar(e)						
Max	15.5	553	65	1970	4343	2549*1376*1900
Min	4.5	160				
OFW 90 VSD-10.4bar(e)						
Max	13.9	496	65	1970	4343	2549*1376*1900
Min	5.7	204				
OFA 75 VSD-9bar(e)						
Max	13	264	72	2030	4475	2549*1376*1900
Min	4.5	160				
OFA 75 VSD-10.4bar(e)						
Max	11.8	421	72	2030	4475	2549*1376*1900
Min	5.7	204				
OFA 90 VSD-9bar(e)						
Max	15.4	550	72	2100	4630	2549*1376*1900
Min	4.5	160				
OFA 90 VSD-10.4bar(e)						
Max	13.9	496	72	2100	4630	2549*1376*1900
Min	5.7	204				
OF132-315 VSD						
OFW 132 VSD-8.6						
Max	22.4	800	74	2870	6327	2540*1662*2008
Min	7.7	275				
OFW 132 VSD-10.4						
Max	20.2	721	74	2870	6327	2540*1662*2008
Min	8.2	293				
OFW 160 VSD-8.6						
Max	24.9	889	74	2870	6327	2540*1662*2008
Min	7.7	275				
OFW 160 VSD-10.4						
Max	23	821	74	2870	6327	2540*1662*2008
Min	8.2	293				

Technical data for variable speed OF 250-315VSD

Model	Capacity		Noise Level	Weight		size
	m3/min	cfm	dB(A)	kg	lbs	mm
50Hz						
OFW 250 VSD-8.6						
Max	42.9	1532	73	4600	10141	3140*1662*2008
Min	14.5	518				
OFW 250 VSD-10.4						
Max	38.4	1370	73	4600	10141	3140*1662*2008
Min	19.3	690				
OFW 315 VSD-8.6						
Max	47.3	1689	73	4600	10141	3140*1662*2008
Min	14.5	518				
OFW 315 VSD-10.4						
Max	42	1500	73	4600	10141	3140*1662*2008
Min	19.3	690				
OFA 132 VSD-8.6						
Max	21.8	778	73	3820	8422	4040*1662*2008
Min	7.6	270				
OFA 132 VSD-10.4						
Max	19.8	707	76	3820	8422	4040*1662*2008
Min	11.9	425				
OFA 160 VSD-8.6						
Max	24	857	73	3820	8422	4040*1662*2008
Min	7.6	271				
OFA 160 VSD-10.4						
Max	22.2	793	76	3820	8422	4040*1662*2008
Min	11.9	425				
OFA 250 VSD-8.6						
Max	41.8	1493	78	5750	12677	5040*1662*2112
Min	14.2	507				
OFA 250 VSD-10.4						
Max	38.3	1368	78	5750	12677	5040*1662*2112
Min	25	893				
OFA 315 VSD-8.6						
Max	45	1607	78	5750	12677	5040*1662*2112
Min	14.2	507				
OFA 315 VSD-10.4						
Max	41.3	1478	78	5750	12677	5040*1662*2112
Min	25	893				

*W means water cooled type

*A means air cooled type