Carrier

Proven Solutions.

Cooling | Heating

Sustainable. Efficient.

QuietCO$_2$OL

CO_2 transcritical refrigeration concept for small stores and extensions

New:
- **Larger receiver available**
- **Online CO_2 and oil charge estimation tool**

- PFAS/TFA free refrigerant
- Silent
- Compact, low refrigerant charge, easy service
- **Up to 70m pipe length: MCHX gas cooler, 2 receiver sizes per model**
- Inverter on compressor, EC fans
- Suction filter, Electrical protection for consumers
- 80 bar stand still pressure
- Simple / intuitive display
- Connect to BMS via modbus RS485

Brochures available here:

LRQA CERTIFIED ISO 9001

1–10 kW MT cooling capacity

1–7 kW LT cooling capacity

QuietCO2OL

CO_2 and oil charge estimation tool:

The QuietCO2OL range is split into 7 sizes and 14 models to best suit your needs.

MT models	Q_0 (kW) Min	Q_0 (kW) Max	Noise level dB(A) @10m	Fan #	Voltage (V/Ph/Hz)	Imax (A)	Cooler protections type	Cooler protections qty	Ø Suct	Ø Liq	Receiver volume (l)	Dimensions L×W×H (mm)	Weight (kg)
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		116
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	1200 x 534 x 1196	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_0 (kW) Min	Q_0 (kW) Max	Noise level dB(A) @10m	Fan #	Voltage (V/Ph/Hz)	Imax (A)	Cooler protections type	Cooler protections qty	Ø Suct	Ø Liq	Receiver volume (l)	Dimensions L×W×H (mm)	Weight (kg)
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 690 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 690 x 1668	210
QC LT112 ACO 12 EC MX											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 690 x 1668	220
QC LT167 ACO 12 EC MX											12,5 cat II	1200 x 774 x 1668	243

*Evaporating temp -8°C MT & - 32°C LT @ ambient 32°C; * Available February 2025*

Options: Coil corrosion protection, Water cooled versions

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