

SCR COMPRESSOR

XA Series



High quality oil free compressed air

A high quality 74 Degree taper connection is used making a more reliable seal reducing the risk of air leakage. SCR's oil free scroll machine provides 100% oil free air and makes use of fully stainless steel pipework eliminating any possible contamination.

High Efficiency oil free scroll airend

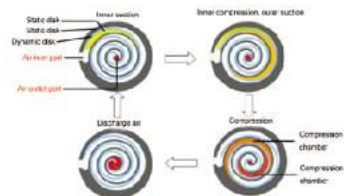
SCR use a world-renowned scroll airend in the XA range for enhanced reliability. The compression chamber and lubricant system is 100% separated meaning there is no risk of oil contaminated air.



Pic 1 Airend Structure

High Reliability

The XA range use low noise, high pressure centrifugal fans which provides excellent air flow. The oversized cooler has spare capacity of between 20%-30% making the air outlet temperature only +10-15 degrees above the ambient temperature. This reduces the burden of downstream equipment.



Pic 2 Work principal



Technical Specification

Model	SCR5XA - 8 / 10	SCR10XA - 8 / 10	SCR15XA - 8 / 10	SCR20XA - 8 / 10	SCR30XA - 8 / 10	SCR40XA - 8 / 10
Capacity(m ³ /min)	0.4 / 0.3	0.8 / 0.7	1.2 / 1.0	1.6 / 1.4	2.6 / 2.1	3.5 / 2.8
Driven Method	Belt Driven					
Outlet Temp(°C)	Ambient Temp+15					
Stainless Steel Air Receiver Capacity(L)	50	230	No	No	No	No
Power Supply(V)	380	380	380	380	380	380
Dimension(mm)	1100×650×980	1200×650×1600	1350×1200×800	800×1200×1800	1200×1400×1500	1200×1400×1800
Weight(kg)	230	320	450	650	900	1300
Outlet Size	Rc3/4	Rc1	Rc1	Rc1	Rc1	Rc1

Remark:

- > Above model are available for VSD, just add "V" after model.
- > Capacity is measured under rated pressure, following ISO1217 C Annex.
- > Alpine/high altitude, high temperature, high humidity, high dust loads or other adverse working conditions will require specialised custom designs. These are available on special request.
- > We reserve the right to make changes and improvements to the design and appearance. Specifications may change without prior notice.