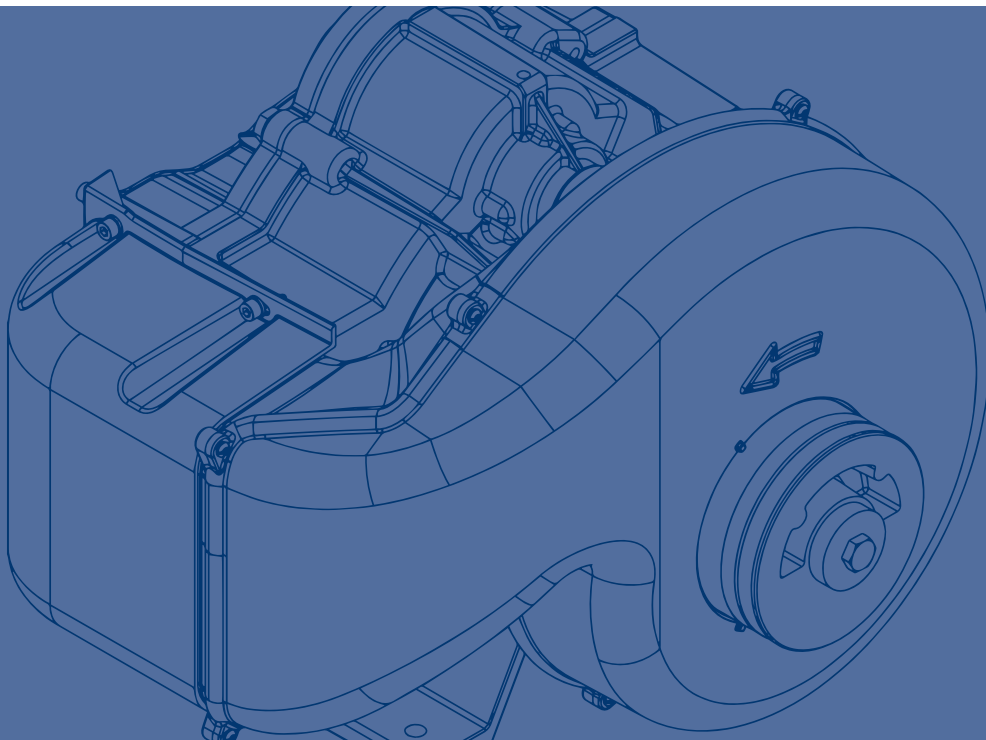


SPIRALAIR

Oil-free Compressors



SPR 2-8

il free
compressors

Oil-free compressors

Industries such as pharmaceuticals, food and beverage, electronics and textiles cannot tolerate any chance of oil contamination in their processes. Therefore, for compressed air applications within these industries, a technology excluding any risk of contamination is an absolute requirement. Their point of reference is the ISO 8573-1 (2010) certification, in which Class Zero represents the best air quality possible. It is the only way to ensure oil-free air for your critical processes and with it peace of mind:

Outstanding reliability, low maintenance and operating costs make oil-free compressors a sound investment.

www.oilfreecompressors.eu



The power of our oil-free scroll range

SPR 2-8 oil-free scroll compressors provide high-quality compressed air for critical applications in a wide range of industries. Continuous investment in research and product development has resulted in both economical and ecological compressors. The range is built focusing on three pillars to make them stand out.

Oil-free quality air

- Ultimate 100% oil-free, clean air.
- The integrated air dryer enhances the air quality and protects your air network against corrosion.
- No filtration system required to remove residual oil along the network.

Energy efficiency

- Unloaded power consumption is eliminated thanks to the simple start/stop control.
- Standard equipped with IE3 motor.

Ultimate reliability and serviceability

- The use of high quality materials and a scroll design with a minimal number of moving parts, ensures a long operating life with a minimum number of service interventions.
- No need for oil change and no requirement for oil waste management.
- Service friendly vertical lay out.



When technology and ecology join forces

The SPR 2-8 range provides top class performance, premium efficiency and quality. With the oil-free compressors, you not only have high-quality compressed air, you also show care for the environment.

Premium performance

- Pressure rating up to 10 bar.
- Output from 6,6 to 35,4 m³/h - 1,9 to 9,8 l/s - 4,0 to 20,8 cfm.
- The slow speed of the scroll elements ensures that the SPR scroll compressors are extremely quiet.
- A sound-insulated canopy ensures reduced noise levels.
- Minimal footprint and highly compact.

Premium efficiency

- Built-in dryer to reduce downstream pressure drop.
- Latest in-house designed compression technology.

