

Fact Sheet

SAUER

Orkan

High-pressure air & gas boosters

Orkan series compressors are based on a flexible modular system and cover a wide output range.

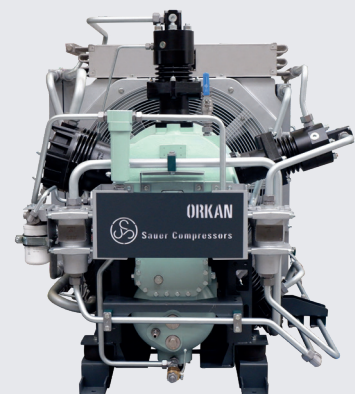
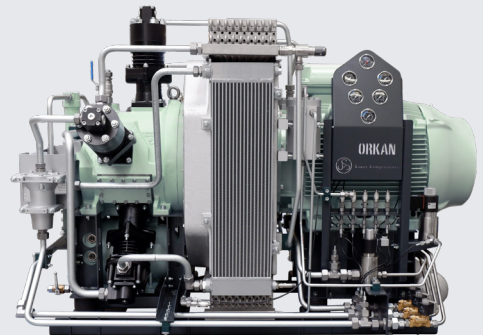
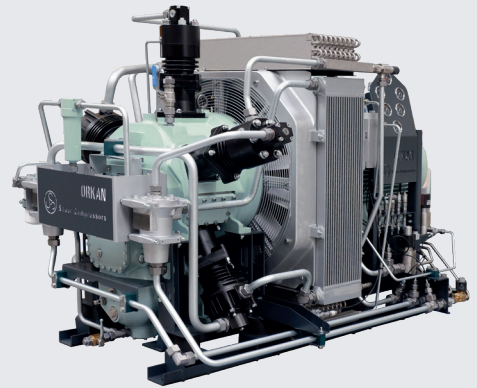
- High-pressure air compressors up to **7,200 psig**
- Real gas boosters with inlet pressures up to **230 psig**
- Hermetically gas-tight designs with **magnetic coupling**
- Standard products for air, nitrogen, helium, CNG and hydrogen
- **Ex-proof** versions acc. to ISO 80079-34:2018 and the European ATEX directive 2014 / 34 / EU

Magnetic coupling drive

Orkan gas boosters feature the first magnetic coupling drive Sauer uses for hermetically gas-tight compressors. It not only guarantees absolute gas-tightness but also is extremely low-maintenance and operates with maximum reliability.

CubeCooler

The new CubeCooler enables recooling temperatures that are more than 30 % lower than those of conventional cooler configurations. For a high cooling capacity like this the coolers have been arranged radially around the combined fan and flywheel.



Key data

Suction pressure:	max. 230 psig
Final pressure:	max. 7,200 psig
Volume Flow Rate:	max. 294 scfm
Rated Power:	max. 147 HP