

ATMOS-P / TB LINE CO2(R744) TRANSCRITICAL BOOSTER SYSTEM



Advantages and highlights

- Eco-friendly refrigeration
- Environmental sustainability
- Energy optimization
- Booster system
- Variable speed on MT/LT/IT
- Low carbon footprint
- High reliability
- Multiejector system
- Parallel compression
- Flash gas bypass system
- Easy access design
- Enclosure for outdoor installation
- Water cooled option
- Heat recovery option
- Remote condenser
- Sound insulation option

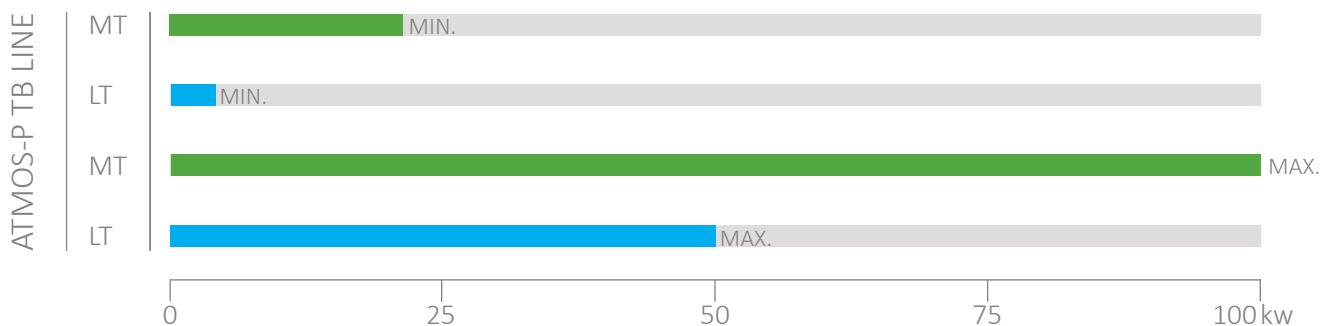
Design

- Semi hermetic type CO2 compressor
- Frequency inverter both MT/LT/IT
- Closed frame
- Full stainless steel piping
- Flash gas bypass valve
- Electronic high pressure valve
- Liquid receiver - 90 bar
- High and low pressure switches
- Heat recovery
- Electrical panel on board
- Filter drier
- Sight glass
- Safety valves
- 400V / 3N / 50 hz

Applications

- Cold rooms
- Supermarkets
- Logistics warehouses
- Food retail
- Process cooling
- Industrial

Capacity Range



* Te : -8 °C / -28 °C, Tgascooler outlet : 35 °C, SH : 10 K, Gas Cooler Pressure : 86 bar (120 bar on high pressure side, 90 bar in receiver)