

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

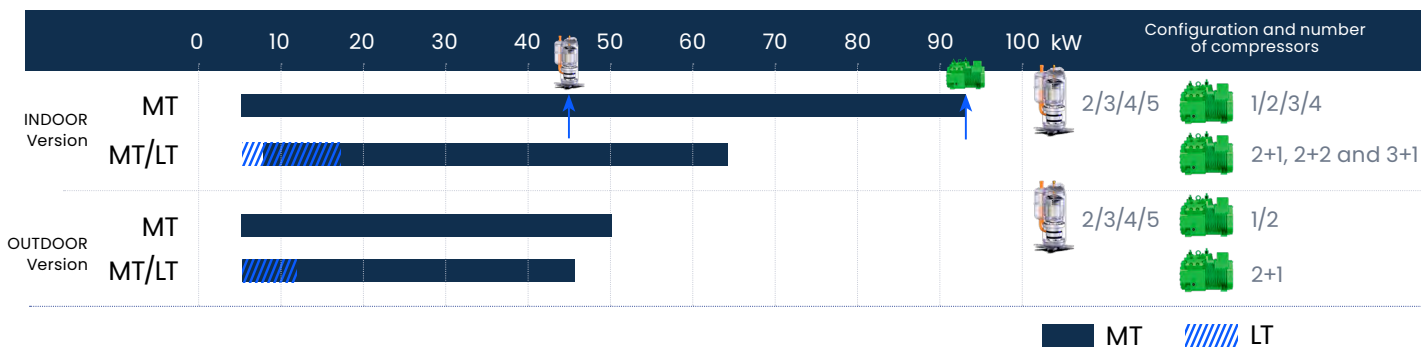
Brochures



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	-	o	o
Serial communication interface (compatible with the main monitoring systems)	o	-	-
Additional consumers protections	o	o	o
Rain protection for electrical components (Outdoor only)	o	o	o
Safety kit (controller+sensors as spare part - delivered separately)	o	o	o
Shut-off valve suction line	o	o	o
Suction line strainer	o	o	o
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%)	-	o	o
Inverter for 1st LT compressor	-	-	o
Heat recovery (can have an impact on the length of some models)	o	o	o
Indoor receiver size upgrade: BV50 (in standard) -> BV90; BV90 (in standard) -> BV110	-	o	o
Gas cooler bypass (Indoor only)	-	o	o
Coil coating	o	o	o
High pressure safety valves	o	o	o
Change of service pressure: PS 120bar -> PS 130bar (for high ambient temp)	-	o	o
Change of service pressure: PS 80/80/120bar -> PS 60/60/120bar	o	o	o
Modulating valve for A/C loop (6kW max)	o	-	-

● Standard o Option - Not available

Welcome to the Climate Control Revolution



Profroid reserves the right to change certain information and specifications contained in this document at any time and without prior notice. Since standards, specifications and designs are subject to occasional change, please ask for confirmation of the information given in this publication

www.ccr.com



Ref. no. Profroid_QuietCO2OL_MC_leaflet_270825_EN. All trademarks are the property of their respective owners, ©2025 CCR. All Rights Reserved.