

“CMC-CGR-300” Chamber Gas Reclaim & Purification System 300 msw



PRESENTATION

Certification - Standard
 Operating depth
 Saturation decompression rate
 Adaptability

DNV - IMCA
 Maxi 300 msw
 > 6 feet/h
 All Diving Systems

CHAMBER GAS RECLAIM CONTAINER

CONTAINER

Dimensions Standard 20 feet
 Insulation A60
 Safety equipment Fire fighting and oxygen analyser

REGULATION & AUTOMATIC SAFETY SWITCH

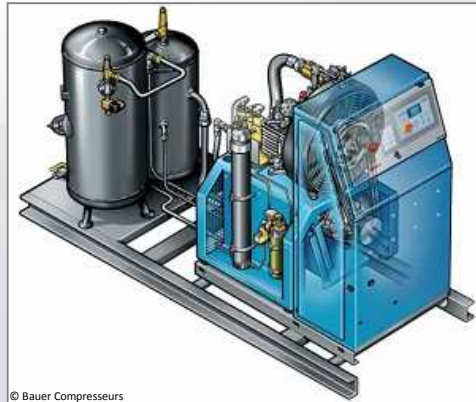
Capacity Max. inlet pressure = 40 bar
 Manual regulation flow rate
 Automatic & Manual safety switch

GAS BAG

Capacity 5 m³ - 5 mbar
 Safety components Relief valve
 Automatic level gauge system

COMPRESSOR

Power supply 400 V - 3 - 50/60 Hz
 Capacity 15 kW – 200 bar
 Particularity Helium unit and DNV certified



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REPROCESSING UNIT

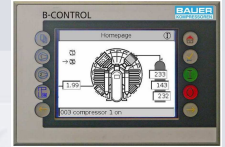
High pressure filtration CO, CO₂, Nox, SO₂

CHAMBER GAS RECLAIM PANEL

Location

SAT Control room

CONTROL / MONITORING COMPRESSOR



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Audible and visual

Alarm reported in Dive Control room

ALARM PANEL



REQUIRED SERVICES

Gas storage on board
 Power supply

Mixed gases
 400 V - 3 - 50/60 Hz, 15 kW
 220 V - 50/60 Hz

Exhaust of chambers

Linked to a manifold for recovery

TRANSPORTATION

Chamber Gas Reclaim container & panel

Simple and standard transportation

MOBILISATION / DEMOBILISATION

Container and panel connections

Quick connectors

MODULATION

Gas booster 15 kW

Possibility provided by the vessel

CMC Industries

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