

HAUSER CO₂ S-RACK

MT from 8 to 40 kW

LT from 0 to 7 kW



- Hauser CO₂ Rack **Made in Austria**
- Welded steel frame with noise reduction cover (powder-coated RAL7045)
- Compact design with minimal required space
- First MT compressor with Inverter
- Intermediate pressure oil system
- Best service accessibility, components are easily accessible from the front
- Low leakage potential – screwed connections reduced to an absolute minimum
- Piping with high-strength copper tubes and fitting
- Electrical panel pre-wired and mounted inside
- eco₂ES Ready – see product sheet: heat recovery modules and controller

Technical Information

Compressors

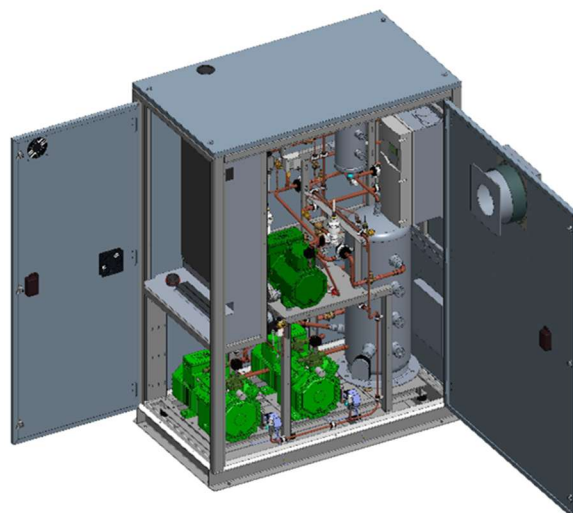
	S 2x1
Number of MT compressor	max. 2
Number of LT compressor	max. 1
Smallest MT compressor	4PTE-7K
Largest MT compressor	4KTE-12K
Smallest LT compressor	2NSL-05K
Largest LT compressor	2HSL-3K

General

Power supply	3L+N 400V 50Hz
Max weight	900 kg
Length	1400 mm
Depth	800 mm
Height	1900 mm
Liquid receiver volume	60 l
Estimated sound pressure level (max)	81 dB(A)
Sound power level (@5m)	59 dB(A)
Installation	Indoor

Max. Operating Pressure

High pressure	120 bar
Suction MT	52 bar
Suction LT	30 bar
Liquid line / Receiver	60 bar
Oil circuit	60 bar

