



Proven Solutions.
Cooling | Heating
Sustainable. Efficient.



CO₂

CO₂ transcritical
refrigeration concept
for small stores
and extensions



New:

- Larger receiver available
- Online CO₂ and oil charge estimation tool



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 service



Suction filter,
Electrical protection
for consumers



Connect to BMS
via modbus RS485





The CO₂Y range is split into 7 sizes and 14 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			
CO2Y MT30 ACO 4 AC MX	0,8	3,2	29	1	230/1/50 +N+G	13,4	10A 230/1/50 +N	2			2 x 2,2 cat I		112
CO2Y MT30 ACO 6 AC MX *											3 x 2,2 cat I		116
CO2Y 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
CO2Y MT30 ACO 6 EC MX *											3 x 2,2 cat I	1200 x 390 x 1058	121
CO2Y MT45 ACO 4 EC MX	1,1	4,5	31	1	230/1/50 +N+G	19,7	10A 230/1/50 +N	2	3/8"	3/8"	2 x 2,2 cat I		117
CO2Y MT45 ACO 6 EC MX *											3 x 2,2 cat I		121
CO2Y 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
CO2Y MT67 ACO 12 EC MX *											12,5 cat II	1200 x 534 x 1196	153
CO2Y 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
CO2Y 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			
CO2Y 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
CO2Y LT75 ACO 6 EC MX *											3 x 2,2 cat I		169
CO2Y LT112 ACO 6 EC MX	2,0	4,6	35	1	400/3/50 +N+ G	17,5	10A 400/3/50 +N	1			3 x 2,2 cat I	1200 x 690 x 1668	210
CO2Y LT112 ACO 12 EC MX									1/2"	3/8"	12,5 cat II	1200 x 774 x 1668	233
CO2Y 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
CO2Y 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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