80 years experience in two stage piston

- Less moving parts with 2 stage.
- Less parts to be changed.
- Same service concept – maintenance kit.
- Designed for easy installation.
- Same controller for all piston compressors.

Z-Control: Everything you need on one screen

The Z-Control is our new generation compressor controller which provides improved functionality for the Sperre X-Range and Sperre Classic. With a 7" touch screen, operation is made easy and intuitive. The new Eco-mode for sea and harbour runs the compressor with less strain to save power and fuel.

Designed for durability

The Sperre X-Range is a high performing and innovative compressor, designed to deliver dependable and high pressured air power. Thanks to fewer movable parts, the Sperre X-Range compressors demand less maintenance, reduces footprint and cost.

Optimizing airflow

The Sperre X-Range is a plug-and-play compressor designed to optimize airflow and enhance the cooling efficiency.

The radial fan increases the air intake by 20%. This results in an outlet air approximately 25°C above ambient, for air cooled compressors. For water cooled compressors 10–15°C above cooling water inlet temperature.

Future-proof design.

As a result of our history, the Sperre X-Range is designed for the future – ensuring less energy consumption, longer durability and a smaller footprint. The modular system means fewer parts, higher reliability and less maintenance.

No hot surfaces.

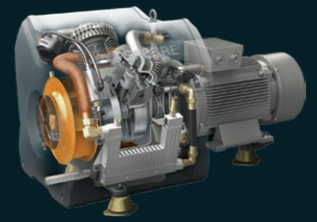
Our X-Range compressor is built with fully enclosed structure which means it protects the operator against hot surfaces and rotating parts.

Cleaner air.

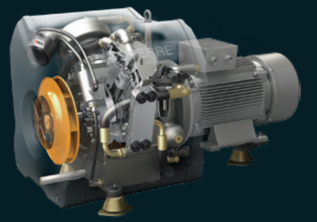
The enclosed structure doesn't only protect your crew – it protects the environment. With X-Range there's no oil mist going out and the overall oil content of the compressors are reduced by 50%.

Air-cooled or water-cooled

At Sperre we always develop solutions based on our customer's needs. That's why you can choose between an air-cooled or water-cooled X-Range without losing any of the benefits.



Air-cooled X-Range



Water-cooled X-Range

Plug & play

Information and warnings from up to seven checkpoints inside the X-cover collected in one plug-in cable.

Easy installation

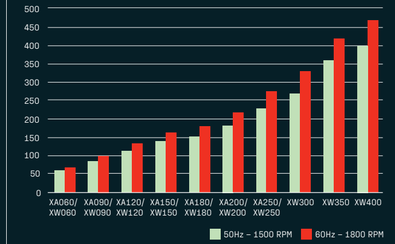
Thanks to innovative design, the X-Range is both easy and safe to install and operate.

Easy to remove cover **One lifting point**

Three point footprint

Specifications

Compare charging capacity and view tech specs for each model



X-Range

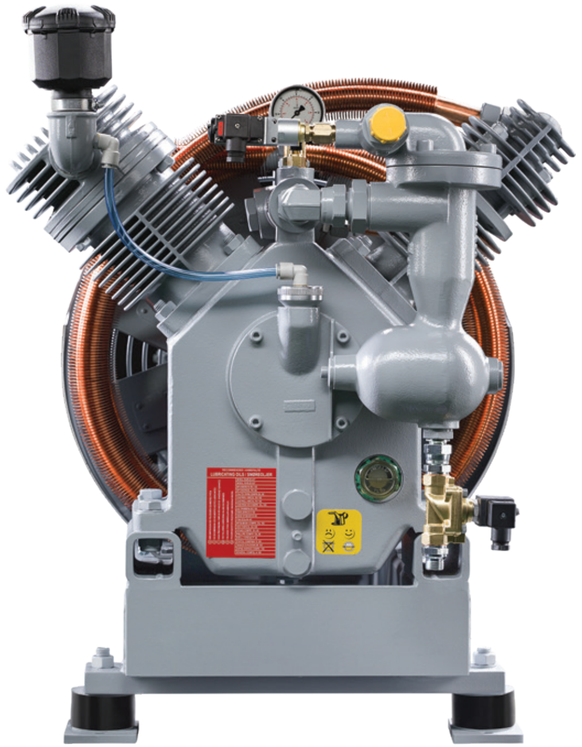
Air-cooled	Water-cooled	50 Hz 1500 RPM*	60 Hz 1800 RPM*
XA060 →	XW060 →	60	70
XA090 →	XW090 →	85	100
XA120 →	XW120 →	115	135
XA150 →	XW150 →	140	165
XA180 →	XW180 →	152	180
XA200 →	XW200 →	185	220
XA250 →	XW250 →	230	275
	XW300 →	270	330
	XW350 →	360	420
	XW400 →	400	470

* All capacities in m^3/h

Sperre Classic

Trusted & renowned

The Sperre Classic is the world's most renowned maritime compressor. It has been perfected in demanding working conditions over decades. No wonder it is the most frequently chosen compressor on the world's oceans.



No loose parts.

No loose parts means lower installation cost and a safer work environment for your crew.

Trusted.

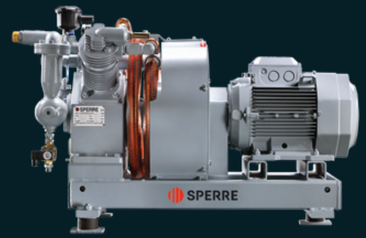
The Sperre Classic has been perfected over decades and have a unique reputation. It is by far the most frequently chosen compressor on the world's oceans.

Smart Eco-mode.

The new Eco-mode runs the compressor with less strain to save power and fuel.

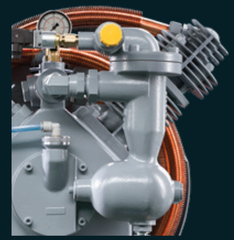
Easy to operate

There's no need for special training to run the Sperre Classic. The compressor is dependable and easy to operate. Follow our preventative maintenance routines and get high performing air power for the lifetime of your vessel.



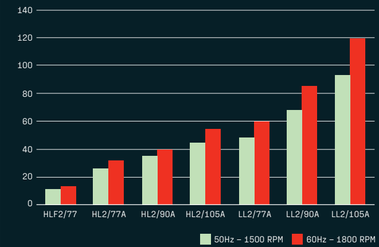
Built-in oil separator

The Sperre Classic contains a built-in cyclone separator providing you substantial savings.



Specifications

Compare charging capacity and view tech specs for each model



Classic		
Starting air (30 bar)	50 Hz 1500 RPM*	60 Hz 1800 RPM*
HLF2/77 →	11	13
HL2/77A →	26	32
HL2/90A →	35	40
HL2/105A →	45	55
Working air (7-10 bar)		
LL2/77A →	49	60
LL2/90A →	68	86
LL2/105A →	93	120

* All capacities in m^3/h