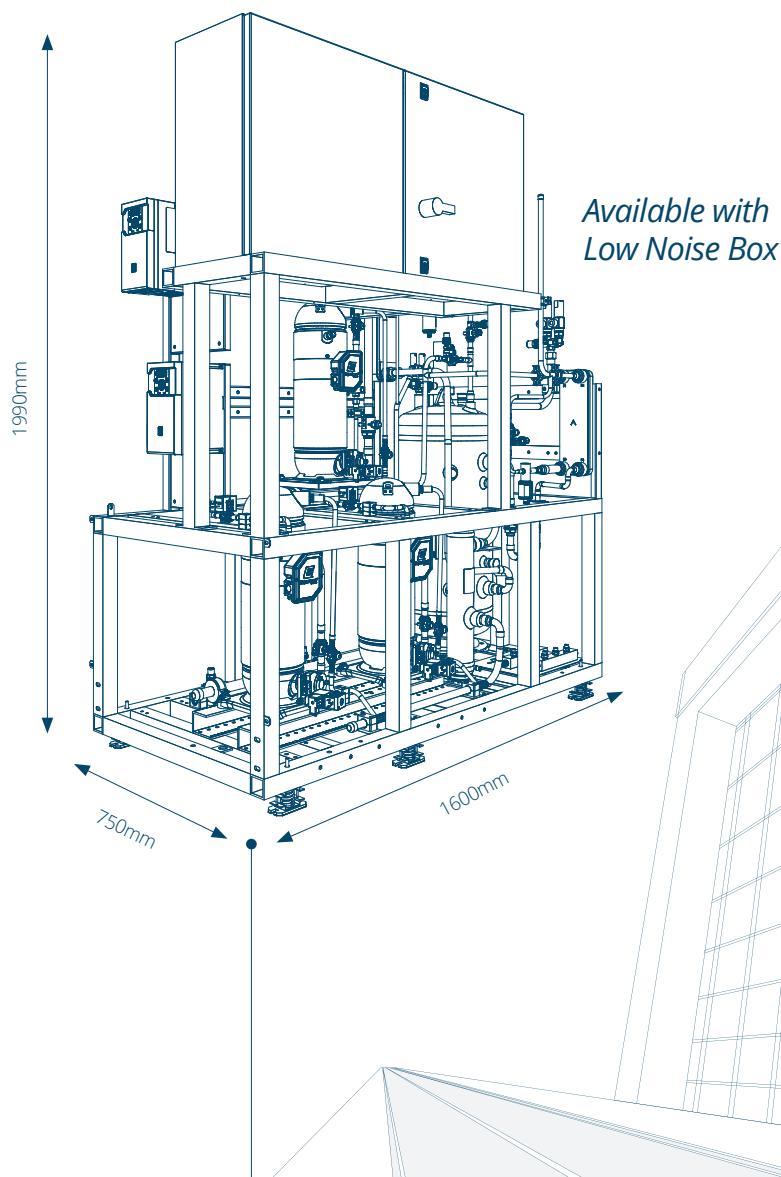




SMART
BOOSTER
SCROLL TECH

Efficiency Up *in all climate*

CO₂, transcritical racks



LOW OPERATING COSTS IN ALL CLIMATES
due to vapor injection technology





Common DATA

Liquid receiver volume [liters]	70
Cooling capacity modulation MT/LT with Inverter	10-100%
Electrical supply [V/ph/Hz]	400/3+N/50
Length (with frontal electrical board) [mm]	1600mm
Width [mm]	750mm
Height (with frontal electrical board) [mm]	1990mm

Optional

Heat Recovery + 3-way Valve

Low noise enclosure (approx. 2564x1350x2240)

Electrical Panel on short side (> see picture)

Standard enclosure for outdoor installation

Energy Meter

Standard EQUIPMENT

Electronic oil level regulator Traxoil each compressor
Replaceable oil filter dryer
Maintenance free oil separator with integrated oil reservoir
Electronic minimum liquid level switch
Sunction Liquid heat exchanger
Dixell controller with Modbus communication
Common discharge manifold for PRV

