

HAUSER CO₂ M-RACK

MT from 20 to 110 kW

LT from 0 to 25 kW



- Hauser CO₂ Rack **Made in Austria**
- Welded steel frame (powder-coated RAL7016)
- Modular design with **dividable receiver and electrical panel**
- First MT and LT 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 on the main frame
- eco₂ES Ready – see product sheet: heat recovery modules and controller

Technical Information

Compressors

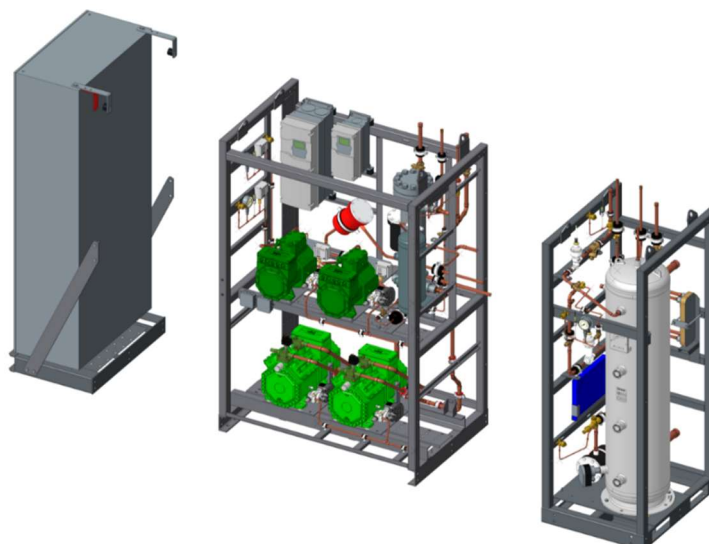
	M 2x2	M 3x2	M 3x3
Number of MT compressor	max. 2	max. 3	max. 3
Number of LT compressor	max. 2	max. 2	max. 3
Smallest MT compressor	4PTE-7K	4PTE-7K	4PTE-7K
Largest MT compressor Inverter	4KTE-12K	4KTE-12K	4FTE-30K-40S
Largest MT compressor (MT2/3)	4FTE-20K-40P	4FTE-20K-40P	4FTE-30K-40P
Smallest LT compressor	2NSL-05K	2NSL-05K	2NSL-05K
Largest LT compressor	2HSL-3K	2HSL-3K	2HSL-3K

General

Power supply	3L+N 400V 50Hz		
Max weight	1200 kg	1400 kg	2400 kg
Length	2450 mm	2600 mm	4010 mm
Depth	850 mm	850 mm	1200 mm
Height	1950 mm	1950 mm	1990 mm
Liquid receiver volume	130 l (+ 130l optional)		250 or 440l
Estimated sound pressure level (max)	88,2 dB(A)		90 dB(A)
Sound power level (@5m)	66 dB(A)		68 dB(A)
Installation	Indoor (outdoor on request)		

Max. Operating Pressure

High pressure	120 bar
Suction MT	45 bar
Suction LT	30 bar
Liquid line / Receiver	60 bar
Oil circuit	60 bar

