

Atlas Copco

Oil-free scroll air compressors

SF 1-6 scroll 1.5-5.5 kW/2-7.5 hp

The SF range of oil-free scroll air compressors unite Atlas Copco's vast experience and knowledge in a class-leading package. Including a standard pneumatic controller, the SF is reliable and compact. This range answers your demands through innovative technologies and supreme energy efficiency without compromising on quality.



Features & benefits



Pure oil-free air

- No metal to metal contact
- High-quality, oil-free air



Energy efficiency

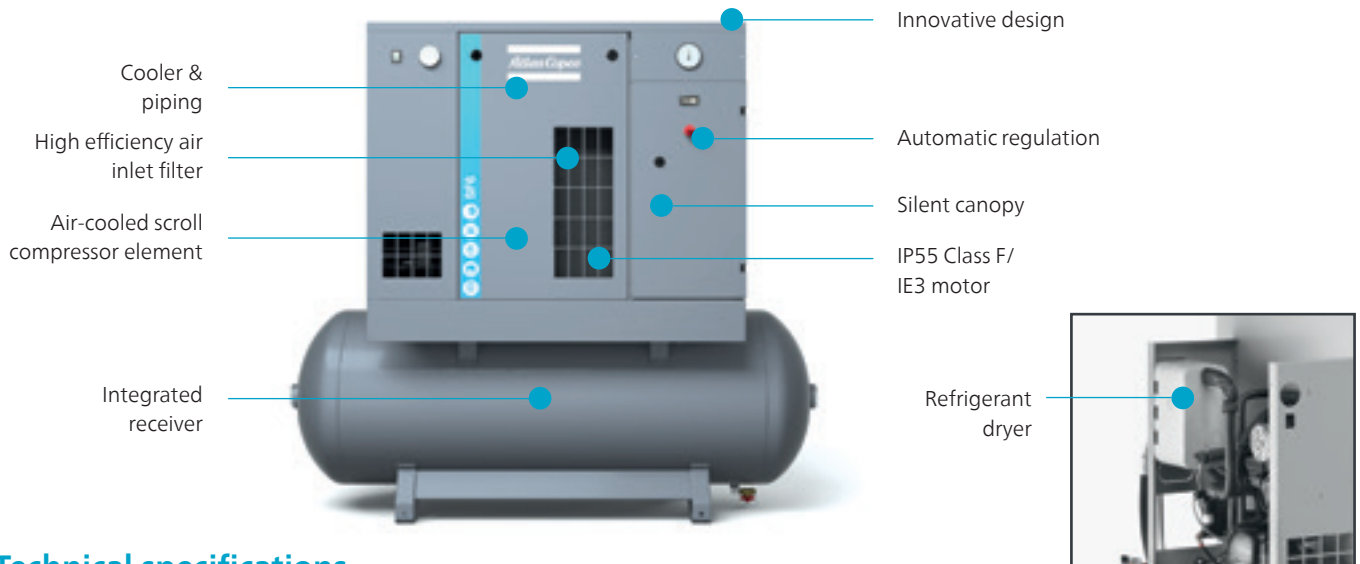
- IE3 Premium efficiency motors
- High-quality, oil-free air



Low noise level

- Extremely quiet
- Sound levels of 53 dB(a)

Efficient, silent & compact



Technical specifications

Type	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight	
	bar(e)	psig	l/s	m³/min	cfm	kW	hp		kg	lbs
SF 1-6 (50/60 Hz)										
SF 1	8	116	2.9	0.17	6.1	1.5	2	53	110	243
	10	145	1.9	0.11	4.0	1.5	2	53	110	243
SF 2	8	116	4.2	0.25	8.9	2.2	3	55	110	243
	10	145	3.4	0.20	7.2	2.2	3	55	110	243
SF 4	8	116	6.7	0.40	14.2	3.7	5	57	124	273
	10	145	5.9	0.35	12.5	3.7	5	57	124	273
SF 6	8	116	9.8	0.59	20.8	5.5	7.5	59	144	317
	10	145	7.6	0.46	16.1	5.5	7.5	59	144	317
SF SKID/TWIN SKID VERSIONS										
SF 1	8	116	2.9	0.17	6.1	1.5	2	65	105	232
	10	145	1.9	0.11	4.0	1.5	2	65	105	232
SF 2	8	116	4.2	0.25	8.9	2.2	3	67	110	243
	10	145	3.4	0.20	7.2	2.2	3	67	110	243
SF 4	8	116	6.6	0.40	14.0	3.7	5	68	120	265
	10	145	5.6	0.34	11.9	3.7	5	68	120	265
SF SKID/TWIN SKID VERSIONS - DUPLEX TANK-MOUNTED										
SF 6T	8	116	10.6	0.64	22.5	5.9	8	72	365	805
	10	145	9	0.54	19.1	5.9	8	72	365	805

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

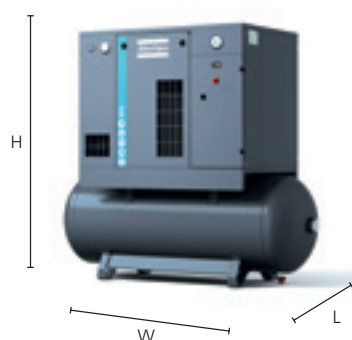
** Mean noise level measured at a distance of 1 m according to ISO 2151, tolerance 3 dB(a). Weights of the pack & floor-mounted units are shown in the chart.

Options

SF 1-6	
Integrated refrigerant dryer	✓
CD adsorption dryer (only for FF TM variants)	✓
Phase Sequence Relay	✓
Prefiltration kit	✓
Integrated 30l air receiver + timer drain	✓
500l air receiver	✓
Timer drain on air receiver (only for tank-mounted variants)	✓
Water Separator Drain (WSD) (only for P FM variants)	✓

SF 1-6	
Upgrade to Mk5 Graphic Controller	✓
ES4i & ES6i (only with Mk5 Graphic Upgrade)	✓
Wooden package	✓
Wheels on 270l receiver	✓
Test certificate	✓
SF Skid/Twin	
SF Skid/Twin	✓
EWD on air receiver (only for tank-mounted variants)	✓

Dimensions



	L x W x H	
	mm	inch
SF 1-6		
Pack & floor-mounted	750 x 640 x 835	29.5 x 25.2 x 32.9
Full Feature & floor-mounted	990 x 640 x 835	39.0 x 25.2 x 32.9
Pack & 270l receiver	1520 x 640 x 1337	59.8 x 25.2 x 52.6
Full Feature & 270l	1520 x 640 x 1337	59.8 x 25.2 x 52.6
SF 1-4 Skid / SF 6 Twin		
SF 1-4 Skid FM	800 x 600 x 540	31.5 x 23.6 x 21.3
SF 1-4 Skid TM	1267 x 600 x 1154	49.9 x 23.6 x 45.4
SF 6 Twin	2043 x 600 x 1154	80.4 x 23.6 x 45.4



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