

ECO₂ COMPACTA

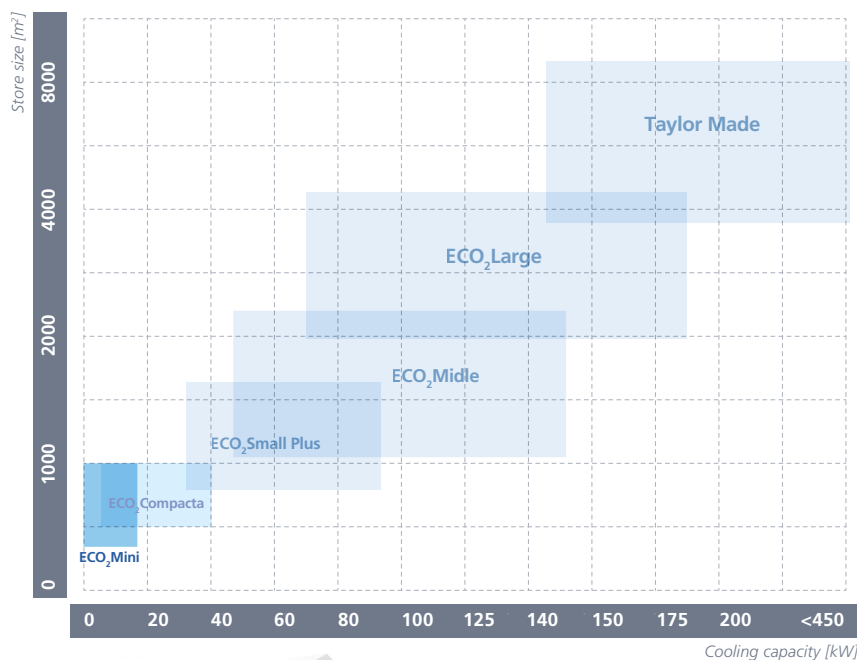
MT from 15 to 50 [kW]

LT from 0 to 18 [kW]



Range of Power Packs CO₂

- CO₂ transcritical unit.
- Very compact product
Booster LT and MT.
- Indoor or outdoor installation
- Low noise level.
- High pressure oil solution from EPTA.
- Easy maintenance concept with one side maintenance access



Technical Information

Compressors BITZER	MT2 + LT1	MT2 LT2	MT3
Number of MT compressor	Max 2	Max 2	Max 3
Number of LT compressor	Max 1	Max 2	0
Smallest MT compressor	4PTE-7K	4PTE-7K	4PTE-7K
Biggest MT compressor	4HTE-20K	4HTE-20K	4KTE-10K
Smallest LT compressor	2MSL-07K	2MSL-07K	
Biggest LT compressor	2GSL-3K/2GME-3K	2GSL-3K/2GME-3K	

General	
Power supply	3P+T400 V (50Hz)
Short-circuit current (kA)	35 kA (standard)
Max weight	1250 kg
Liquid receiver volume	49 l - 60 bar / 65 l - 80 bar
Estimated sound pressure level (max)	48 dB(A)@10m
Sound power level (-10°C/90 bar)	78,2 dB(A)
Installation	Indoor or outdoor version

Pressure service	
High pressure	120 / 130 bar
Suction MT	80 / 60 / 45 bar
Suction LT	80 / 60 / 30 bar
Suction Liquid line	80 / 60 / 45 bar
Oil circuit	120 / 130 bar

