

HAUSER CO₂ L-RACK

MT from 50 to 190 kW

LT from 20 to 70 kW



- Hauser CO2 Rack **Made in Austria**
- Welded steel frame (powder-coated RAL7016)
- Modular design with **dividable receiver and electrical panel**
- First MT, LT and parallel compressor with Inverter
- Combined intermediate- and high-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

	L 3x3+2
Number of MT compressor	max. 3
Number of LT compressor	max. 3
Number of parallel compressor	max. 2
Smallest MT compressor	4PTE-7K
Largest MT compressor Inverter	4FTE-20K
Largest MT compressor (MT2/3)	4DTE-25K
Smallest LT compressor	2KSL-1K
Largest LT compressor	4FSL-7K
Smallest parallel compressor	4PTE-7K
Largest parallel compressor	4JTE-15K

General

Power supply	3L+N 400V 50Hz
Max weight	4000 kg
Length	6450 mm
Depth	950 mm
Height	2050 mm
Liquid receiver volume	300l + 300l
Estimated sound pressure level (max)	92 dB(A)
Sound power level (@5m)	70 dB(A)
Installation	Indoor

Max. Operating Pressure

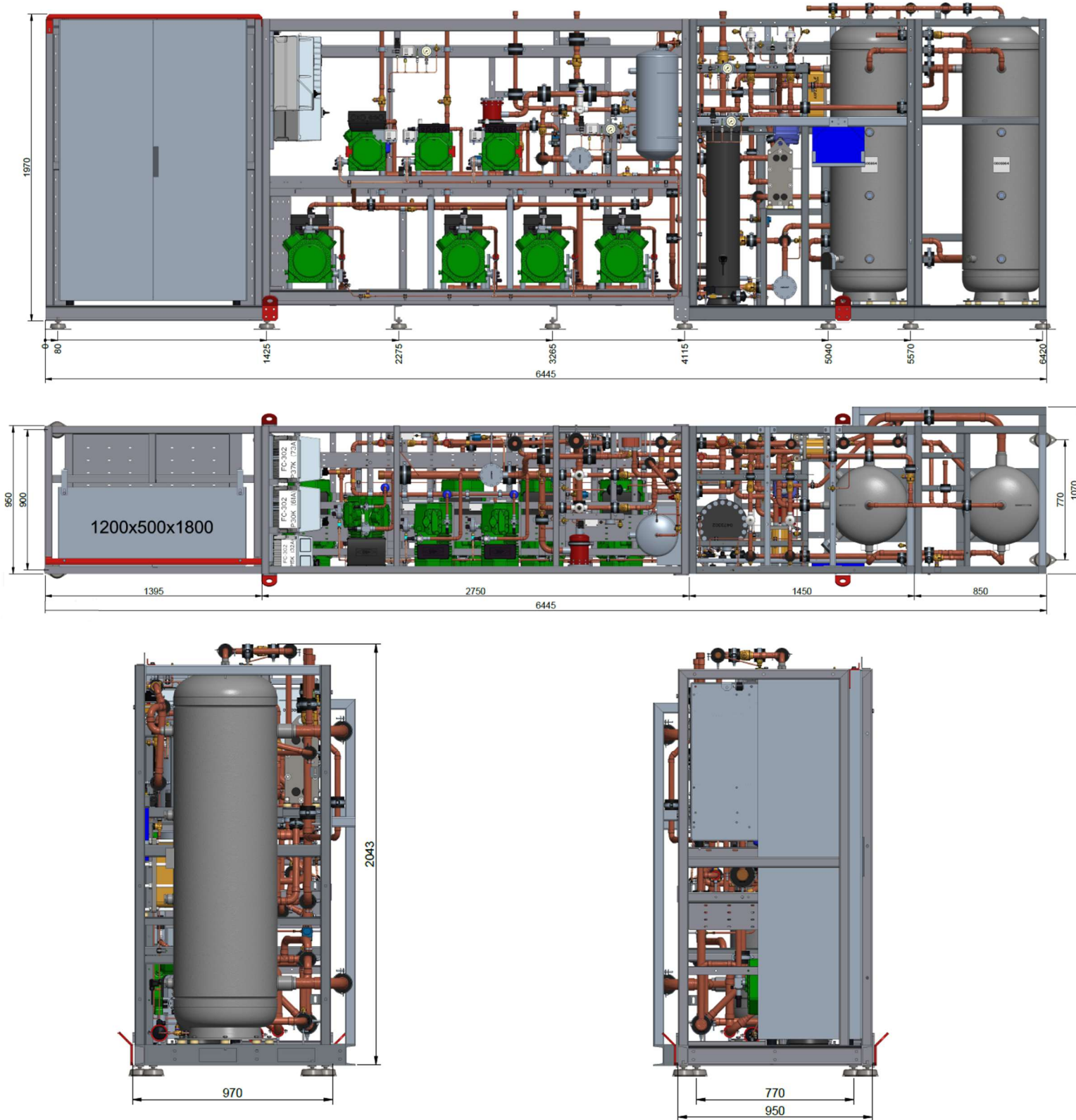
High pressure	120 bar
Suction MT	45 bar
Suction LT	30 bar
Liquid line / Receiver	60 bar
Oil circuit	60/120 bar

