

SMART RACK

C02 COMPACT RACK

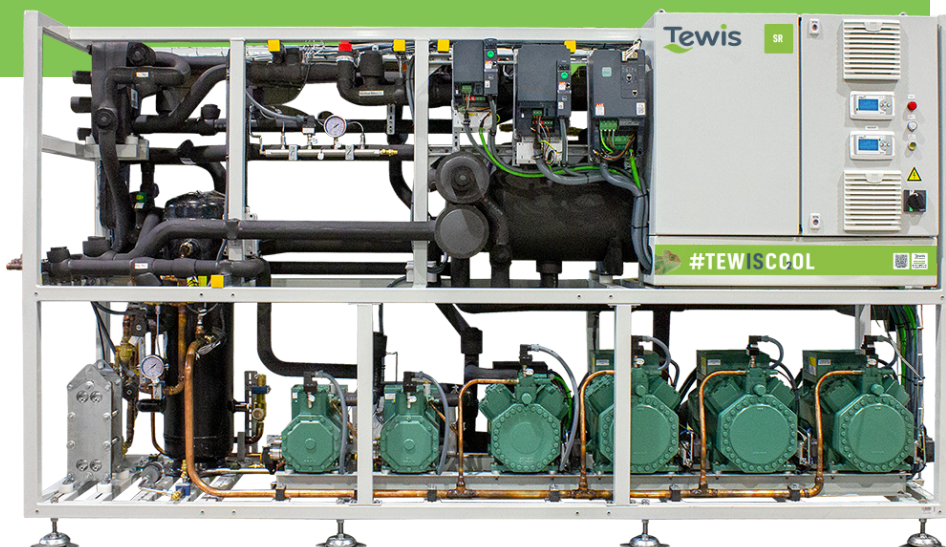
Tewis most flexible and powerful compact unit. Its optimized design and dimensions facilitate installation and maintenance. Profitability and energy savings assured for medium-sized supermarkets and small industrial applications.

- » FOOD RETAIL (CONVENIENCE STORES).
- » SUPERMARKETS.
- » REFRIGERATED WAREHOUSES.
- » WORKING ROOMS
- » SEMI-INDUSTRIAL APPLICATIONS

POTENCIA FRIGORÍFICA: 40 A 140 KW

APLICACIÓN: 400 A 1.500 M2

- ✓ Profitability and energy savings.
- ✓ 100% CO2 = low environmental impact.
- ✓ Compact and simple design.
- ✓ Up to 6 compressors.
- ✓ Copper connections.
- ✓ Extreme flexibility
- ✓ Remote control (accessible anywhere)
- ✓ Easy commissioning and maintenance.



STANDARD EQUIPMENT

- Tubular chassis
- Oil separator accumulator.
- 80 /120 / 160L liquid receiver.
- Up to 6 compressors.
- Frequency inverter for MT.
- Two electronic sensors for refrigerant levels.
- All copper connections.

OPTIONS

- Parallel compressor .
- RHX (Recovery Heat Exchanger).
- IHX (Intenal Heat Exchanger).
- Double high pressure and gas bypass valves.
- Emergency unit on board.
- Desuperheater on board.
- Inverter LT.
- 10" touchpad TMS (Tewis Machine Supervisor).

DESIGN PRESSURES C02

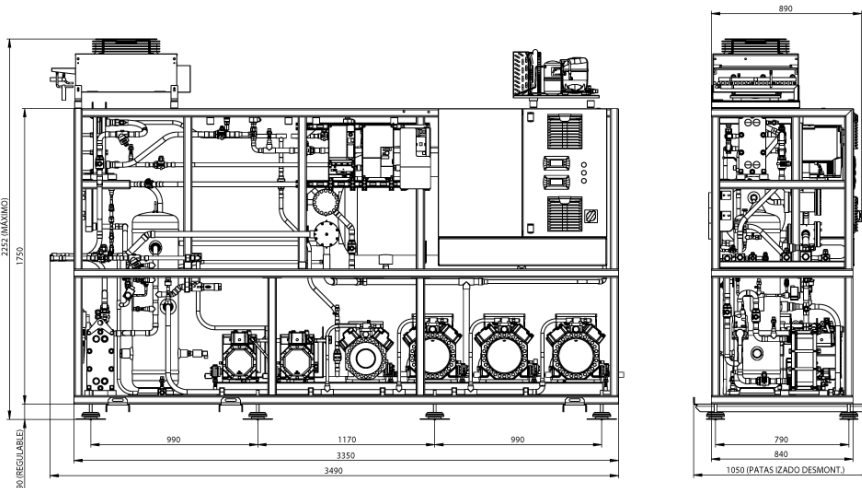
- MP (MT suction): 52 bar.
- LP (LT suction): 30 bar.
- IP (Receiver and liquid line): 70 bar.
- HP (Discharge): 120 bar.

CONTROLLERS

- Tewis (EWCM9000pro)
- Danfoss (AK-PC772)
- Carel (pRack PR300T Medium)

COMPRESSORS

- BITZER.
- DORIN (soon available)



With its reduced dimensions and a width of 79cm, Smart Rack is the most complete solution for retrofit supermarkets, gaining space for the sales floors.

Its design allows easy access to all the components of the unit, reducing installation and maintenance time and costs.

