

# CO<sup>2</sup> Hot Water System

## Specifications

- First Hour Production Over 3500L of hot water in the first hour
- Continuous Hot Water 700l/h – 1100l/h
- Max Temp. 85°C (max 90°C )
- Annual Efficiency COP 3.1 –3.9
- Heat Pump Revere Itomic CHP80Y High-temperature High-efficiency
- Refrigerant Ozone friendly natural R77 CO<sub>2</sub>
- Compressor German made Bitzer
- Cylinders Duplex 2205 stainless steel 1000 Litre with 1" coils
- Power supply 64 Amp 3 Phase 400V
- Circulation Pump Grundfos UPS stainless steel
- Frame Fully Welded marine grade aluminium.
- Pipework 316 Stainless steel
- Reheat Elements 4 x 3 Kw elements
- Back Up Elements 6 x 3 Kw elements
- Cylinder Skid Dimensions 4300L x 1600W x 2650H
- Heat Pump Skid Dimensions 2300L x 1600W x 2650H
- Power Supply 1 x 64 Amp 400 Volt 3-phase plug

