





Energy optimization solutions

# COOLtec<sup>®</sup> EB

## CO<sub>2</sub> Efficiency Booster Skid



 **20–540 kW** MT cooling capacity  
 **3–200 kW** LT cooling capacity



Up to 10%  
energy savings



Sizes available to cover all  
capacities



Very compact:  
< 1 m<sup>2</sup> 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

\*Contact our sales team for compatibility check



Part of the  
Climate Control  
Revolution

Add-on module to boost energy efficiency and reduce electrical consumption up to 10% of CO<sub>2</sub> 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.

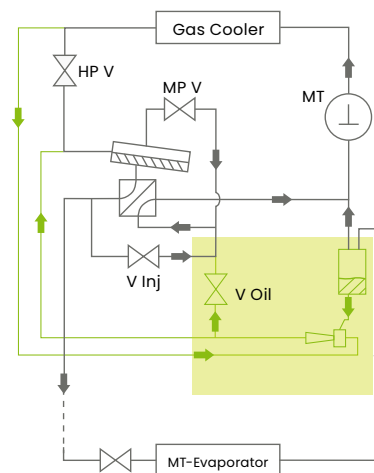
MT MODULE	Cooling capacity*		Dimensions (mm)	Weight (kg)	Suction line connection
	Min (kW)	Max (kW)			
CEB KIT MT 50	20	70	700 x 880 x 1380	155	1"1/8
CEB KIT MT 80	70	115	700 x 880 x 1400	240	1"3/8
CEB KIT MT 80 DUO**	70	115	700 x 950 x 1400	270	1"3/8
CEB KIT MT 100	115	170	700 x 900 x 1660	260	1"5/8
CEB KIT MT 100 DUO**	115	170	700 x 950 x 1660	290	1"5/8
CEB KIT MT 170	170	540	700 x 1020 x 1980	360	1"1/8
CEB KIT MT 170 DUO**	170	540	700 x 1020 x 1980	390	1"1/8

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

\*\* CEB DUO (liquid & vapor ejector) for new rack orders with Danfoss controller

MT MODULE	Cooling capacity*		Dimensions (mm)	Weight (kg)	Suction line connection
	Min (kW)	Max (kW)			
CEB KIT LT 18	20	57	700 x 910 x 1420	100	1"1/8
CEB KIT LT 36	57	86	700 x 910 x 1420	125	1"3/8
CEB KIT LT 99	86	210	700 x 990 x 1610	190	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 retrofit kits 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

## Welcome to the Climate Control Revolution



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