



Proven Solutions.
Cooling | Heating
Sustainable. Efficient.

Mistral/Crystal S/SX

The new CO₂ concept for industrial cooling, freezing, air conditioning and heating.



AC / MT and LT chiller



Stackable unit / reduced foot print



80 bar stand still pressure



Pure LT applications



Fully servicable from 2 sides*



Simple / intuitive touch screen / PLC controlled



Water temperature up to 90°C



High efficiency with ejector



Connect to BMS, smartphone, web server, and more



2/3 levels of heat in one unit



Semi flooded mode



PFAS/TFA free refrigerant

* applicable only for Mistral/Crystal S



30–310 kW AC cooling capacity



20–230 kW MT cooling capacity



10–130 kW LT cooling capacity



40–390 kW heating capacity

Mistral/Crystal S/SX

The Mistral/Crystal S/SX range gathers multiple compressors / heat exchanger configurations and options to best suit your needs.

Product line	Mistral S		Crystal S				Mistral SX			Crystal SX						
Configuration (MT compressor#+LT compressor#)	2+0	3+0	2+1	2+2	3+2	3+3	2+0	3+0	4+0	2+1	2+2	3+2	3+3	4+2	4+3	4+4
AC cooling capacity (KW) 12/7 °C	30 -100						100-310									
MT cooling capacity (KW) -6 °C	20 -80						80-230									
LT cooling capacity (KW)-32 °C	-	10-40				-	20-130									
Heating capacity(KW) 30-60 °C	40-140						100-390									
Length (mm)	1900			2300+450 per module*			2900+450 per module*			2300+450 per module*			2900+450 per module*			
Width (mm)	800						800									
Height (mm)	1300	1950				1950										
Standard liquid receiver size (L)	100			180			230			180			230			

Indicative value: Capacity will vary according to working condition of your project

* Options: additional inverter drive, heat reclaim, chiller and additional liquid receiver

Main options:

- Indoor sound proofing
- Inverter drive on compressor N°2
- Electrical energy measurement
- Modbus RS485/RTU communication
- Hydraulic pumps control
- Other options on request

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