



Energy optimization solutions



COOLtec[®] EB₂

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

COOLtec[®] EB

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

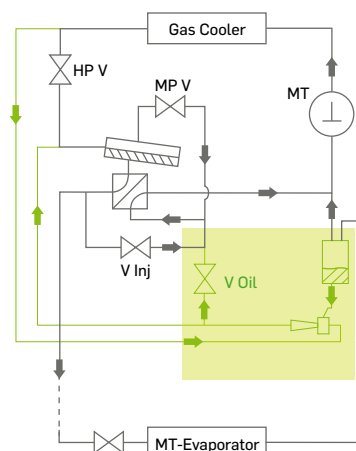
* @ -32°C / -5°C. Contact our sales team for selection

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.



Carrier 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.carrier-refrigeration.com

