



## SENNA Xtra Smart

CO<sub>2</sub> transcritical booster for medium and large retail stores

Nominal cooling capacity from 50 kW to 400 kW in **Medium Temperature**  
Nominal cooling capacity from 4 kW to 200 kW in **Low Temperature**



Remote  
gas cooler



Semihermetic  
reciprocating  
compressors



Low  
Noise



Indoor/  
Outdoor  
installation



Natural  
Refrigerant



Inverter  
technology



Vapor ejector



Liquid ejector  
**enJECTOR®**

The SENNA Xtra Smart refrigeration booster offers excellent value-for-money in medium and large format retail stores, while retaining the well-known Enx quality and reliability, using highly sustainable R744 refrigerant. Thanks to its narrow width (850mm up to 200kW), it is ideal in retrofit applications. With up to 6 medium temperature and 5 low temperature compressors, the unit can be configured with several efficiency enhancing solutions, such as parallel compression, liquid and vapor ejectors and permanent magnet compressors. Suitable for indoor or outdoor installation with optional cladding, it can be also delivered as a plug & play monoblock unit, mounted on a skid with an integral gas cooler and complete with refrigerant piping and electrical connections.

## FEATURES

### Robustness

- Strong sheetmetal frame

### Compactness

- 850 mm width (up to 200 kW)
- 2000 mm height (without cladding)

### High reliability

- Two decades of experience
- Double electronic valves
- Emergency cooling unit
- Internal LT suction/liquid and Flash/gas cooler outlet HX
- All cold vessels insulated with 3-layer protection
- Industrial type pipe clamps
- PAG oil for longer compressor life
- 3 level sensors in suction accumulator with liquid ejector
- Higher service pressure options: 60 bar LT compressors, 80 bar liquid receiver, 130 bar HP

### Efficiency

- Parallel compressors, liquid and vapor ejectors, LSPM compressors

### Flexibility

- Dorin or Bitzer, up to 2 heat recovery HX
- Cladding for outdoor installation and noise reduction
- Wide range of configurations and options

### Ease of installation

- K65 connections, unit in 3 pieces on request

### Ease of service

- Full accessibility, shut-off valves and bypass on main components
- Generously sized oil separator with replaceable cartridge
- Min and max optical liquid level sensors on receiver with isolating valve

## APPLICATION



Food retail



Food storage



Food processing