

STEELX

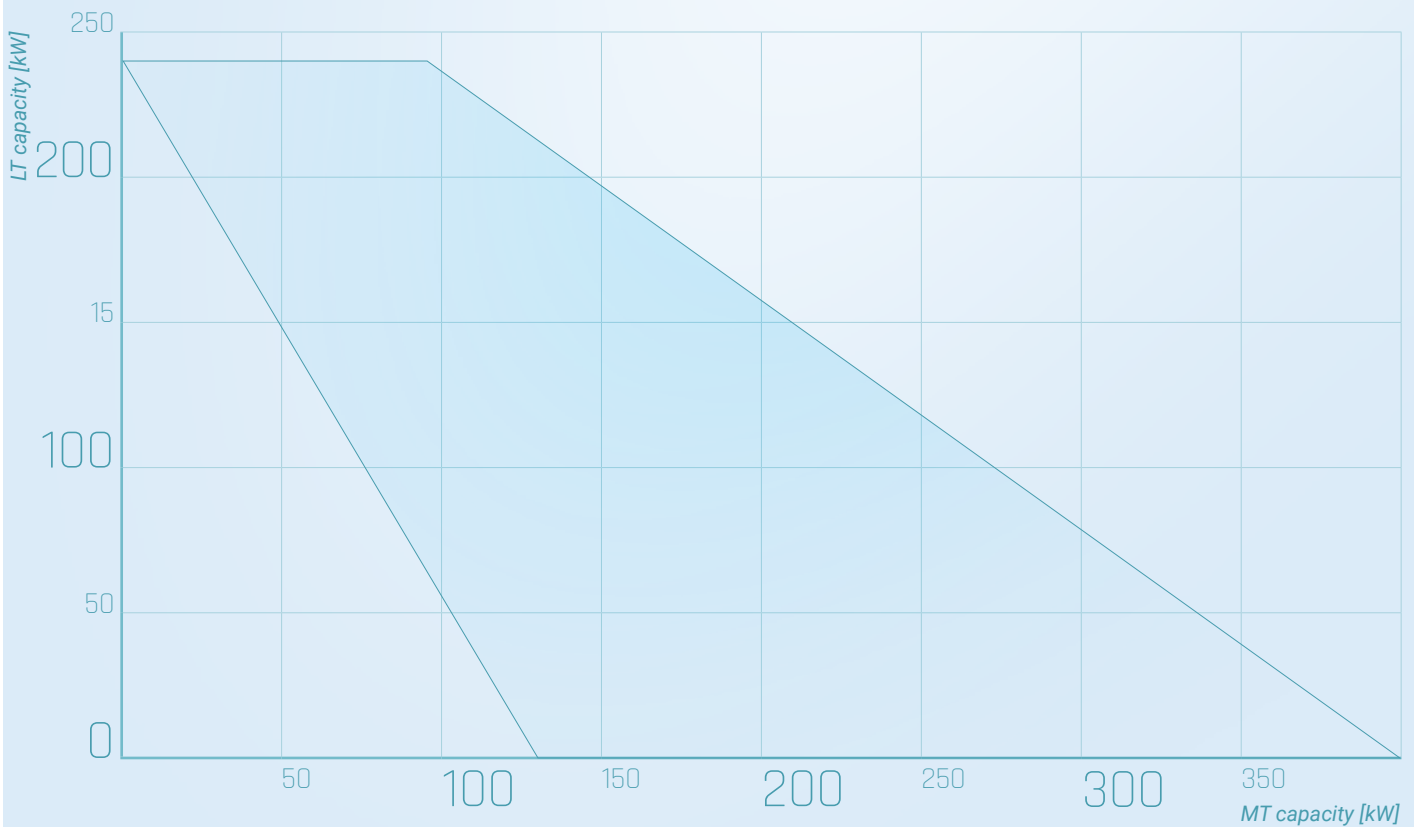
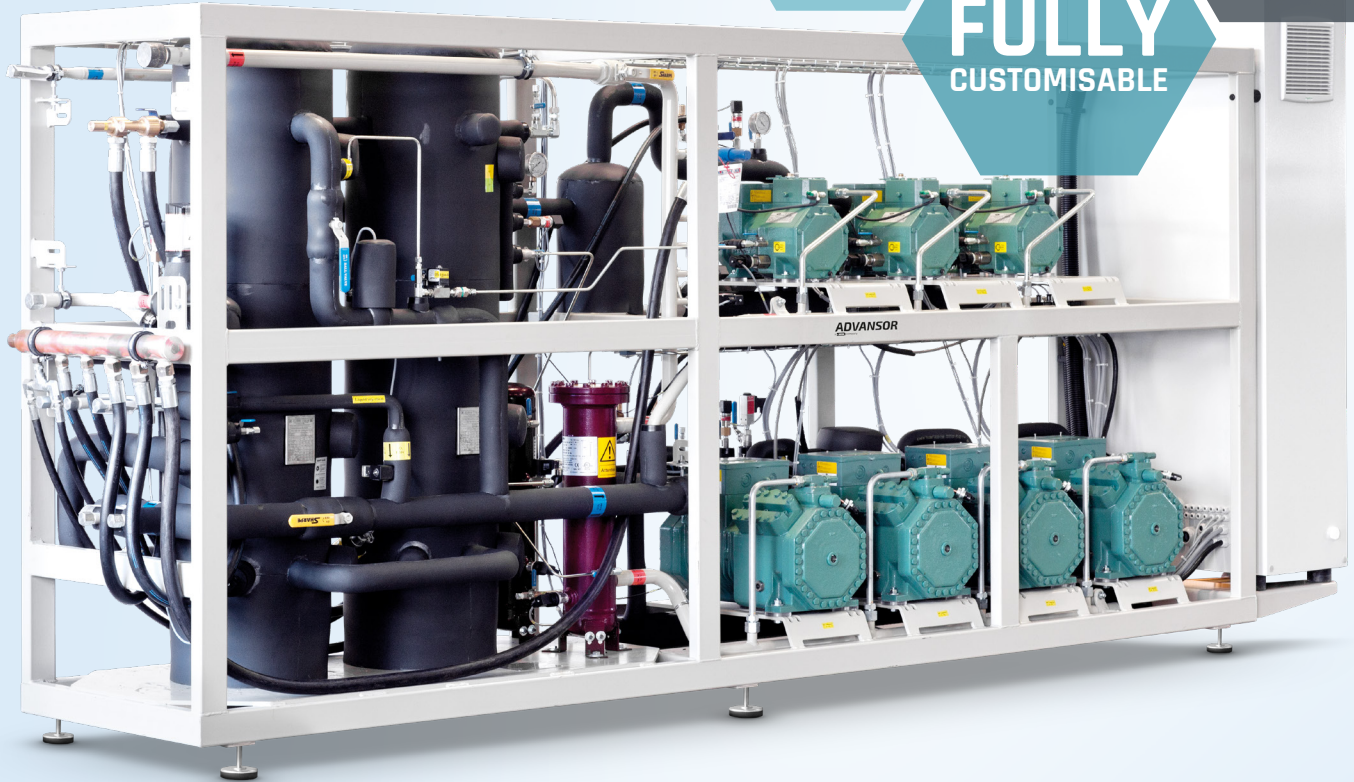
LOW
SERVICE
COST

