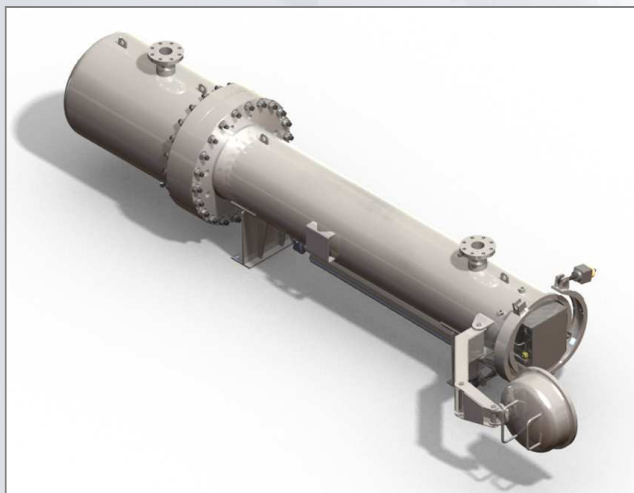


“CMC-EECU-300-6” External Environmental Control Unit



ENVIRONMENTAL CONTROL UNIT

Heater Exchanger
Chiller Exchanger
Temperature and hygrometry sensors

CANISTERS: CO₂ AND IMPURITIES ELIMINATION

Number 3
Content Soda lime
Activated carbon

REGULATION RACK

Location SAT Control room
Temperature and hygrometry regulator With set point calibration
Alarm Visual and audible
Ventilation Control

PERFORMANCE

Heating / cooling temperature regulation +/- 1 °C
Relative humidity ≥ 50%
CO₂ < 0.005 bar

REPLACEMENT OF CANISTERS CONTENT

Safe, easy and quick



REQUIRED SERVICES

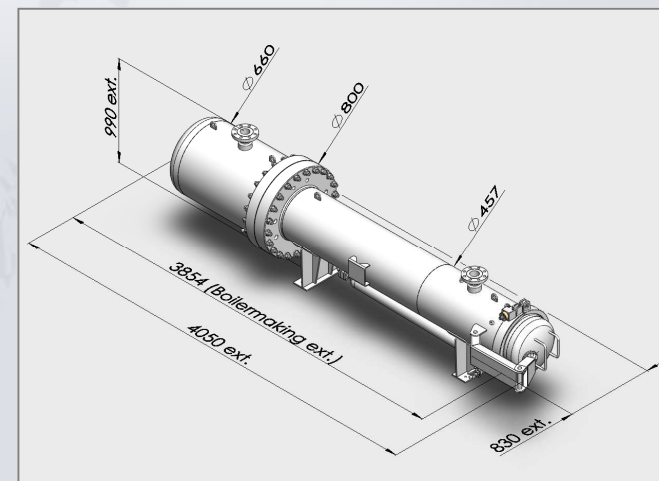
Hot water (> 60 °C) Flow rate = 3 m³ / h - P max. = 5 bar
Cold water (< 5 °C) Flow rate = 3 m³ / h - P max. = 5 bar
Power supply 400 V- 3 - 50 Hz, 7.5 kW
Activated carbon Available for regular replacement
Soda lime Available for regular replacement

MOBILISATION / DEMOBILISATION

Air flow coupling type 3" flange (inlet / outlet)

TRANSPORTATION / STORAGE

Overall dimensions (L x l x h) 4050 x 830 x 990
Weight 1640 kg
Means of lifting lifting lugs



PRESENTATION

Certification DNV
Operating pressure 30 bar
Outer operating temperature -10 °C to +50 °C
Inner operating temperature +25 °C to +35°C
Max. number of divers 6

REGENERATION OF MIXED GAS FOR HYPERBARIC CHAMBER

Control / Monitoring of temperature and relative humidity
Elimination / Monitoring of CO₂
Elimination of odours and impurities

VENTILATION

Circulation output 315 m³/h

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