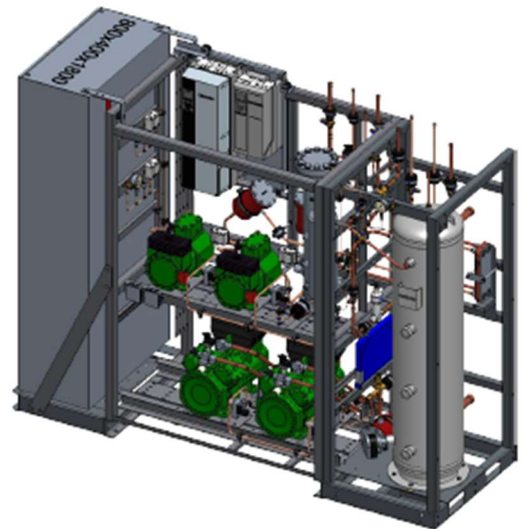
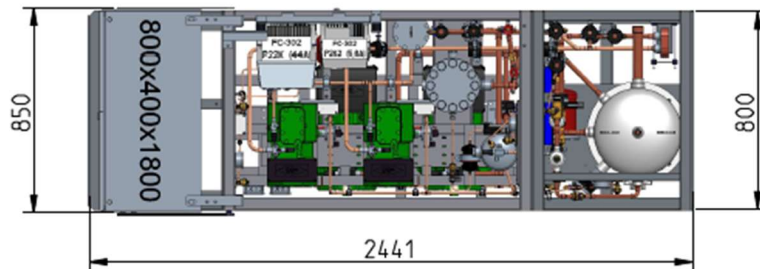
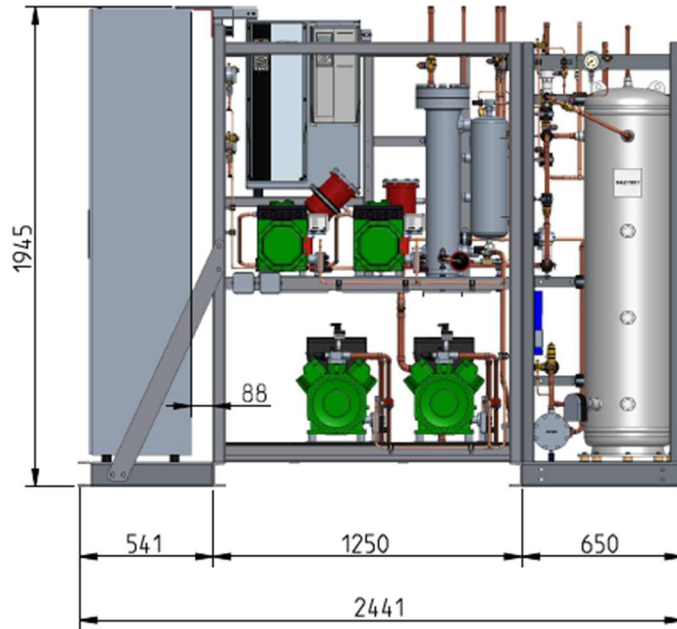


