

PROFROID

Energy optimization solutions



COOLtec[®] EB

CO₂ Efficiency Booster Skid



Up to 10% energy savings



Sizes available to cover all capacities



Very compact: < 1 m² footprint



From 1 to 3 years pay back time



Add-on module with existing racks *



Easy to connect on site



Increased cooling capacity 5 to 15%



Compatible with multiple controllers



60 bar stand still pressure design

Brochures available here:



20–540 kW MT cooling capacity



3–200 kW LT cooling capacity

*Contact our sales team for compatibility check

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Add-on module to boost energy efficiency and reduce electrical consumption up to 10% of CO₂ traditional booster systems (with and without eco compressor). Cabinets and cold room evaporators can run in optimized semi-flooded mode, increasing efficiency and reducing defrost time.

MT MODULE	Cooling capacity*		Dimensions (mm)	Weight (kg)	Suction line connection
	Min (kW)	Max (kW)			
CEB KIT MT 50	20	70	700 x 880 x 1380	139	1"1/8
CEB KIT MT 80	70	115	700 x 880 x 1392	218	1"3/8
CEB KIT MT 100	115	170	700 x 900 x 1660	235	1"5/8
CEB KIT MT 170	170	540	700 x 966 x 1972	328	2"1/8

* @ -5°C / 38°C / 94 bar. Contact our sales team for selection

LT MODULE	Cooling capacity*		Dimensions (mm)	Weight (kg)	Suction line connection
	Min (kW)	Max (kW)			
CEB KIT LT 18	3	18	700 x 910 x 1420	99	1"1/8
CEB KIT LT 36	18	45	700 x 910 x 1420	122	1"3/8
CEB KIT LT 99	45	200	700 x 987 x 1609	187	2"1/8

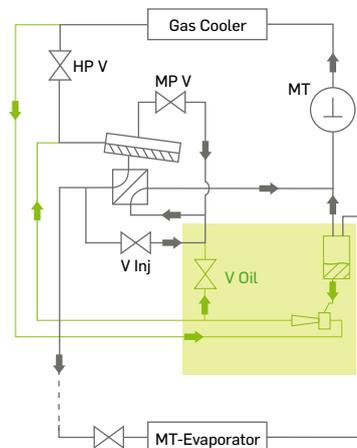
* @ -32°C / -5°C. Contact our sales team for selection

Key features:

- Suction accumulator to prevent liquid from going to compressors
- Liquid ejector to return liquid to main receiver for MT modules.
- Liquid / gas heat exchanger for LT modules
- Liquid levels for control and safety
- Oil return line
- Suction line bypass for easier service
- Bypass for easy maintenance and start up
- Dual safety valves 60 bar for MT and 30 bar for LT ready for connection
- Compatible for Danfoss & Eckelmann

Options:

- Danfoss or Eckelmann kit for existing racks
- extra cable length to suit all configurations
- 52 or 45 bar (MT) / 25 bar (LT) safety valves to comply with existing rack
- Vapor ejector for rack with eco - compressors



Proven Solutions. Cooling | Heating Sustainable. Efficient.

PowerCOOL L

Industrial heat pumps and processes, large warehouses

QuietCOOL

Small stores, extensions

PowerCOOL S/M

Warehouses, food processes, heat pumps

QuietCOOL MC

Convenience stores, commercial heat pumps

MaxiCOOL

Hypermarkets

MiniCOOL

Supermarkets

All applications

All climates

from 1 kW to 2.2 MW

More than
23 000₂
units produced