COIL IN
RECEIVER

PATENTED
TECHNOLOGY

SOLID
WELDED
FRAME

FULLY
CUSTOMISABLE



MODELS AVAILABLE

MT (IT) Compressors	2-6
LT Compressors	1-5
Max Capacity MT [kW]*	420
Max Capacity LT [kW]*	240
Receiver Volume [L]	130-340
Electrical Connection	3x400V (TN-S system)
Height [mm]	2,200
Width [mm]	800
Length [mm]	4,000-7,500
Weight [kg]	2,000-4,000

*All capacities are calculated at -8°C MT, -30°C LT and 35°C out of the gas cooler

STANDARD EQUIPMENT

LT Suction Accumulator
 Patented Internal Heat Exchanger in Receiver
 Hot Gas Dump
 Liquid Injection
 Filter Drier
 CO₂ Low Level Switch
 Discharge Manifold Connected to Safety Valves
 Frequency Inverter on MT1

CONTROLLERS AVAILABLE

Danfoss
 Wurm
 Carel
 Eckelmann

STANDARD DESIGN PRESSURES

High Pressure: 130 bar
 Receiver Pressure: 80 bar
 MT Suction Pressure: 52 bar
 LT Suction Pressure: 30 bar

OPTIONS AVAILABLE

Advanced Heat Recovery
 Permanent Magnet Motors
 Ejector Technology
 Enclosure for Low Noise and Outdoor Installation
 CO₂ Liquid Level Measurement
 Gas Cooler Bypass
 Double High Pressure and Gas Bypass Valves
 Back-up Controller
 Double Safety Valves on Switchover Valves
 MT Suction Accumulator
 60 Bar Suction Side
 Energy Meter
 Heat Pump Evaporator Function
 Multiple Suction Groups
 Subcooler
 Liquid Subcooler
 Hot Gas Defrost
 Insulated Hot Surfaces
 Chiller Module
 Pump Module
 Ultra Low Superheat Module
 Cylinder Unloading Technology
 Emergency Cooling Unit with CO₂
 120 bar high pressure

ISO 9001:2015 certified
Extensive factory tests to ensure fast commission
on both pressure and electrical installations
Documentation and manuals that meet legal
requirements