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CO₂ transcritical refrigeration concept for small stores and extensions

QuietCOOL₂



 **1-10 kW** MT cooling capacity
 **1-7 kW** LT cooling capacity



PFAS/TFA free refrigerant



Up to 70m pipe length:
MCHX gas cooler, 2 receiver
sizes for larger models



80 bar stand
still pressure



Silent



Inverter on compressor,
EC fans



Simple / intuitive display



Compact, low refrigerant
charge, easy to service



Suction filter,
Electrical protection for
consumers



Connect to BMS
via modbus RS485

Brochures



Part of the
**Climate Control
Revolution**

The QuietCO₂OL range is split into 7 sizes and 11 models to best suit your needs.

MT models	Q _o (kW)		Noise level dB(A) @10m	Fan #	Voltage (V/Ph/Hz)	I _{max} * (A)	Cooler protections		Ø		Receiver volume (l)	Dimensions LxWxH (mm)	Weight (kg)
	Min	Max					type	qty	Suct	Liq			
QC MT30 ACO 6 EC MX	0,8	3,2	29	1	230/1/50 +N+G	14,0	10A 230/1/50 +N	2	3/8"	3/8"	3 x 2,2 cat I	1224 x 573 x 1196	151
QC MT45 ACO 6 EC MX	1,1	4,5	31	1	230/1/50 +N+G	20,3	10A 230/1/50 +N	2			3 x 2,2 cat I	1224 x 573 x 1196	151
QC MT67 ACO 6 EC MX	1,8	7,2	34	1	400/3/50 +N+G	26,6	10A 230/1/50 +N	3			3 x 2,2 cat I	1224 x 573 x 1196	159
QC MT67 ACO 12 EC MX	1,8	7,2	34	1	400/3/50 +N+G	26,6	10A 230/1/50 +N	3			12,5 cat II	1224 x 573 x 1196	169
QC MT100 ACO 6 EC MX	2,4	9,7	35	2	400/3/50 +N+G	20,8	10A 230/1/50 +N	3			3 x 2,2 cat I	1224 x 573 x 1464	194
QC MT100 ACO 12 EC MX	2,4	9,7	35	2	400/3/50 +N+G	20,8	10A 230/1/50 +N	3			12,5 cat II	1224 x 573 x 1464	204

LT models	Q _o (kW)		Noise level dB(A) @10m	Fan #	Voltage (V/Ph/Hz)	I _{max} * (A)	Cooler protections		Ø		Receiver volume (l)	Dimensions LxWxH (mm)	Weight (kg)
	Min	Max					type	qty	Suct	Liq			
QC LT75 ACO 6 EC MX	1,3	2,9	32	1	230/1/50 +N+G	19,1	-	0	3/8"	3/8"	3 x 2,2 cat I	1224 x 818 x 1196	196
QC LT112 ACO 6 EC MX	2,0	4,6	35	1	400/3/50 +N+G	16,7	10A 400/3/50 +N	1	1/2"	3/8"	3 x 2,2 cat I	1224 x 818 x 1668	241
QC LT112 ACO 12 EC MX	2,0	4,6	35	1	400/3/50 +N+G	16,7	10A 400/3/50 +N	1			12,5 cat II	1224 x 818 x 1668	251
QC LT167 ACO 6 EC MX	2,9	6,5	37	2	400/3/50 +N+G	23,8	10A 400/3/50 +N	1			3 x 2,2 cat I	1224 x 818 x 1668	254
QC LT167 ACO 12 EC MX	2,9	6,5	37	2	400/3/50 +N+G	23,8	10A 400/3/50 +N	1			12,5 cat II	1224 x 818 x 1668	264

Evaporating temp -8°C MT & - 32°C LT @ ambient 32°C
*without cooler protection

Options:

- Coil corrosion protection, Water cooled versions

CO₂ and oil charge estimation tool:



Welcome to the Climate Control Revolution



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