Components and options

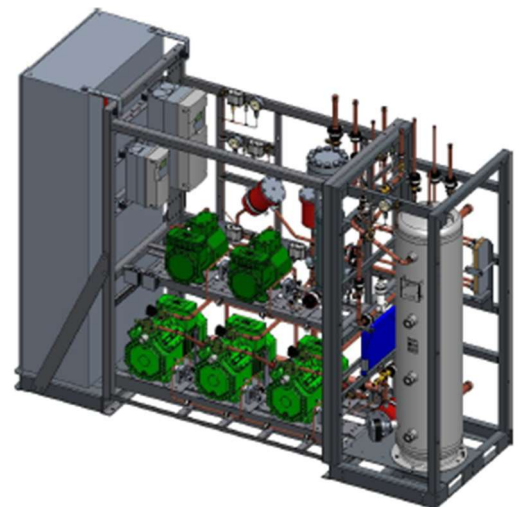
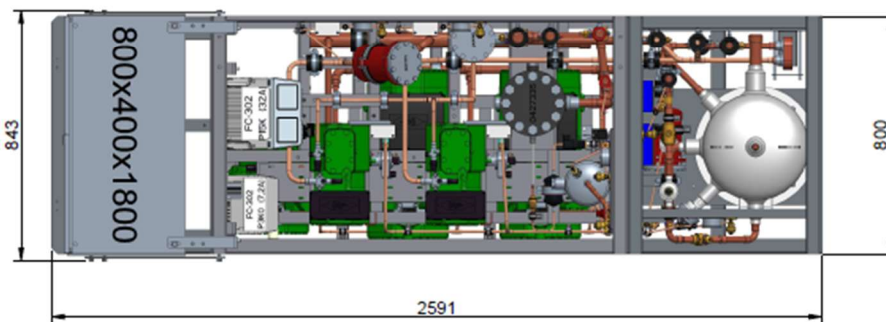
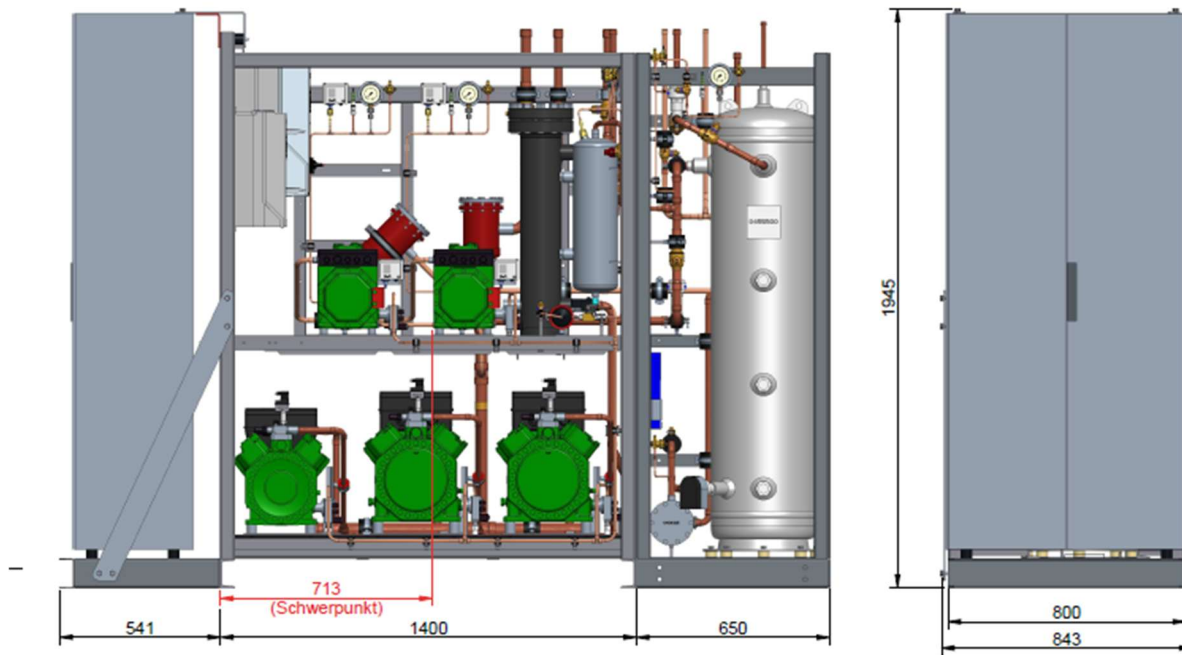
Security Pack	M 2x2	M 3x2	M 3x3
2nd flash gas valve	on request		incl.
2nd high pressure valve	on request		incl.
UPS Battery (HP+flash gas valve)	incl.		incl.
Liquid injection	optional		optional
Hot gas injection	optional		optional
Hauser safety valve station	incl.		incl.
Alarm liquid level	incl.		incl.
LT air desuperheater	optional		optional
Exchanger for back-up unit	optional		optional
Back-up unit R134a	optional		optional
Back-up unit R290	optional		optional
Maintenance			
Suction Filter MT	incl.		incl.
Suction Filter LT	incl.		incl.
Filter oil line	incl.		incl.
Liquid line dryer	incl.		incl.
Oil (5l) and oil filter	incl.		incl.
Bypass oil separator	optional		optional
Bypass liquid line	optional		incl.
Performance			
Inverter MT/LT	incl.		incl.
Hauser Low Superheat (HLS)	optional		optional
LSPM motor on 1 st MT compressor	optional		optional
Electrical panel			
Emergency push button	incl.		incl.
Energy meter	optional		optional
Display	incl.		incl.
Wurm Controller	Animus		HCO2-G4/HVV
Eckelmann Controller	on request		VS3010T
Carel Controller	on request		on request
Mechanical			
Noise reduction housing outdoor	optional		optional
Noise reduction housing indoor	optional		optional
Additional liquid receiver	optional		optional
Absorber feet	optional		optional
Oil pan (below rack)	optional		on request
Exchangers			
Heat recovery	external module		external mod.
Economizer (GC out / flash gas)	on request		incl.
Exchanger suction LT / liquid line	incl.		incl.
Subcooler outlet gas cooler	on request		on request

