

ABS CLASSED 1500MM STANDBY DDC IN 20FT CONTAINER



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION



The Synergy ABS-Classed 1500mm Standby Diving Decompression Chamber is engineered for maximum safety, reliability, & operational efficiency in professional diving operations. Designed & certified in full compliance with ASME Sec VIII, the chamber is suitable for marine and offshore environments & delivers dependable performance under demanding conditions.

Equipped with ABS-certified fire detection, suppression, & life-support systems, the chamber ensures enhanced safety, regulatory compliance, & long-term operational reliability. Built inside a DNV SY 2.7-1 20ft container, the system is fully protected and compliant with international regulatory standards.

COMPLIANCE:

- IMCA D023 and D018 compliant certification package included
- FMEA/FMECA for complete system (Optional)
Built and tested to ABS marine class certification society

CONTAINER TYPE:

- Option 1: DNV offshore 20ft container with 1500mm DDC
- Option 2: DNV offshore 20ft container with LP/HP BA cylinder
- Option 3: DNV offshore 20ft container with 1500mm DDC & LP/HP BA cylinder and HP compressor

POWER REQUIREMENT:

- 220V 50/60 Hz 32Amp
- 380-440V 50/60 Hz 32Amp

SPECIFICATION:

DECOMPRESSION CHAMBER:

- Installed in a 20FT DNV Offshore Container for safe & reliable marine & offshore diving operations.

CONTROL PANEL:

- Integrated control panel for safe monitoring and operation of chamber functions.

CHAMBER ENVIRONMENT MONITORING

- Includes O₂ & CO₂ analyzers, individual for main lock & entry lock, along with an ambient atmosphere O₂ analyzer for continuous monitoring.

UPS SYSTEM:

- UPS provided for uninterrupted operation of the chamber control panel, including an integrated charger.

BA SET FOR SUPERVISOR:

- SCBA set provided with 6 Ltr/300 Bar cylinder capacity

CCTV SYSTEM:

- Main Lock CCTV system with 1TB recorder & dedicated monitor for continuous internal monitoring.

PRIMARY & SECONDARY POWER STABILIZER:

- Single-phase servo stabilizer (5 kVA) for protection of sensitive electrical equipment.

FIRE SAFETY:





- Fire alarm system connected to the ship's bridge, fire extinguisher, fire sprinkler system, & dedicated fire alarm panel installed as per Class requirements.

PLUMBING:

- All stainless steel, Tungsten and O₂ cleaned





Call Us

  0044 795 196 6260
  00971 50 564 8178

Email Us

 ram@synergiequipment.com
 info@synergiequipment.com

Visit Us

 Al Qusais Industrial Area 1, Dubai.
 www.synergiequipment.com

ABS CLASSED 1500MM STANDBY DDC IN 20FT CONTAINER







SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION



UAE • UK • INDIA • AZERBAIJAN • SINGAPORE





Call Us

  0044 795 196 6260
  00971 50 564 8178

Email Us

 ram@synergyequipment.com
 info@synergyequipment.com

Visit Us

 Al Qusais Industrial Area 1, Dubai.
 www.synergyequipment.com