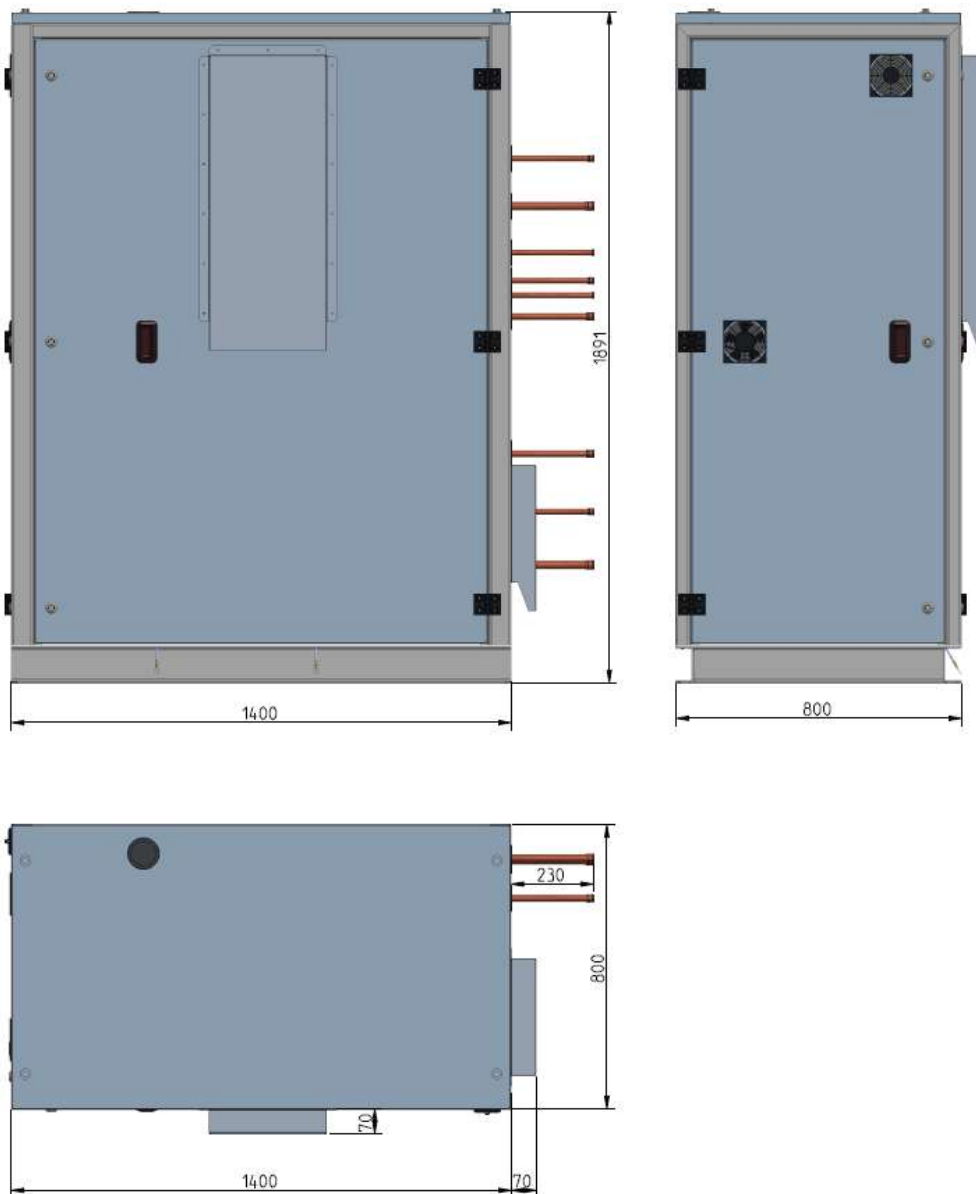


Components and options

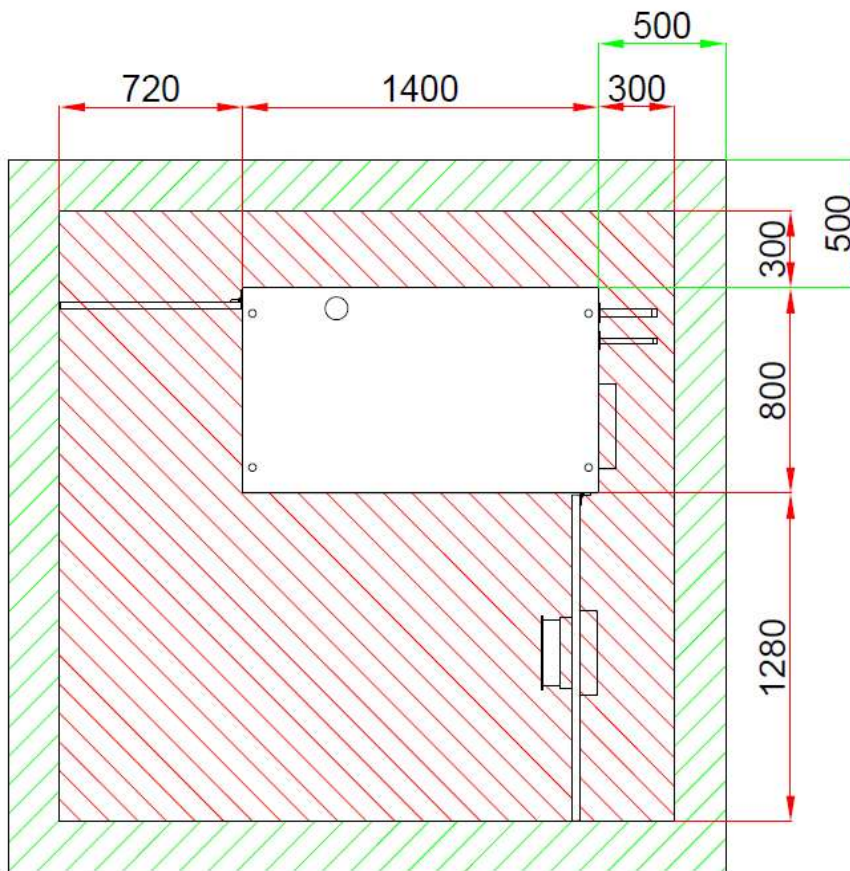
Security Pack	S 2x1
2nd flash gas valve	n.a.
2nd high pressure valve	n.a.
UPS Battery (HP+flash gas valve)	incl.
Liquid injection	n.a.
Hot gas injection	n.a.
Hauser safety valve station	incl.
Alarm liquid level	incl.
LT air desuperheater	n.a.
Exchanger for back-up unit	n.a.
Back-up unit R134a	n.a.
Back-up unit R290	n.a.
Maintenance	
Suction Filter MT	optional on external frame
Suction Filter LT	n.a.
Filter oil line	incl.
Liquid line dryer	optional on external frame
Oil (5l) and oil filter	incl.
Bypass oil separator	n.a.
Bypass liquid line	n.a.
Performance	
Inverter MT/LT	incl. on MT1
Hauser Low Superheat (HLS)	n.a.
LSPM motor on 1 st MT compressor	on request
Electrical panel	
Emergency push button	incl.
Energy meter	on request
Display	incl.
Wurm Controler	Animus
Eckelmann Controler	on request
Carel Controler	on request
Mechanical	
Noise reduction housing outdoor	n.a.
Noise reduction housing indoor	incl.
Additional liquid receiver	n.a.
Absorber feet	optional
Oil pan (below rack)	n.a.
Exchangers	
Heat recovery	on request (with external module)
Economizer (GC out / flash gas)	n.a.
Exchanger suction LT / liquid line	n.a.
Subcooler outlet gas cooler	n.a.

Dimensions

S-Rack 2x1



Rack Position



Minimal space needed
Recommended space