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Indoor and outdoor CO₂ transcritical refrigeration system for convenience stores and small supermarkets

QuietCOOL₂MC



INDOOR Version

OUTDOOR Version

2-93 kW MT cooling capacity
 0-17 kW LT cooling capacity



CO₂ natural refrigerant GWP=1
PFAS FREE



Low sound level



CR11 wide capacity range
100% down to 3%



Large receiver size
(50 l-110 l)



80 bar service pressure



130 bar
high pressure design



Fully serviceable
from the front



Optimized
footprint



Heat reclaim for
heating or sanitary
hot water

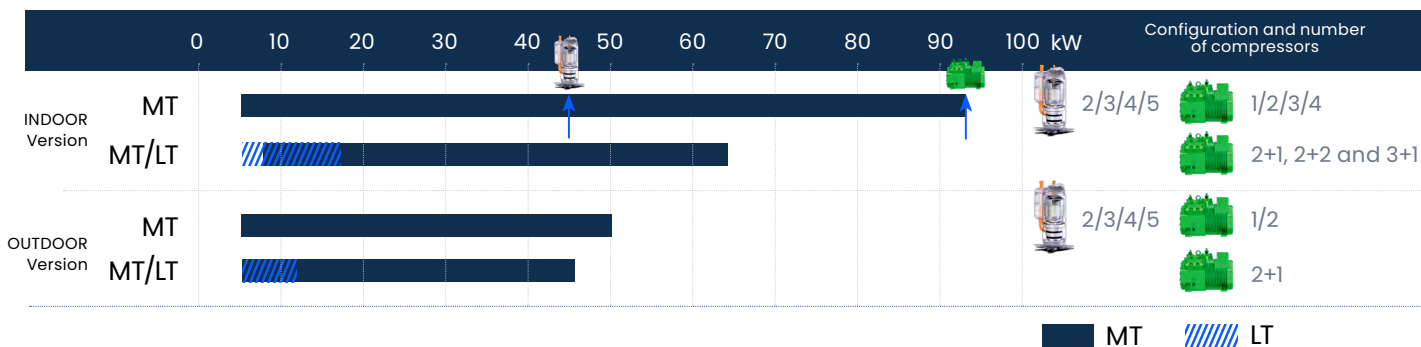
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Part of the
Climate Control
Revolution

The QuietCO₂OL MC range is very versatile to best suits your needs, combining indoor/outdoor version, hermetic/semi hermetic compressors, MT or MT/LT configuration combined with various options

Cooling capacity



Options	Rotary MT	SH MT	SH MT/LT
Standard controls	Schneider	Danfoss	Danfoss
Carel or Eckelmann control	-	○	○
Serial communication interface (compatible with the main monitoring systems)	○	-	-
Additional consumers protections	○	○	○
Rain protection for electrical components (Outdoor only)	○	○	○
Safety kit (controller+sensors as spare part - delivered separately)	○	○	○
Shut-off valve suction line	○	○	○
Suction line strainer	○	○	○
Inverter for 1st MT compressor (SH - semi hermetic) / for all MT compressors (Rotary)	●	●	●
Change Inverter 1st MT compr. -> Bitzer CR11 wide capacity range (100% down to 3%)	-	○	○
Inverter for 1st LT compressor	-	-	○
Heat recovery (can have an impact on the length of some models)	○	○	○
Indoor receiver size upgrade: BV50 (in standard) -> BV90; BV90 (in standard) -> BV110	-	○	○
Gas cooler bypass (Indoor only)	-	○	○
Coil coating	○	○	○
High pressure safety valves	○	○	○
Change of service pressure: PS 120bar -> PS 130bar (for high ambient temp)	-	○	○
Change of service pressure: PS 80/80/120bar -> PS 60/60/120bar	○	○	○
Modulating valve for A/C loop (6kW max)	○	-	-

● Standard ○ Option - Not available

Welcome to the Climate Control Revolution



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