Dimensions

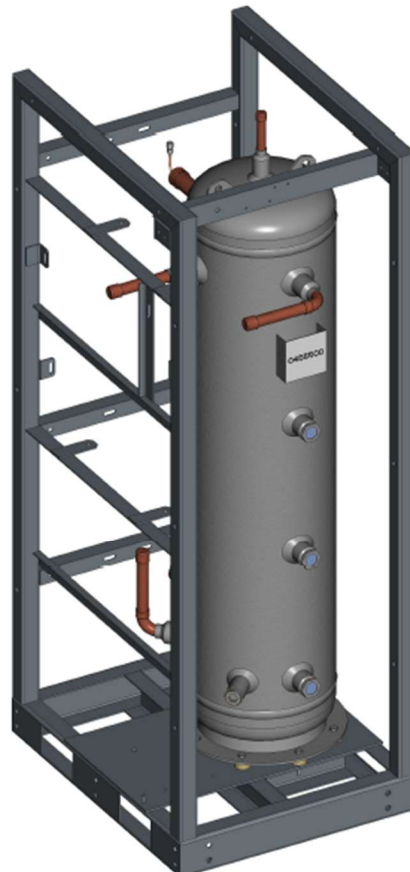
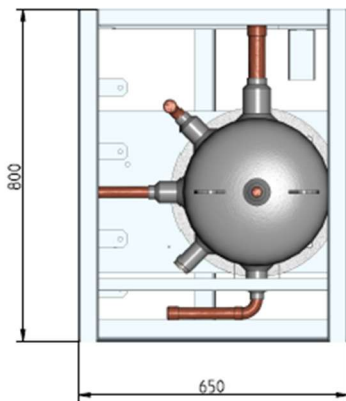
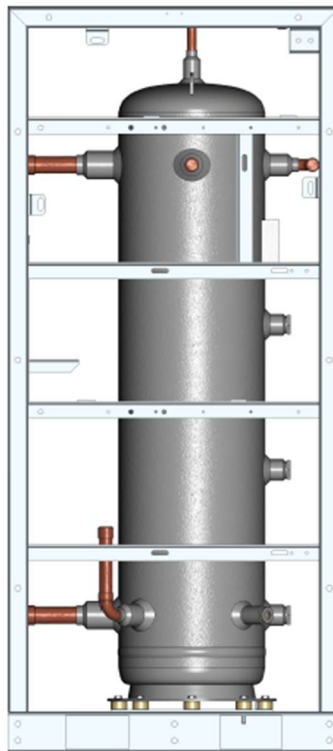
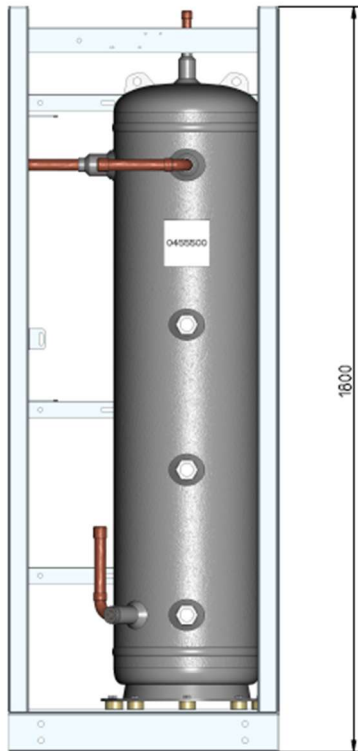
M-Rack 2x2