Components and options

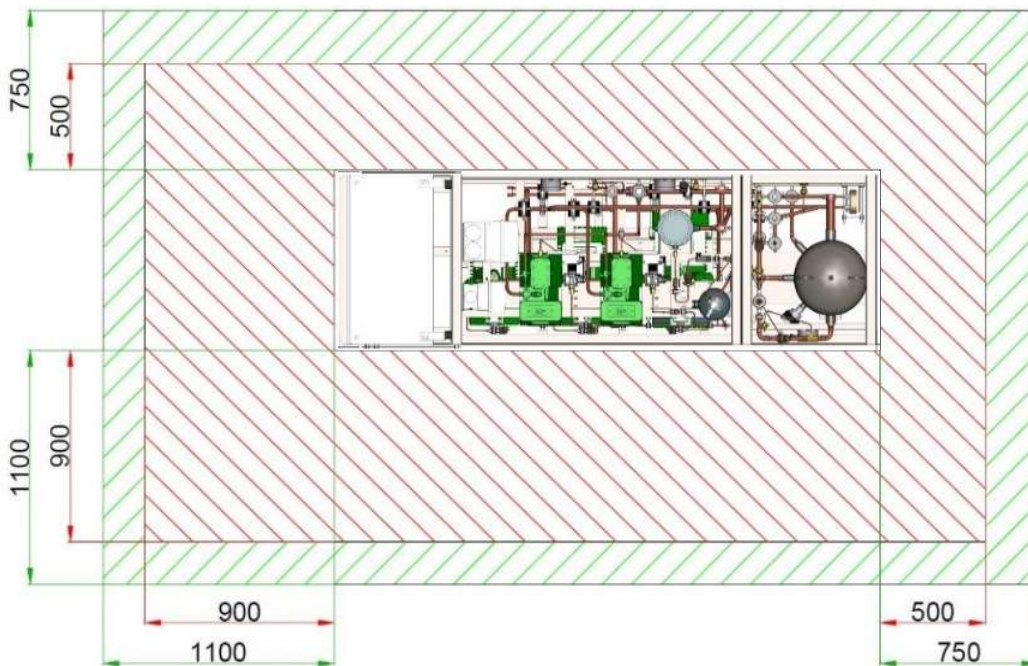
Security Pack		L 3x3x2
2nd flash gas valve		incl.
2nd high pressure valve		incl.
UPS Battery (HP+flash gas valve)		incl.
Liquid injection		incl.
Hot gas injection MT		incl.
Hauser safety valve station		incl.
Alarm liquid level		incl.
LT air desuperheater		incl.
Exchanger for back-up unit		on request
Back-up unit R134a		on request
Back-up unit R290		on request
Maintenance		
Suction Filter MT		incl.
Suction Filter LT		incl.
Filter oil line		incl.
Liquid line dryer		incl.
Oil (5l) and oil filter		incl.
Bypass oil separator		on request
Bypass liquid line		incl.
Performance		
Inverter MT/LT		incl.
Hauser Low Superheat (HLS)		incl.
LSPM motor on 1 st MT and PC comp.		incl.
Electrical panel		
Emergency push button		incl.
Energy meter		incl.
Display		incl.
Wurm Controller		HVV / HCO2G4
Eckelmann Controller		on request
Carel Controller		on request
Mechanical		
Noise reduction housing outdoor		on request
Noise reduction housing indoor		on request
Additional liquid receiver		optional
Absorber feet		optional
Oil pan (below rack)		on request
Exchangers		
Heat recovery		Optional (external module)
Economizer (GC out / flash gas)		incl.
Exchanger suction PC / GC out		incl.
Exchanger suction LT / liquid line		incl.
Subcooler outlet gas cooler		on request

Dimensions

L-Rack 3x3x2



Rack Position:



Minimal space needed

Recommended space

Possible Option: Separate module delivery from Factory for individual placement on site

