

PROFROID

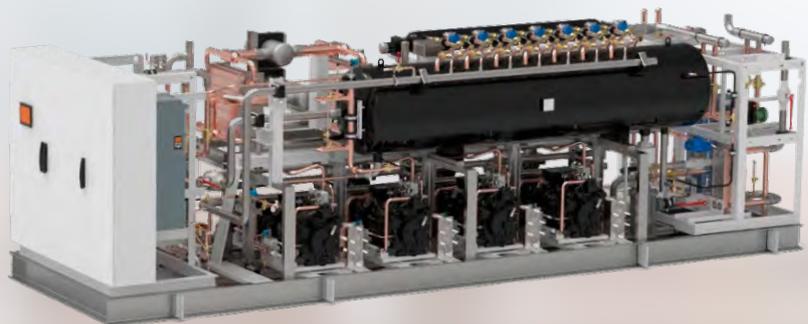
Proven Solutions.
Cooling | Heating
Sustainable. Efficient.

PowerCOOL₂

The new CO₂ concept for industrial cooling, freezing, air conditioning and heating applications.



New S / M sizes



-  AC / MT and LT chiller
-  Pure LT applications
-  Pure heat pump application up to 90°C
-  3 levels of heat in one unit
-  Reduced foot print on S/M
-  Large receiver size (500 to 2600 L)
-  High efficiency
-  Semi flooded mode
-  80 bar stand still pressure
-  Simple / intuitive touch screen / PLC controlled
-  Connect to BMS, smartphone, web server, and more
-  Easy service with Lift & shift

Brochures available here:



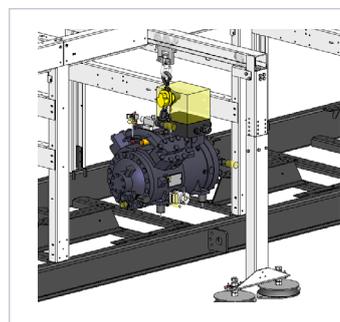
-  **300–1900 kW** AC cooling capacity
-  **200–1500 kW** MT cooling capacity
-  **100–700 kW** LT cooling capacity
-  **400–2200 kW** heating capacity

PowerCO₂OL

The PowerCO₂OL™ range is split into 3 platforms gathering multiple compressors / heat exchanger configurations and options to best suit your needs.

Configurations	PowerCO ₂ OL™ S	PowerCO ₂ OL™ M	PowerCO ₂ OL™ L
AC cooling capacity (KW)	300–700	500–1,200	400–1,900
MT cooling capacity (kW)	200–500	500–800	300–1,500
LT cooling capacity (KW)	NA	NA	100–700
Heating capacity (kW)	900	1,400	2,200
Width (mm)	1,000	1,200	2,100
Length (mm)	5200/6145	7,995	6,500 / 7,400 / 8,400 / 9,300
Height (mm)	2,200	2,200	2,200
Recip. Compressor #	3–5	3–5	4–12

Indicative value: Capacity will vary according to water temperatures of your project



Patented lift and shift

Quick & Easy Service

- Compressor Change within 30 minutes by 1 person
- Reduced maintenance cost
- Small service space required
- Load up to 500kg

Main options:

- Outdoor housing with sound proofing
- Indoor sound proofing for all versions
- Hydraulic pumps control
- Modbus RS485/RTU, TCP communication
- Electrical energy measurement for compressor
- Electrical energy measurement for pumps
- Inverter drive on compressor N°2
- Smart control for several units in parallel
- Other options on request

Proven Solutions.
Cooling | Heating
Sustainable. Efficient.

More than
20 000
units produced

QuietCO₂OL

Small stores, extensions

QuietCO₂OL MC

Convenience stores

MiniCO₂OL

Supermarkets

PowerCO₂OL L

Industrial processes,
large warehouses

PowerCO₂OL S/M

Warehouses,
food processes

MaxiCO₂OL

Hypermarkets



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