



Protected by
**Compressor
Shield**



Compressor Shield



Application



Supermarkets
up to 2,500 m²



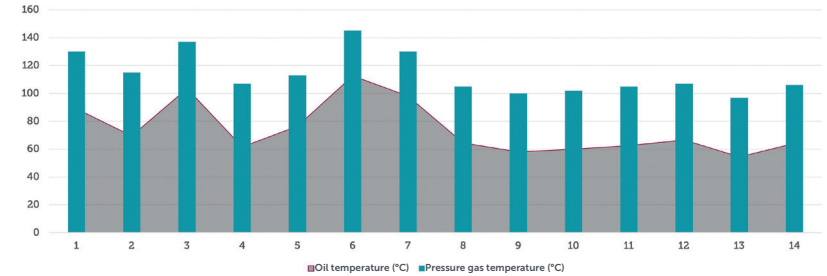
MT cabinets
open: up to 100 m
closed: up to 200 m



LT shelf / island
up to 25 m
LT cold rooms

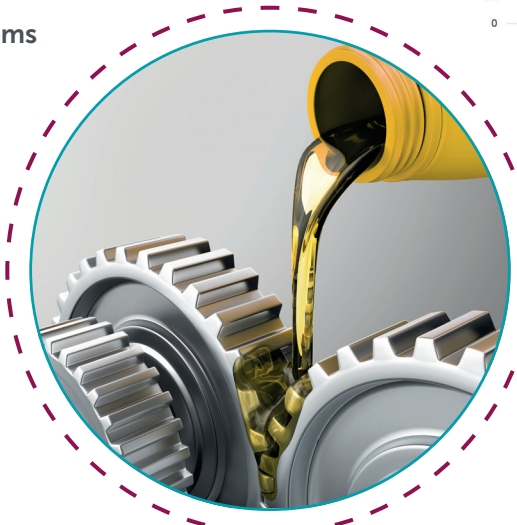
CO₂

Advantage



Details

- Improvement of plant stability
- Increased operational safety
- Increased service life for reciprocating compressors (MT)
- Additionally replaces the air-cooled de-superheater for compressed gas LT
- Patent pending (since 12/2021)



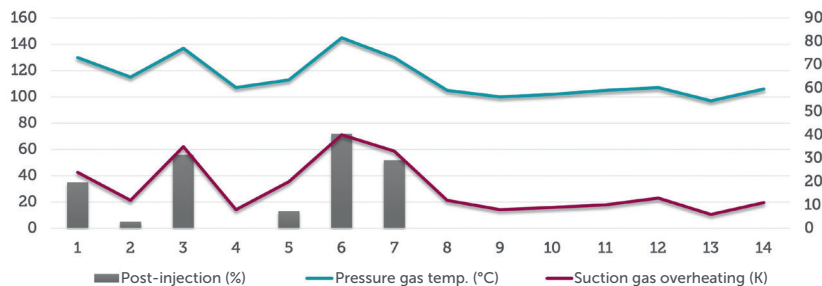
Technology

Features

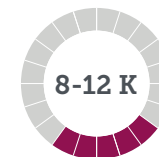
- Optimally conditioned suction gas at the intake manifold of the MT compressor
- No additional controls required

Components

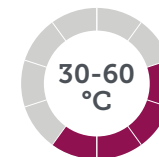
- Specially developed heat exchanger
- In combination with an intelligent control system



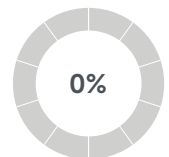
Efficiency



Suction gas
overheating



Oil
temperature



Post-
injection