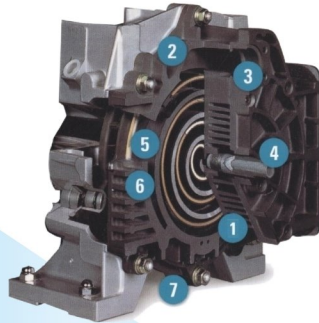




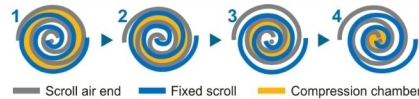
OIL-FREE SCROLL

SCE series

- **ULTRA QUIET** Minimum up to 56 dB
- **ENERGY SAVING** IE3 motor optional
- **HIGH EFFICIENCY** Advanced Scroll technology



- 1 Compression chamber
- 2 Suction chamber
- 3 Suction opening
- 4 Air delivery opening
- 5 Fixed scroll
- 6 Orbiting scroll
- 7 Fail-safe temperature sensor for unit protection.



Advanced Green Energy Scroll Technology

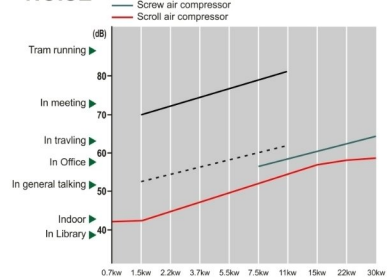
Air compression is achieved (1→2→3→4) by the interaction of a fixed and orbiting scroll. Air at inlet pressure enters the compression chamber at the exterior side of the scroll element. Once air is drawn in, the orbiting scroll seals off the inlet port. As the scroll continues to orbit, the air is progressively compressed into an increasingly smaller "pocket". A continuous flow of compressed air leaves the scroll element through a discharge port in the center of the fixed scroll. This process is continuously repeated, resulting in the delivery of pulse-free compressed air.

- **Features :**
 - The clean air requires no oil contamination in the air.
 - The pipeline also requires no contamination in order to provide the most stringent classification of air quality.
 - The compressed air quality classification is Class 0 (ISO 8573-1).
 - Drained water from compressor does not require special wastewater treatment. It can also reduce operating costs and reduce environmental impact.
 - The compressor operation is low noise and low vibration, so it's suitable for indoor environment.
 - The intelligent control system can adjust the number of compressor units by the actual usage of air demand.
 - For compressor below 7.5 HP, there will be a 30 liter stainless integrated air tank mounted.

- **Application Range :**

Hospital, Dentistry, Instrumentation, Pharmaceutical, Laboratories, Food Processing, Textile Garments, Spray Paint, and Laser Cutting.

NOISE



Model	kW	HP	Working pressure MPa	L/min	SIZE cm	kg	dB
SCE3	2.2	3	0.65~0.8	180	55×63×107	110	57
SCE5	3.7	5	0.65~0.8	310	55×63×107	150	58
SCE10	3.7×2	10	0.65~0.8	620	65×96×120	310	60
SCE20	3.7×4	20	0.65~0.8	1240	65×96×156	490	62
SCE25	3.7×5	25	0.65~0.8	1550	137×96×156	910	65
SCE40	3.7×8	40	0.65~0.8	2480	137×96×156	980	68
SCE50	3.7×10	50	0.65~0.8	3100	137×96×200	1230	68

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