

# PROFROID

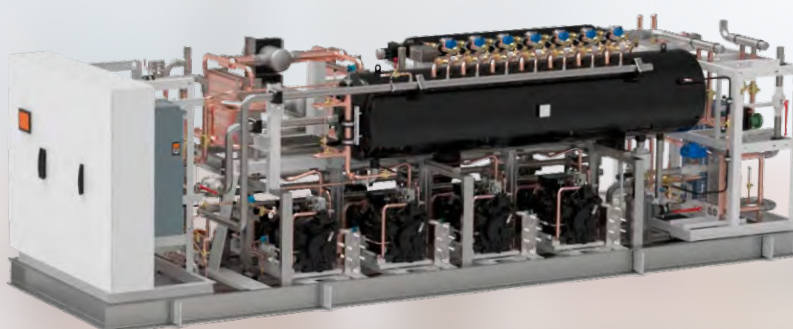
Proven Solutions.  
**Cooling | Heating**  
Sustainable. Efficient.

## PowerCOOL<sub>2</sub>

The new CO<sub>2</sub> 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



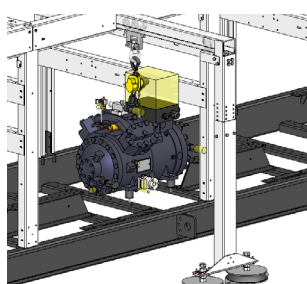
**400–2200 kW** heating capacity

# PowerCOOL<sub>2</sub>

The PowerCO<sub>2</sub>OL™ range is split into 3 platforms gathering multiple compressors / heat exchanger configurations and options to best suit your needs.

Configurations	PowerCO <sub>2</sub> OL™ S	PowerCO <sub>2</sub> OL™ M	PowerCO <sub>2</sub> 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<sub>2</sub>**  
units produced

**PowerCOOL<sub>2</sub> L**  
Industrial processes,  
large warehouses

**PowerCOOL<sub>2</sub> S/M**  
Warehouses,  
food processes

**MaxiCOOL<sub>2</sub>**  
Hypermarkets

**QuietCOOL<sub>2</sub>**  
Small stores, extensions

**QuietCOOL<sub>2</sub> MC**  
Convenience stores

**MiniCOOL<sub>2</sub>**  
Supermarkets



**PROFROID**

Profroid reserves the right to change certain information and specifications contained in this document at any time and without prior notice. Since standards, specifications and designs are subject to occasional change, please ask for confirmation of the information given in this publication

[www.profroid.com](http://www.profroid.com)