Premium quality

- ISO 8573-1 Class 0* certified quality air.
- Corrosion proof materials.
- Clean piping. No risk of contamination by oil.

CLASS*	Concentration total oil (aerosol, liquid, vapour) mg/m ³
0	As specified by the equipment user or supplier and more stringent than class 1
1	≤ 0,01
2	≤ 0,1
3	≤ 1
4	≤ 5

Scroll technology: How does it work?

Compression of the ambient air is obtained through the orbital motion of two spirals. One being static, the second mobile, their interaction pulls the air into the compression chamber. In a regular and continuous way, the mobile spiral compresses the air through a reduction of the volume. The air flow is directed to the center of the spiral after which it is being cooled.

As the spirals never make any contact, this compression process does not require any lubrication. Consequently, Spiralair compressors guarantee 100% oil-free compressed air.



One package – multiple benefits

Check out the innovative features of the SPR 2-8 range and see how they provide you with maximized efficiency, excellent air quality and low noise levels.

State-of-the-art element

- Highly efficient profile.
- Robust, reliable design and easy access for greasing.
- Lower vibration levels.



Belt driven set

- IE3 / NEMA Premium motors as a standard.
- Totally enclosed air-cooled IP 55 class F motor for heavy duty operation.

Electro Pneumatic Control

- Automatic start/stop when the required working pressure is reached, thus avoiding unnecessary energy costs.
- The on/off regulating system is avoiding unloaded power consumption.



Maximized efficiency



Integrated dryer

- Integrated into the package to reduce footprint, maintenance and installation cost.
- Designed to guarantee a constant pressure dew point of +3°C PDP.
- Ensures the delivery of dry high-quality air.



Air quality

Sound insulated canopy

Allows installation in most working environments without requiring a separate compressor room.

Cool canopy

- More ventilation due the vertical design.
- Lower element & air outlet temperatures.
- Oversized cooler improving the performance of the unit.
- New canopy for units with an integrated dryer: better dryer performance and easy access.



Smart design

Options to optimize your operations

A wide range of options enables you to get the most out of your Spiralair compressor.



General options:

- Tank-mounted solution
 - 30 litre
 - 270 litre
 - 500 litre
- Wooden package
- Phase sequence relay

Air quality

- Integrated refrigerant dryer
- Prefiltration kit
- Electronic drain on air receiver
 - Standard for 30 litre
 - Optional for 270 & 500 litre

For further information on how our options can optimize your operations, please contact your local representative.

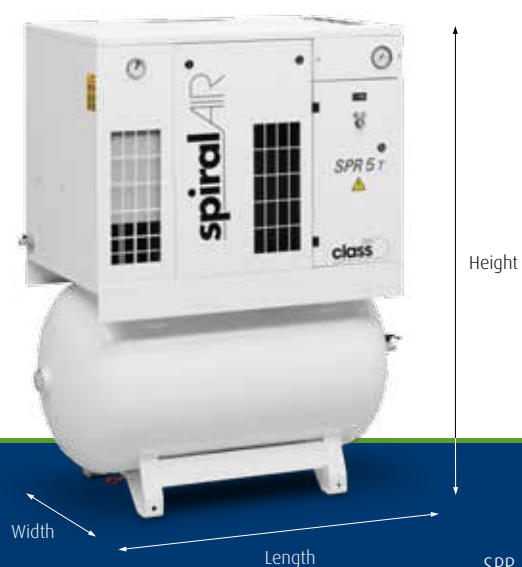


Technical specifications

Model	Max. working pressure	Free Air Delivery			Motor power		Noise level	Weight
	bar	m ³ /h	l/s	cfm	kW	hp	dB(A)	std (kg)
SPR 2	8	10,4	2,9	6,1	1,5	2	53	120
	10	6,8	1,9	4,0				
SPR 3	8	15,1	4,2	8,9	2,2	3	55	125
	10	12,2	3,4	7,2				
SPR 5	8	24,1	6,7	14,2	3,7	5	57	133
	10	21,2	5,9	12,5				
SPR 8	8	35,3	9,8	20,8	5,5	7,5	59	157
	10	27,4	7,6	16,1				

Dimensions

SPR 2-8	Length std mm	Width mm	Height mm
Base-mounted	760	690	840
Base-mounted + dryer	1025	690	840
Tank-mounted 270L	1275	690	1450
Tank-mounted 270L + dryer	1275	690	1450
Tank-mounted 500L	2055	690	1450
Tank-mounted 500L + dryer	2055	690	1450





DRIVEN BY TECHNOLOGY DESIGNED BY EXPERIENCE



**CONTACT YOUR LOCAL
SALES REPRESENTATIVE**

Your authorised distributor

6999010330