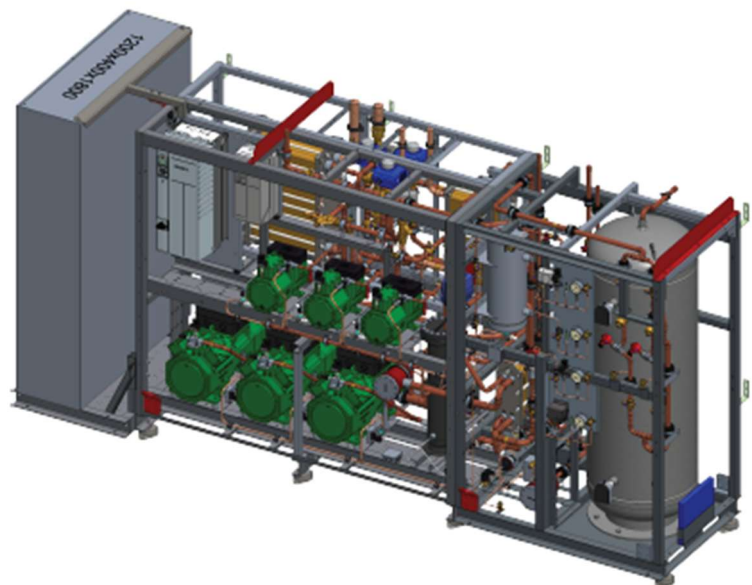
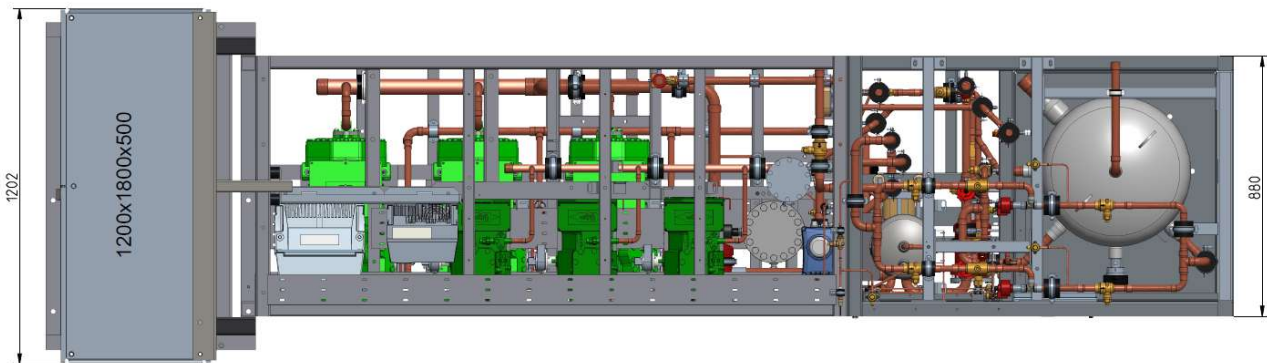
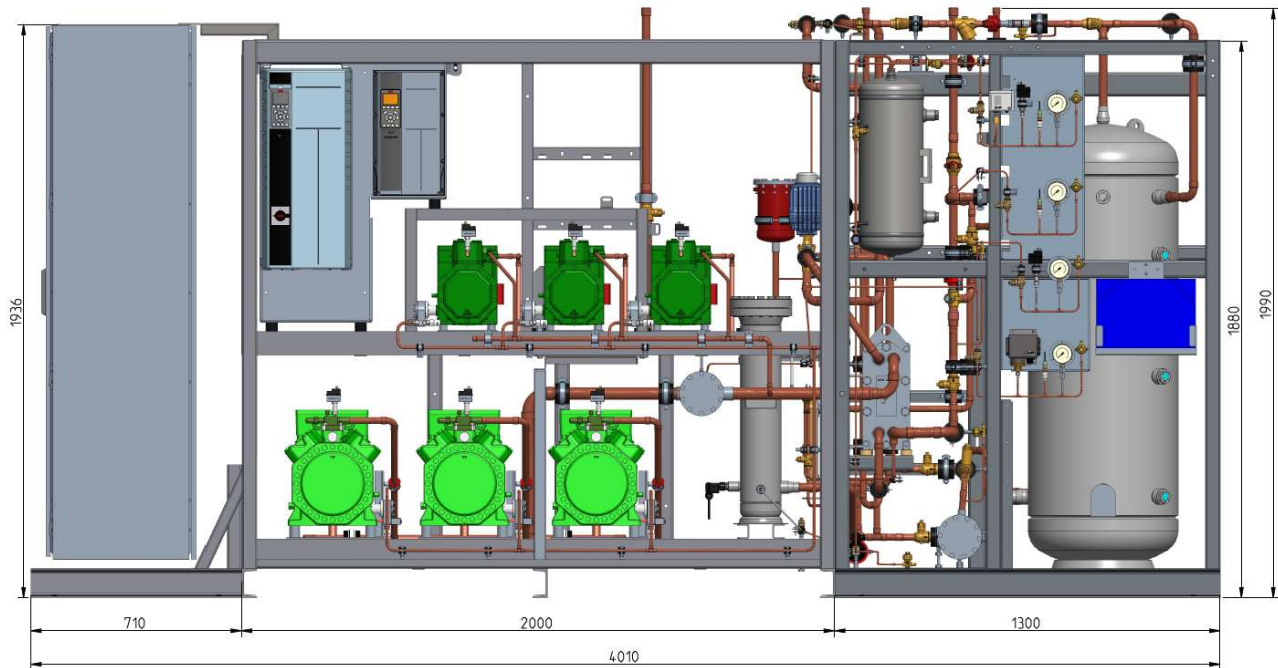
M-Rack 3x2



