

SMART RACK

THE PERFECT COMPACT CO₂ UNIT FOR RETAIL UP TO 1500M²

The Tewis compact CO₂ unit that **best meets retail needs**. Its optimized design and dimensions make **installation and maintenance easier**. Its features ensure high performance and significant **energy savings for medium-sized supermarkets** and small industrial applications.

COOLING POWER: 40 to 130 kW (MT) / 0 to 28 kW (LT)

APPLICATIONS: 400 to 1.500 m². MT / LT

RETAIL

- » **FOOD RETAIL (convenience store)**
- » **SUPERMARKETS**
- » **COLD STORAGE WAREHOUSES**
- » **WORK ROOMS**
- » **INDUSTRIAL APPLICATIONS**

- ✓ Profitability and Energy Savings.
- ✓ 100% CO₂ = minimal environmental footprint.
- ✓ Compact and simple design, only 84 cm wide.
- ✓ Up to 6 compressors and 160 l. liquid receiver.
- ✓ K65 copper connections.
- ✓ Wide range of optional features available.
- ✓ Remote control (accessible from anywhere).
- ✓ Ease of commissioning and maintenance.



STANDARD EQUIPMENT

- Tubular chassis.
- Oil separator and accumulator. liquid receiver of 160 l.
- Up to 6 compressors.
- Frequency inverter for the first MT compressor (standard in LT).
- Electronic refrigerant level sensors.
- All connections made of copper.
- Manometers

COMPRESSORS

- BITZER Standard.
- Bitzer Eco-Line.
- Bitzer ME –High standstill pressures–.

AVAILABLE OPTIONS

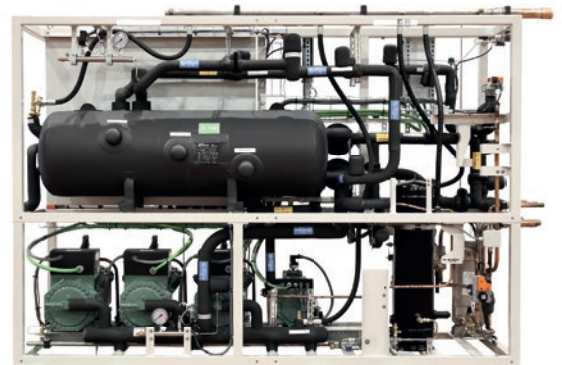
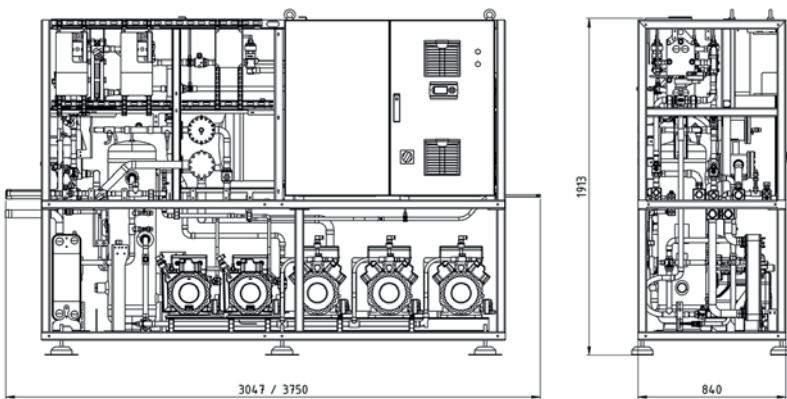
- Parallel compressor
- RHX (Heat Recovery Exchanger)
- IHX (Internal Heat Exchanger)
- Dual bypass valves for gas and high pressure
- Emergency unit (supplied)
- Desuperheater (supplied)
- 10" touchscreen TMS (Tewis Machine Supervisor)
- Enclosure

AVAILABLE OPTIONS

- MP (MT Suction): 52 bar.
- LP (LT Suction): 30 bar.
- IP (Receiver and Liquid Line): 60 bar.
- HP (Discharge): 130 bar.

AVAILABLE DRIVERS

- Tewis.
- Danfoss.
- Carel.
- Wurm.



With compact dimensions and a width of 84 cm, the Smart Rack is the most comprehensive option for supermarkets undergoing retrofits, increasing the sales floor possibilities. Additionally, its design allows easy access to all machine components, significantly reducing installation and maintenance times and costs

