

Atlas Copco

Oil-free scroll compressors

SFe 2-6

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The no-frills small clean air compressor

Need a simple small compressor for your clean air jobs? The SFe 2-6 is your cost-efficient and reliable solution. Quiet and compact, our oil-free open scroll compressor offers a complete package including an element, drive motor and aftercooler. It also comes as a Full Feature model with a refrigerant dryer. Two receiver options are available: an internally-coated 90-liter (24-gallon) or a 270-liter (72-gallon) model.



Premium reliability

- High-efficiency air inlet filter keeps contaminants out of the drivetrain.
- Aluminum pipes and oversized check valve maximize reliability.
- Compact set-up allows for easy maintenance.
- Low noise from core.



Low operational costs

- IE3 Premium Efficiency motor reduces energy use and costs.
- High-efficiency air-cooled scroll element.
- 100% duty cycle for continuous operation.
- Oversized cooler optimizes performance.
- Designed for simplicity and low maintenance costs.



Clean air

- ISO 8573-1 Class 0, 100% clean air.
- Elimination of oil changes ensures minimal service requirements.
- Lower total cost of ownership.

Designed to get the job done

1 Air inlet filter

High-efficiency paper cartridge air inlet filter eliminates dust and particles down to 1 µm.

2 High-efficiency scroll element

Air-cooled scroll compressor element offers proven durability and reliability in operation, in addition to solid efficiency.

3 IP55 Class F/IE3 motor

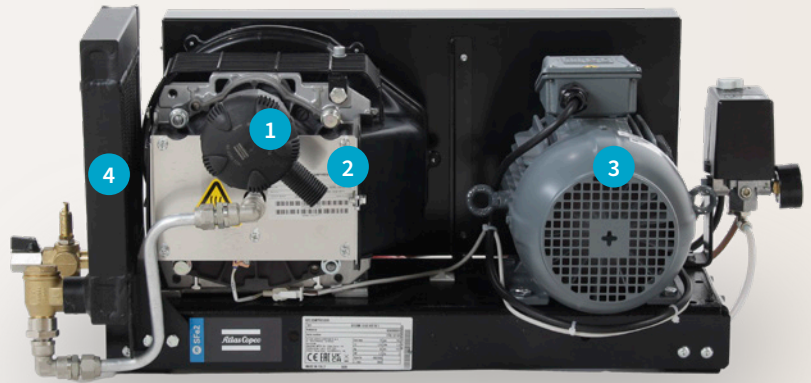
Totally enclosed air-cooled IP55 Class F motor complies with IE3 Premium Efficiency standards. It is suitable for open operation.

4 Cooler & piping

- Integrated aftercooler and aftercooler pipes ensure a maximum ambient temperature of +25°C/77°F at outlet.
- Oversized cooler improves the performance of the unit.
- The use of aluminum pipes and the vertically oversized check valve improve reliability and assure the quality of your compressed air.

Modular storage and dryer options

Complete your SFe to meet your air quality and storage needs. Add on a refrigerant dryer or a 90l (24-gallon) or 270l (72-gallon) receiver to turn it into a tank-mounted model.



Clean air for demanding applications

When you need absolutely clean air, “technically oil-free” won’t do. Oil-injected compression, even filtered, cannot guarantee that all oil vapors, aerosols and other contaminants are removed from the air. Atlas Copco pioneered the oil-free air technology that eliminates any risk of contamination by oil. What is more, we also set a new standard in air quality as the first manufacturer to be certified ISO 8573-1 Class 0.



Technical specifications

Compressor type	Pressure variant	Max. working pressure Pack		Capacity FAD*			Installed motor power		Noise level**
		bar (e)	psig	l/s	m³/min	cfm	kW	hp	
SFe 2	8	8	116	4.2	0.25	8.9	2.2	3	70
	10	10	145	3.4	0.20	7.2	2.2	3	68
SFe 4	8	8	116	6.7	0.40	14.2	3.7	5	72
	10	10	145	5.9	0.35	12.5	3.7	5	69
SFe 6	8	8	116	9.8	0.59	20.8	5.5	7.5	74
	10	10	145	7.6	0.46	16.1	5.5	7.5	71

* Unit performance measured according to ISO 1217, Annex C, Latest Edition.

** Mean noise level measured at a distance of 1 m according to ISO 2151, tolerance 3 dB(a).

Dimensions

	Pack/Full Feature					
	L (mm)	W (mm)	H (mm)	L (in)	W (in)	H (in)
Pack & floor-mounted 2.2kW	890	460	400	35	18.1	15.7
Pack & floor-mounted 3.7/5.5kW	1030	570	450	40.5	22.4	17.7
Pack & 90l (24-gallon) receiver	1010	460	775	39.7	18.1	30.5
Pack & 270l (72-gallon) receiver	1535	570	1000	60.4	22.4	39.4
Full Feature & 270l (72-gallon) receiver	1535	610	1220	60.4	24	48

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