

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 per model



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 16 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 L×W×H (mm)	Weight (kg)
	Min	Max					type	qty	Suct	Liq			
QC MT30 ACO 4 AC MX	0,8	3,2	29	1	230/1/50 +N+G	13,4	10A 230/1/50 +N	2	3/8"	3/8"	2 x 2,2 cat I	1200 x 390 x 1058	112
QC MT30 ACO 6 AC MX											3 x 2,2 cat I		115
QC MT30 ACO 4 EC MX	0,8	3,2	29	1	230/1/50 +N+G	14,0	10A 230/1/50 +N	2			2 x 2,2 cat I		117
QC MT30 ACO 6 EC MX											3 x 2,2 cat I		121
QC MT45 ACO 4 EC MX	1,1	4,5	31	1	230/1/50 +N+G	19,7	10A 230/1/50 +N	2			2 x 2,2 cat I	117	
QC MT45 ACO 6 EC MX											3 x 2,2 cat I	121	
QC MT67 ACO 6 EC MX	1,8	7,2	34	1	400/3/50 +N+G	28,2	10A 230/1/50 +N	3			3 x 2,2 cat I	125	
QC MT67 ACO 12 EC MX											12,5 cat II	153	
QC MT100 ACO 6 EC MX	2,4	9,7	35	2	400/3/50 +N+ G	19,5	10A 230/1/50 +N	3			3 x 2,2 cat I	1200 x 390 x 1464	157
QC MT100 ACO 12 EC MX											12,5 cat II	1200 x 534 x 1464	178

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 L×W×H (mm)	Weight (kg)
	Min	Max					type	qty	Suct	Liq			
QC LT75 ACO 4 EC MX	1,3	2,9	32	1	230/1/50 +N+G	19,1	–	0	3/8"	3/8"	2 x 2,2 cat I	1200 x 686 x 1058	165
QC LT75 ACO 6 EC MX											3 x 2,2 cat I		169
QC LT112 ACO 6 EC MX	2,0	4,6	35	1	400/3/50 +N+ G	17,5	10A 400/3/50 +N	1	1/2"	3/8"	3 x 2,2 cat I	1200 x 686 x 1668	210
QC LT112 ACO 12 EC MX						15,7					12,5 cat II	1200 x 774 x 1668	233
QC LT167 ACO 6 EC MX	2,9	6,5	37	2	400/3/50 +N+ G	31,4	20A 400/3/50 +N	1			3 x 2,2 cat I	1200 x 686 x 1668	220
QC LT167 ACO 12 EC MX						22,8					12,5 cat II	1200 x 774 x 1668	243

Evaporating temp -8°C MT & -32°C LT @ ambient 32°C;

Options:

- Coil corrosion protection, Water cooled versions

CO₂ and oil charge estimation tool:



Welcome to the Climate Control Revolution

