



Proven Solutions.
Cooling | Heating
Sustainable. Efficient.

Mistral / Crystal / Sirocco

CO₂ transcritical unit up to 3 evaporating temperature range covering cooling/freezing/AC application combination with heat reclaim



PFAS/TFA free refrigerant



3 temperature range in 1 unit



Simple/intuitive display/PLC control



80 bar stand still pressure



Robust, easy for service



Connect to BMS via modbus TCP/IP



425 kW MT

cooling capacity



125 kW LT

cooling capacity



215 kW HT

cooling capacity

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Production Line	Unit	Mistral	Crystal	Sirocco
Configuration		Single temp	Double temp	Triple temp
Maximum compressor numbers (MT/LT/HT)		6/-/-	6/3/-	6/3/2
MT cooling capacity range	KW	20-425	20-380	20-380
LT cooling capacity range	KW	-	10-125	10-125
HT cooling capacity range	KW	-	-	20-215
Receiver volume standard	L	122/244/488		
Length	mm	3430-8250 *Depends on configuration		
Width	mm	1000		
Height	mm	2054		
Open Flash high cap. LT	-	-	Option	-
Suction accumulator	-	MT Standard	MT Standard	HT Standard
Intercooler LT	-	Not available	Standard	Standard
Pipes	-	Standard: K65; Option: Stainless steel pipes		

*Condition: @ MT SST 10°C/30°C OAT/32°C liq./89bar)
 LT SST -32°C/30°C OAT
 HT SST +2°C/30°C OAT/32°C liq./89bar)
 7K superheat

Options:

- Weatherproof sound attenuating panels
- Heat exchanger on the hot side for 2 stages heat recovery
- Liquid cooled gas cooler
- Chiller on HT/MT/LT side
- Communication with other monitoring system (Danfoss, Carel, Wurm, RDM)

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