

SMART RACK

THE COMPACT CENTRAL UNIT THAT BEST ADAPTS TO RETAIL REQUIREMENTS

- **Applications:** from 400 to 1500 m²
- **Cooling Powers:** 40 to 130 kW (MT) / 0 to 28 kW (LT)



Up to 1,500 m² and 130 kW with equipment fully optimised for commercial retail

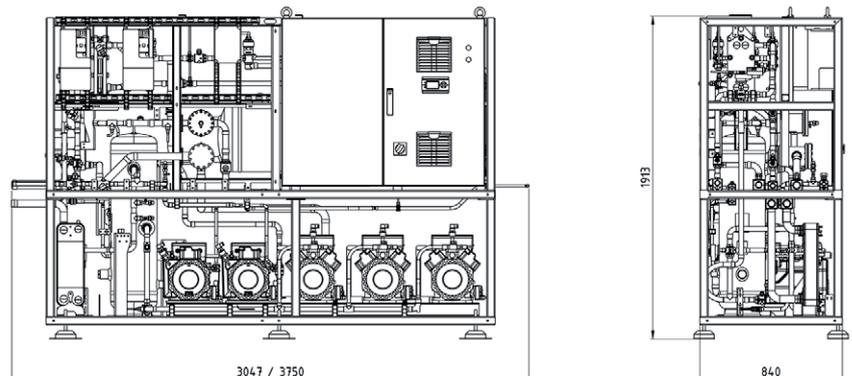
The Tewis **compact CO2 unit that best meets retail needs**. Its optimized design and dimensions make installation and maintenance easier. Its features ensure high performance and **significant energy savings for medium-sized supermarkets and small industrial applications**.

Applications

- Food retail (convenience stores).
- Supermarkets
- Cold storage. Warehouses.
- Work rooms.
- Industrial applications

Benefits

- 1] Ensures profitability and energy savings.
- 2] Ease of commissioning and maintenance, with full accessibility.
- 3] Incorporates up to 6 compressors.
- 4] K65 copper connections.
- 5] Remote control (accessible from anywhere).
- 6] Wide range of available options, adapting to most retail needs.
- 7] Compact design: 84 cm wide.
- 8] 160 litre liquid receiver



Our Smart Rack can be enclosed and soundproofed for outdoor use, expanding the options available in the sales area.



> Standard Equipment

- Tubular chassis
- Oil separator accumulator
- 160 litre liquid receiver
- Up to 6 compressors
- Frequency inverter for the first MT compressor (standard in LT).
- All connections in K65 copper
- Electronic refrigerant level sensors
- Manometers

> 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)
- Gas cooler bypass
- Enclosure

> Compressors

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

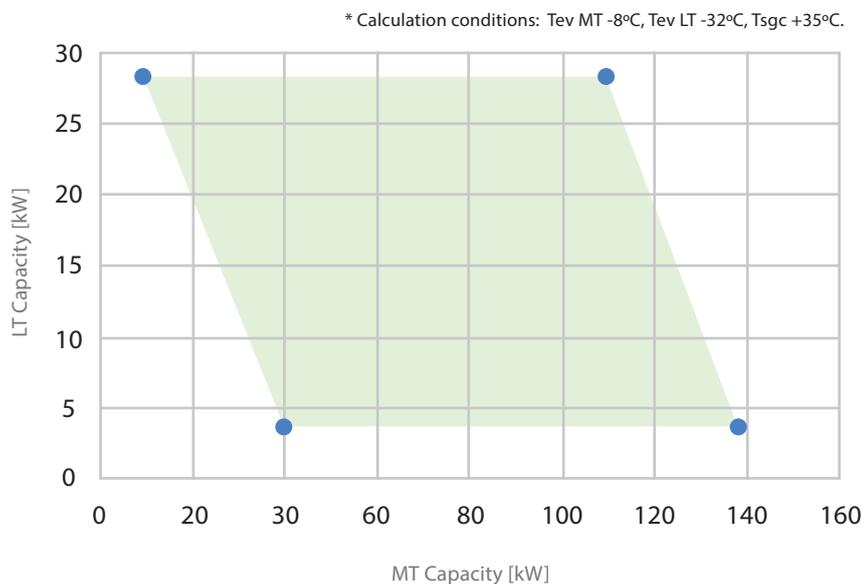


> Design Pressures

- 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 its compact, user-friendly design of just 84 cm in width and full equipment, Smart Rack is the most complete choice for new-build and retrofit supermarkets.