MODELS & DATA

| BASE CODE | APPLICATION | CAPAC. KW MT* 70 HZ | CAPAC. KW LT* 70 HZ | MT COMPRESSORS | PARALLEL COMPR. | LT COMPRESSORS |
|---------------|-------------|---------------------|---------------------|------------------------------------|---------------------|------------------------------------|
| GSR2FJ_093YBX | MT | 94,9 | — | 1 x 4JTE-15K (V.F.) + 2 x 4JTC-15K | 1 x 4MTE-10K | — |
| GSR2FJ_041YBX | MT | 114,67 | — | 1 x 4HTE-20K (V.F.) + 1 x 4FTC-20K | 1 x 4JTE-15K | — |
| TSR2EJ_585XBX | MT+LT | 36,84 | 5,79 | 1 x 4JTE-15K (V.F.) + 1 x 4JTC-15K | — | 1 x 2KSL-1K |
| TSR2FJ_092XBX | MT+LT | 62,7 | 6,48 | 1 x 4HTE-20K (V.F.) + 1 x 4FTC-20K | — | 1 x 2KSL-1K |
| TSR2FJ_086YBX | MT+LT | 75,26 | 6,48 | 1 x 4HTE-20K (V.F.) + 2 x 4HTC-20K | — | 1 x 2KSL-1K |
| TSR2FJ_089YBX | MT+LT | 81,48 | 6,48 | 1 x 4HTE-20K (V.F.) + 1 x 4HTC-20K | 1 x 4MTE-10K | 1 x 2KSL-1K |
| TSR2FJ_439YBX | MT+LT | 70,61 | 11,10 | 1 x 4HTE-20K (V.F.) + 1 x 4HTC-20K | — | 1 x 2KSL-1K + 1 x 2KSL-1K |
| TSR2FJ_090YBX | MT+LT | 37,97 | 12,7 | 1 x 4JTE-15K (V.F.) + 1 x 4HTC-20K | 1 x 4MTE-10K | 1 x 2GSL-3K |
| TSR2FJ_490YBX | MT+LT | 62,01 | 14,16 | 1 x 4JTE-15K (V.F.) + 1 x 4JTC-15K | 1 x 4MTE-10K | 1 x 2JSL-2K + 1 x 2JSL-2K |
| TSR2FJ_489YBX | MT+LT | 73,76 | 14,16 | 1 x 4HTE-20K (V.F.) + 1 x 4HTC-20K | 1 x 4MTE-10K | 1 x 2JSL-2K + 1 x 2JSL-2K |
| TSR2EJ_112XBX | MT+LT | 20,47 | 18,5 | 1 x 4JTE-15K (V.F.) + 1 x 4JTC-15K | — | 1 x 2HSL-3K + 1 x 2HSL-3K |
| TSR2FJ_128XBX | MT+LT | 50,81 | 18,33 | 1 x 4HTE-20K (V.F.) + 1 x 4FTC-20K | — | 1 x 2HSL-3K + 1 x 2HSL-3K |
| TSR2FJ_128XBX | MT+LT | 80,75 | 18,5 | 1 x 4HTE-20K (V.F.) + 2 x 4FTC-20K | — | 2 x 2HSL-3K |
| TSR2EJ_893XBX | MT+LT | 22,5 | 21,06 | 1 x 4JTE-15K (V.F.) + 1 x 4HTC-20K | — | 1 x 2GSL-3K + 1 x 2GSL-3K |
| TSR2FJ_193YBX | MT+LT | 82,91 | 21,77 | 1 x 4HTE-20K (V.F.) + 2 x 4FTC-20K | — | 1 x 2GSL-3K + 1 x 2GSL-3K |
| TSR2EJ_895XBX | MT+LT | 22,81 | 28,07 | 1 x 4HTE-20K (V.F.) + 1 x 4HTC-20K | — | 1 x 2FSL-4K + 1 x 2FSL-4K |
| TSR2FJ_444YBX | MT+LT | 46,80 | 27,82 | 1 x 4JTE-15K (V.F.) + 2 x 4HTC-20K | — | 1 x 2FSL-4K + 1 x 2FSL-4K |
| TSR2FJ_088YBX | MT+LT | 76,79 | 27,82 | 1 x 4HTE-20K (V.F.) + 2 x 4FTC-20K | — | 1 x 2FSL-4K + 1 x 2FSL-4K |
| TSR2GJ_001ZBX | MT+LT | 66,43 | 6,68 | 1 x 4MTE-10K (V.F.) + 2 x 4MTE-10K | 1 x 4MTE-10K (V.F.) | 1 x 2MSL-07K (V.F.) + 1 x 2MSL-07K |
| TSR2GJ_002ZBX | MT+LT | 72,40 | 11,10 | 1 x 4MTE-10K (V.F.) + 2 x 4KTE-10K | 1 x 4MTE-10K (V.F.) | 1 x 2KSL-1K (V.F.) + 1 x 2KSL-1K |
| TSR2GJ_003ZBX | MT+LT | 106,38 | 14,16 | 1 x 4JTE-15K (V.F.) + 2 x 4HTE-15K | 1 x 4JTE-15K (V.F.) | 1 x 2JSL-2K (V.F.) + 1 x 2JSL-2K |
| TSR2GJ_004ZBX | MT+LT | 118,19 | 21,77 | 1 x 4HTE-20K (V.F.) + 2 x 4HTE-15K | 1 x 4HTE-20K (V.F.) | 1 x 2GSL-3K (V.F.) + 1 x 2GSL-3K |
| TSR2GJ_995YBX | MT+LT | 70,00 | 25,00 | 1 x 4JTE-15K (V.F.) + 2 x 4HTE-20K | 1 x 4MTE-10K (V.F.) | 1 x 2FSL-4K (V.F.) + 1 x 2FSL-4K |
| TSR2GJ_005ZBX | MT+LT | 134,08 | 27,82 | 1 x 4HTE-20K (V.F.) + 2 x 4FTC-20K | 1 x 4HTE-20K (V.F.) | 1 x 2FSL-4K (V.F.) + 1 x 2FSL-4K |

*Calculation conditions: Tev MT -8°C, Tev LT -32°C, Tsgc +35°C.

