



SENNA Xtra Smart

Optimized booster rack

Nominal cooling capacity from 50 kW to 400 kW in **Medium Temperature**
Nominal cooling capacity from 8 kW to 150 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 (800mm 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

- 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

- 2 Heat recovery exchangers for Space Heating or/and DHW applications;
- Second stepper HPV + MPV as back up valves with twin backup controller and sensors operating automatically in case of failure of the main controller;
- Complete ducting of the relief valve discharge;
- LSPM (Line Start Permanent Magnet) compressors;
- Icc max up to 25 kA;
- Liquid ejector with large MT suction Accumulator;
- Liquid subcooler;
- Oil separator by pass;
- Gas cooler by pass;
- Drier Filter by pass;
- CO2 evaporator inside housing to reduce internal superheating;
- Units in 3 pieces (liquid receiver, compressors, electrical panel);
- Detachable electrical panel.

APPLICATION



Food retail



Food storage



Food processing