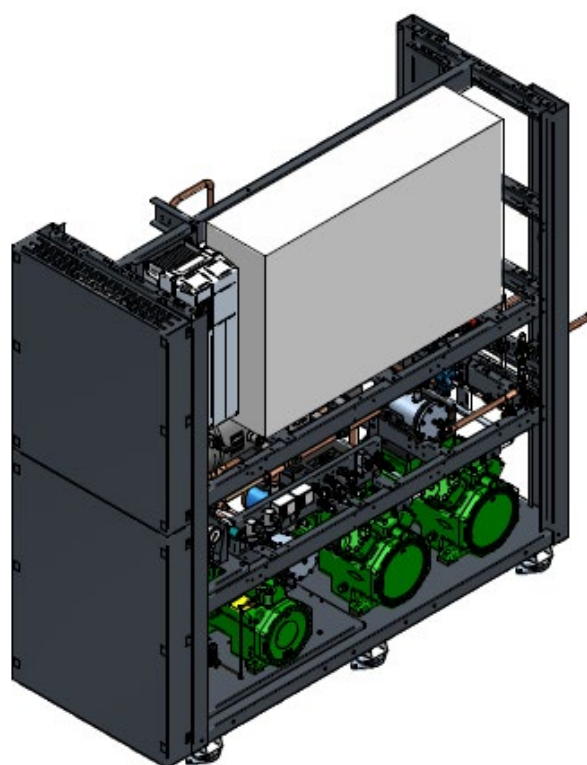
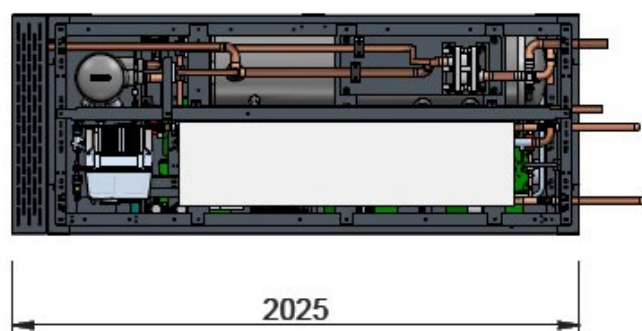
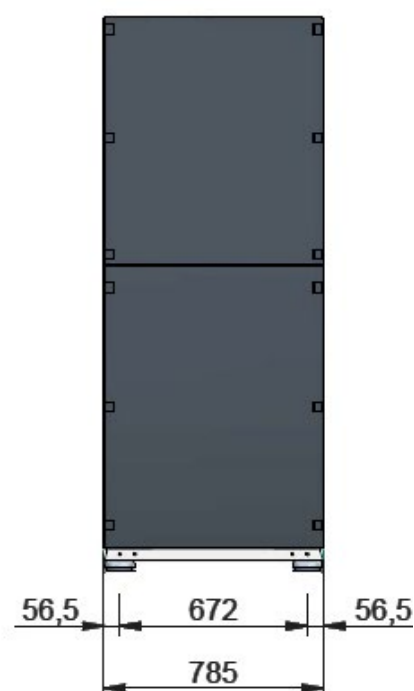
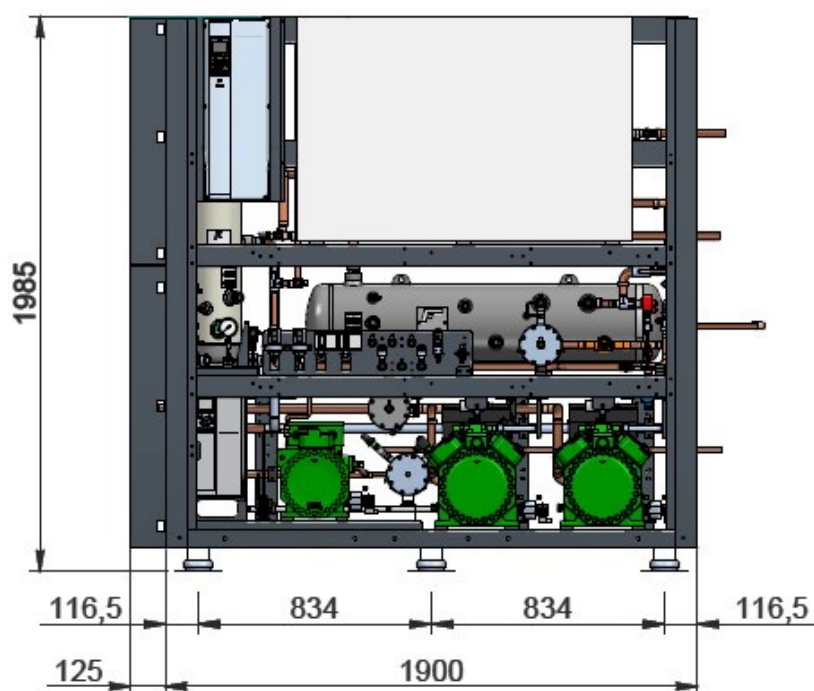
Components and options

ACCESSORIES	BASIC	OPTIONAL
SECURITY PACK		
ULTRACAP or UPS integrated		•
UPS predisposition	•	
Liquid injection MT	•	
Hot gas injection MT	•	
Hot gas injection LT	•	
Safety valve on manifold	•	
Double safety valve connected on pack	•	
Double safety valve on remote rack	•	
Alarm liquid level		•
MAINTENANCE PACK		
Filter suction MT	•	
Filter suction LT	•	
Filter on oil line	•	
Liquid line with dryer repacable cartridge	•	
PERFORMANCE PACK		
CR II IQ module	•	
Inverter MT/LT		•
LSPM motor on 1st MT compressor		•
ELECTRICAL PANEL		
Differential protection		•
Emergency push button		•
Electrical counter		•
Display		•
SWITCH ON PACK predisposition		•
DANFOSS regulator	•	
CAREL regulator	•	
WURM regulator		on request
MECHANICAL		
Housing		•
Noise insulation on housing.		•
Feet with absorbers feet.	•	

