



# ELBA

## Refrigeration booster unit

Cooling capacity from 100 kW to 400 kW in **Medium Temperature**  
up to 950 kW for industrial version  
Cooling capacity from 35 kW to 200 kW in **Low temperature**  
up to 500 kW for industrial version



Remote gas cooler



Semihermetic reciprocating compressors



Low Noise



Indoor/Outdoor installation



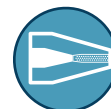
Natural Refrigerant



Inverter technology



Liquid injector  
**enJECTOR**<sup>®</sup>



Vapor injector

The ELBA refrigeration booster unit from ENEX is designed for industrial specifications and is highly customizable, with parallel compression and optional vapor enjector to enhance performance especially at high outdoor ambient temperatures. The ELBA system is ideal for large format retail stores and distribution centres, with up to 6 medium temperature, 2 parallel and 5 low temperature compressors using highly sustainable R744 refrigerant. Suitable for indoor or outdoor installation with optional cladding. Chilled water and heat pump functionality can be incorporated to provide an integral refrigeration + HVAC solution.

### FEATURES

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- Industrial specifications
- Shut-off valves on each section
- Stainless steel piping
- Oil separator
- Mechanical backup valves
- Dorin or Bitzer compressors
- Inverter on 1st compressor
- Danfoss or Carel controller (others on request)
- Large liquid receiver with PS 60 bar
- Parallel compression
- Fully customizable

### OPTIONS

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- LSPM Compressors
- UP to 2 x Heat recovery exchangers for Space Heating or/ and DHW application
- Double electronic valves/Double control
- Double mechanical valves
- Backup cooling unit
- Ducting of relief valves
- High level sensor
- Enex exclusive Liquid Enjector® module / Vapour Enjector
- Mechanical subcooler
- Liquid subcooler
- Cladding for indoor/outdoor
- CO<sub>2</sub> evaporator inside cladding
- Unit in 3 pieces
- Detachable electrical panel
- Heat pump function
- Flooded evaporator for chilled water
- Liquid receiver with PS 80 bar
- Pressure rating HP side PS=130 bar with extended envelope

### APPLICATION



Food retail



Food storage



Food processing



Industry