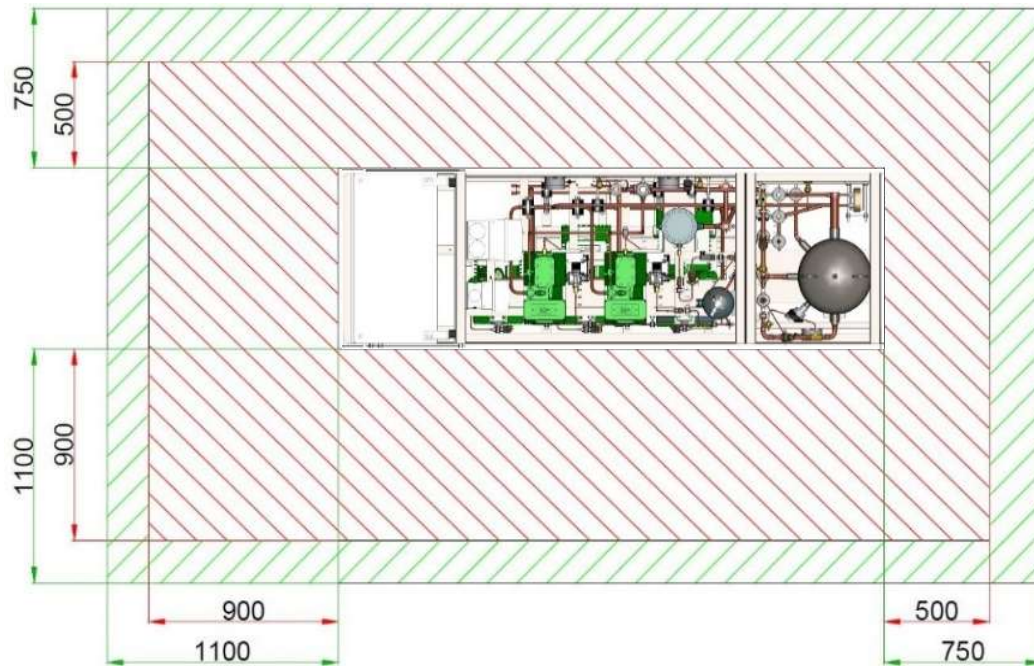
Additional liquid receiver 130l



M-Rack 3x3



Rack Position



Minimal space needed
Recommended space