ACCESSORIES	BASIC	OPTIONAL
EXCHANGERS		
Exchanger for heat recovery onboard		•
Exchanger for heat recovery remote		•
Gas cooler onboard		on request
Economizer PHX flash gas / outlet cooler		•

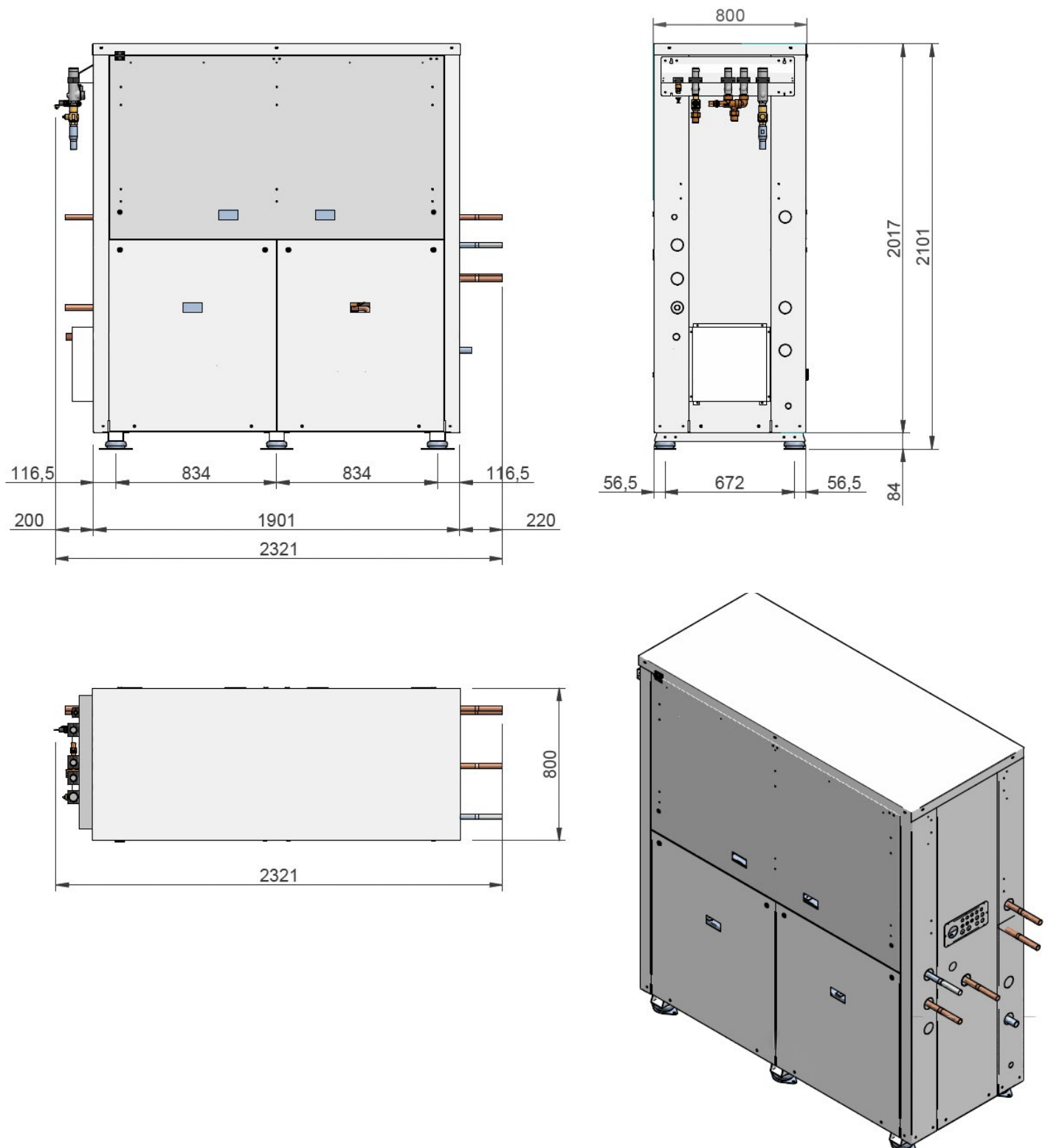
Dimensions

INDOOR UNIT



Dimensions

INDOOR OR OUTDOOR UNIT



Dimensions

INDOOR OR OUTDOOR UNIT WITH INTEGRATED HEAT RECOVERY

