

Oilfree Scroll ThinkAir®



**Energy saving and save cost,
fresh air is guaranteed!**

Equipped with 2~10 unit compressors.
Full consideration of all kinds of usage,
to achieve the best operation, energy saving
and save money in the < Think Air > series



SCR-40 internal structure

① Compressor body ② motor ③ Belt tension swing base ④ operation panel



SCR-20

7.5/11/15kW

Equipped with 2/3 units or 4 units compressors and motors, according to the use of air volume to freely carry out energy-saving operation.



SCR-30

22/30kW

With 6~8 units compressors and motors, not only to achieve the energy saving operation, but also through the load ratio of different units conversation operation time, thereby reducing the cost of maintenance.

Energy saving

Through multilevel control, the best operation and energy saving are realized.

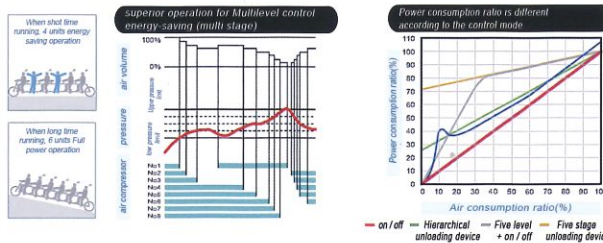
The multiple compressors built in 1 sets of case. According to the use of air volume by multilevel free control the best units' running, thereby avoiding the unnecessary operation, to achieve the energy saving.

Multilevel control with the energy saving surpass the frequency conversion control

Using the least energy consumption of the on / off control. According to the usage of air volume and the actual situation, to achieve the best operation

Substantial inhibition of electricity consumption, energy saving effect is excellent

When the amount of air consumption changes, the compressor will be controlled by different ways to produce a large error. < Think Air > can restrain the energy consumption to the minimum, thus improve the energy saving effect.



Backups

In case of failure, the case is equipped with multiple compressors will start backup operation, do not have to worry about compressed air stop supply.

CLASS ZERO OILFREE

SCR series specification

Model No.	Motor output power kW(HP)	Electricity	Operation control mode	Control pressure MPa	Air delivery L/min	Air interface B	Dimensiea(mm) (WidthXDepthXHeight)	Weight(kg)	Noise level dB(A) (Front1.5m)
SCR-5	3.7	3P 380V 50Hz	Automatic on / off Pressure sensing detection	0.65~0.8	420	Rc3/8	545X665X1065	145	49±3
SCR-10	3.7X2				840	Rc1	720X1140X1640	375	54±3
SCR-15	3.7X3				1260			435	56±3
SCR-20	3.7X4				1680			510	58±3
SCR-30	3.7X6				2520			900	59±3
SCR-40	3.7X8				3360	Rc1 1/2	1400X1140X1640	1050	60±3
SCR-50	3.7X10				4200		1400X1140X2550	1250	65±3
1MPa specification									
SCR-5	3.7	3P 380V 50Hz	Automatic on / off Pressure sensing detection	0.8~1.0	355	Rc1 3/8	545X665X1065	151	50±3
SCR-10	3.7X2				710	Rc1	720X1140X1640	375	53±3
SCR-15	3.7X3				1065			435	56±3
SCR-20	3.7X4				1420			520	58±3
SCR-30	3.7X6				2130	Rc1 1/2	1400X1140X1640	900	59±3
SCR-40	3.7X8				2840			1050	
SCR-50	3.7X10				3550		1400X1140X2550	1250	65±3

Membrane dryer Carrying type

Model No.	Motor output power kW(HP)	Electricity	Operation control mode	Control pressure MPa	Air delivery L/min	Outlet dew point °C	Capacity of air receiver(L)	Air interface B	Dimensiea(mm) (WidthXDepthXHeight)	Weight(kg)	Noise level dB(A) (Front1.5m)
SCR-15B-01	1.5	3P 380V 50Hz	Automatic on / off Pressure sensing detection	0.65~0.8	160	15	35	Rc 3/8	545X665X1065	135	45±3
SCR-22B-01	2.2				210					145	49±3
SCR-37B-01	3.7				380					155	49±3
1MPa specification											
SCR-151B-01	1.5	3P 380V 50Hz	Automatic on / off Pressure sensing detection	0.8~1.0	115	15	35	Rc 3/8	545X665X1065	135	45±3
SCR-221B-01	2.2				170					145	49±3
SCR-371B-01	3.7				320					161	49±3

☆ Air delivery is Average of conversion of air discharge under Suction condition (atmospheric pressure). About the guaranteed value, please consult.

☆ Above 5.5kW need additional air receiver. According the using conditions, Below 3.7kW, can also be equipped with additional air receiver.

☆ Noise levels were measured in anechoic room.

☆ Size refers to the size of the shell, not including ball valve and other protrusion.

☆ Ambient temperature reached 20 degrees Celsius, humidity reached 70% of the ambient pressure dew point.

Blk 3028A Ubi Road 3 #01-88, Singapore 408657. Tel: 6742 3995 / 6742 3895 Fax: 6742 3886

Email : vinair@singnet.com.sg

Website : www.vacs.com.sg

Reg No 199704105D