



## Enviro Air Oil-injected Screw Air Compressor:

### Product Features:

#### ➡ Superior electrical control system and maintenance instructions:

With the microcomputer control system each unit have self-diagnosis and protection functions. Control panel can show the actual operation of the unit. If a failure occurs, the microcomputer control system will respond accordingly to different situations. Connect the compressors with a computer can achieve multiple chain control and remote control, make sure to work 24 hours a day.

#### ➡ Reduce lubricant resistance:

Inside the air end, rotors deliver the lubricating oil with heat. In fact, the lower the speed, the less resistance the oil has to the rotor. In addition, the lubricating oil should be injected into the compression chamber at a suitable location to minimize the viscous forces and provide the best cooling effect.

#### ➡ Smaller leakage area:

We achieve the smallest leakage area by high-accuracy design, improve the efficiency.

#### ➡ Durable large sized bearing:

We use durable, large sized bearings to meet large diameter air end, to achieve superior performance and long lifespan.

#### ➡ Reduce air leakage:

At high speed, more air is leaked through the rotor during the compression process. In short, the faster the rotor turns, the more difficult it is to seal the air. Precision machining of the rotor can not make up for this defect, so the air end should be large diameter and low speed to achieve high energy efficiency.

#### ➡ Large capacity, high efficiency:

Make the compressor smaller and use high speed is to reduce costs. But the air end should be large diameter and low speed to achieve high energy efficiency.

#### ➡ Excellent cooling device:

The cooler is specially designed for high temperature and high humidity areas, not only increases the heat exchange capacity by more than 10%, but also strengthens the material structure and resistance to acid and alkali treatment.

As the moisture in the oil is removed, the screw operates more smoothly and the bearing life is extended. And it also has the function of low-temperature automatic adjustment compensation, make it suitable for areas with large temperature difference between winter and summer.



## Oil-injected Screw Air Compressor Parameters

Model Parameter	SR7	SR10	SR15	SR20	SR25	SR30	SR40	SR50	SR60	SR75
Air delivery/ Discharge pressure (m³/min)/Mpa	0.8/0.7	1.2/0.7	1.65/0.7	2.5/0.7	3.2/0.7	3.8/0.7	5.3/0.7	6.8/0.7	7.4/0.7	10/0.7
	0.78/0.8	1.1/0.8	1.5/0.8	2.3/0.8	3.0/0.8	3.6/0.8	5.0/0.8	6.2/0.8	7.0/0.8	9.6/0.8
	0.62/1.0	0.95/1.0	1.3/1.0	2.1/1.0	2.7/1.0	3.2/1.0	4.5/1.0	5.6/1.0	6.2/1.0	8.5/1.0
	0.5/1.2	0.8/1.2	1.1/1.2	1.72/1.2	2.4/1.2	2.7/1.2	4.0/1.2	5.0/1.2	5.6/1.2	7.6/1.2
Lubricating oil capacity (L)	4		8		12		20			45
Noise dB(A)	66 ± 2		68 ± 2						72 ± 2	
Driving mode	Belt driven		Diret Drive							
Power Supply	380V/50Hz Customizable									
Power (kw/hp)	5.5/7	7.5/10	11/15	15/20	18.5/25	22/30	30/40	37/50	45/60	55/75
Startup mode	Y–△Start									
Fan power(kw)	0.07	0.15	0.26	0.26	0.38	0.38	0.38	0.75	0.75	1.5
Fan air flow(m³/min)	24	39	75	75	107	107	107	107	182	182
Safety Protection	Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reverse/Phase Sequence Monitoring									
Exterior dimension	L mm	760	940	1140		1340		1560		1740
	W mm	600	670	750		850		1000		1120
	H mm	780	880	1000		1160		1290		1460
Weight(kg)	200	240	400		550		600	800		1660
Output pipe diameter	G 1/2		G 3/4		G1		G1–1/2		G2	

Model Parameter	SR100	SR125	SR150	SR175	SR200	SR250	SR300	SR350	SR430	SR480
Air delivery/ Discharge pressure (m³/min)/Mpa	13.4/0.7	16.2/0.7	21/0.7	24.5/0.7	28.7/0.7	32/0.7	36/0.7	42/0.7	51/0.7	64/0.7
	12.6/0.8	15.0/0.8	19.8/0.8	23.2/0.8	27.6/0.8	30.4/0.8	34.3/0.8	40.5/0.8	50.2/0.8	61/0.8
	11.2/1.0	13.8/1.0	17.4/1.0	20.5/1.0	24.6/1.0	27.4/1.0	30.2/1.0	38.2/1.0	44.5/1.0	56.5/1.0
	10.0/1.2	12.3/1.2	14.8/1.2	17.4/1.2	21.5/1.2	24.8/1.2	27.7/1.2	34.5/1.2	39.5/1.2	49/1.2
Lubricating oil capacity (L)	45		60		80	100	120		150	
Noise dB(A)	72 ± 2			75 ± 2			82 ± 2			84 ± 2
Driving mode	Diret Drive									
Power Supply	380V/50Hz Customizable									
Power (kw/hp)	75/100	90/125	110/150	132/175	160/200	185/250	220/300	250/350	315/430	355/480
Startup mode	Y—△ Start									
Fan power(kw)	1.5	2.2	0.75*2	0.75*2	Customized					
Fan air flow(m³/min)	182	270	500	500	Customized					
Safety Protection	Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reverse/Phase Sequence Monitoring									
Exterior dimension	L mm	1980		2480		2550		3060		3480
	W mm	1230		1470		1590		1880		2040
	H mm	1570		1840		1920		2080		2350
Weight(kg)	1800	1900	2500	2700	3000	3500	4000	4500	6000	6500
Output pipe diameter	G2		G2—1½			DN80				DN100