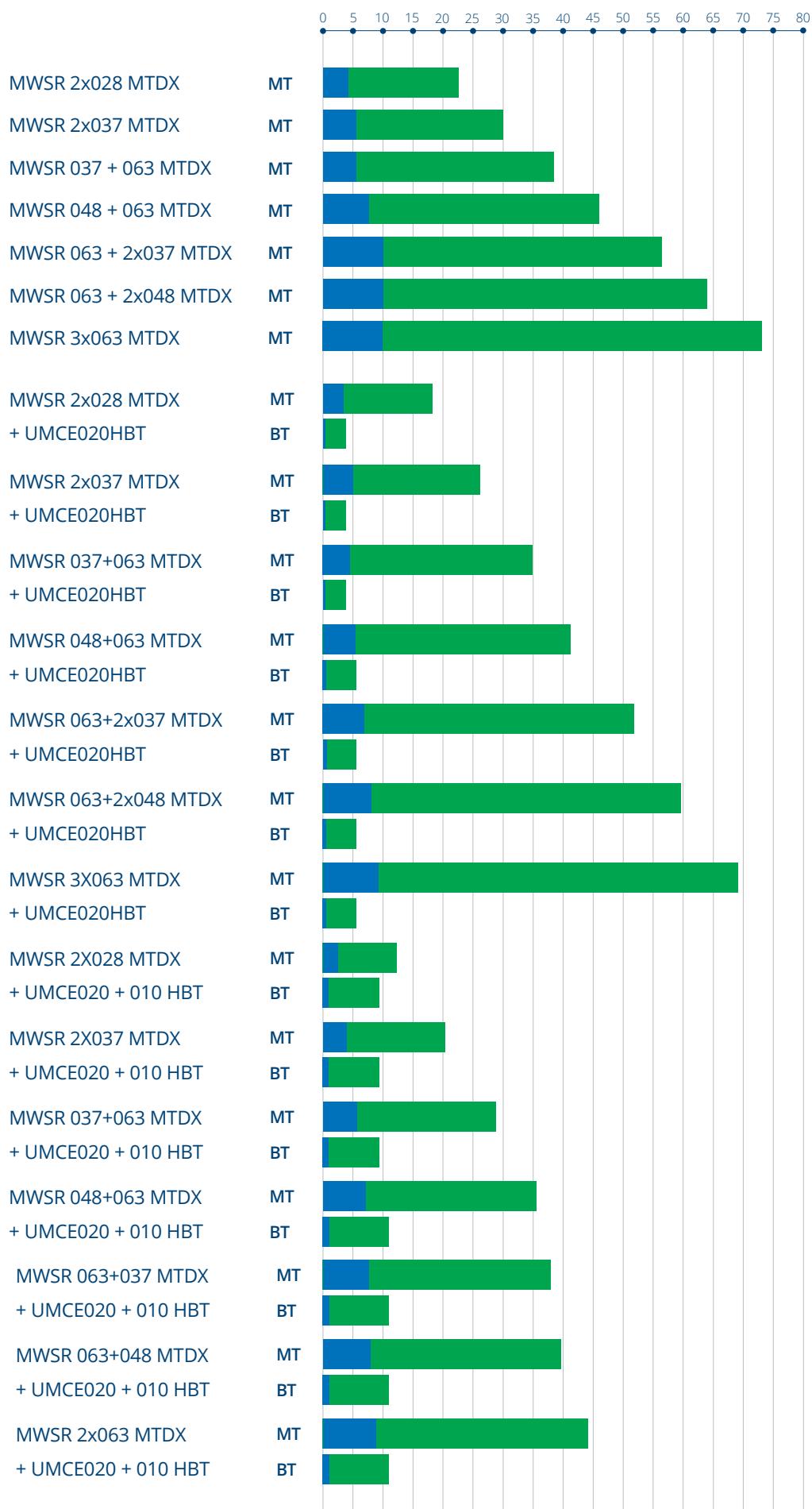
Standard DESIGN PRESSURES

High Pressure: 120 bar

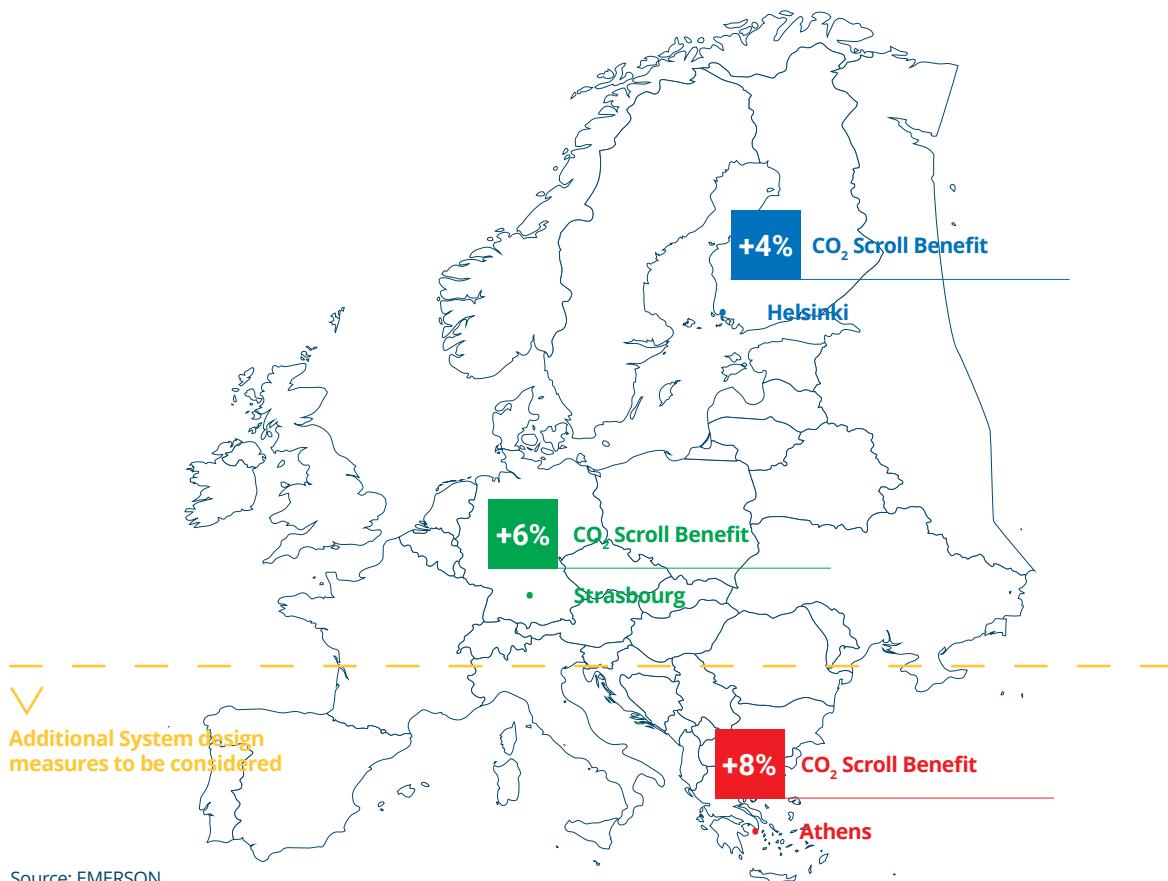
Receiver Pressure: 80 bar

MT Suction Pressure: 60 bar (optional 80bar)

LT Suction Pressure: 60 bar (optional 80bar)



CO₂ Scroll Efficiency Advantage over CO₂ Standard Booster System



Key Benefits

- Reduces system complexity *with significant total life cycle cost savings*
- Low operating costs in all climates *due to vapor injection technology*
- One system design *fits all climates*
- Enables the most compact & light system designs