

# DNV A60 Offshore Service Modules

## PRESSURISED MODULES FOR HAZARDOUS AREAS



### Certification & Approval

DNV 2.7-1  
BS EN 12079  
DNV 2.7-2  
BS EN 50381  
CSC (Lloyd's)

### External Equipment Protection

HVAC and electrical equipment hook-up points housed within external recess covered with weather protection door.

### Dual Pressurisation Fans

Duty and standby configuration for maximum reliability and peace of mind.

### ISO Casting

Allows for easy, safe securing and stacking.

### ATEX Zone I and II

Safe by pressurisation to allow the module to operate in hazardous areas.

### Fire and Blast Rated

A60 fire rated bulkheads with a blast overpressure rating of 200mbar.

### Dual Air Conditioning

Duty/Standby ACs for maximum reliability, comfort and peace of mind.

The HB Rentals DNV A60 Offshore Service Module represents the pinnacle of safety and work space design. Certified to the latest regulatory codes, it can be used on fixed production and drilling platforms, jackup rigs and semi-submersibles in the most hazardous offshore environments.

### Certifications:

- DNV 2.7-1
- DNV 2.7-2
- BS EN 50381
- CSC (Lloyd's Scheme)

### Compliant:

- MSC (Maritime Safety Committee)/Circ.860
- SOLAS (Fire Rating)

### Certified to Regulations – Designed for Extreme Environments to Enhance Worker Safety

- DNV 2.7-1 certified – Built to withstand harsh, extreme conditions found in marine environments. Structural and lifting components are DNV certified for safer deployment as well as repeated use.
- DNV 2.7-2 certified – Key components include electrical systems, fire and gas detection, heating, ventilation and air conditioning. Optimized for worker safety in hazardous areas.

### Operates in Hazardous Areas

- Certified to ATEX Zone I and II, the Offshore Service Module operates in volatile environments.
- Pressurised Modules – A PLC based control panel for pressurisation and shutdown combined with dual pressurisation fans creates a sealed positive pressure environment.

### Maximize Worker Safety – Focus on HSE

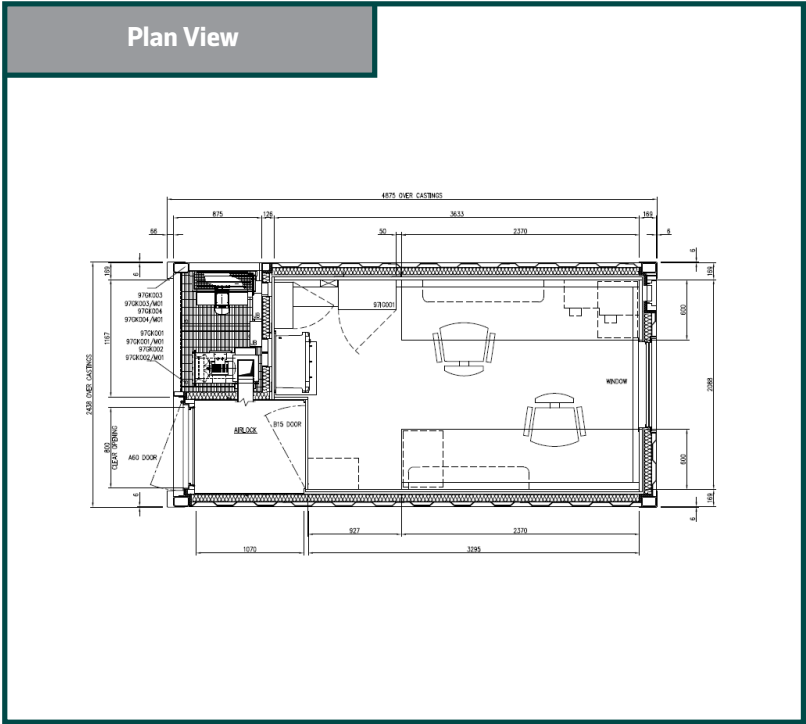
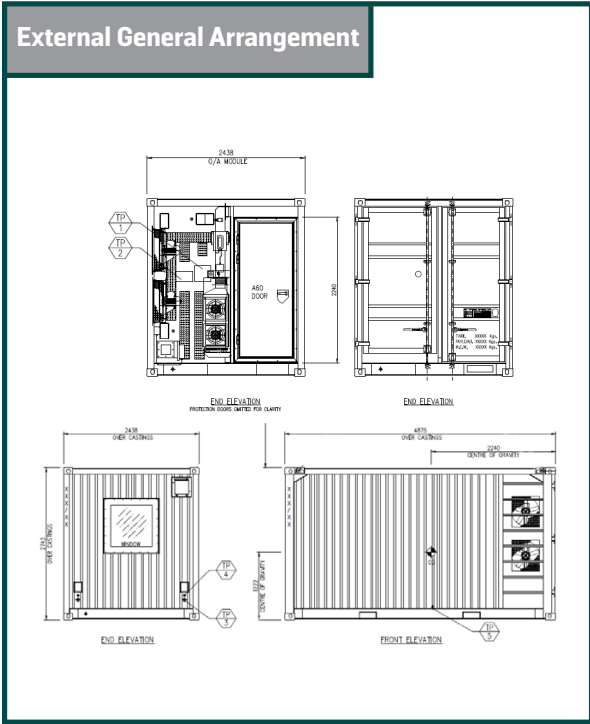
- 200mbar blast-rated modules provide shock and over-pressure resistance in the event of an explosion.
- Equipped with auto electric fire dampers.
- Fire and gas detection combined with fire and gas alarms to host systems.

### Versatile – Built to Serve Multiple Purposes

- 12' x 8', 16' x 8', and 20' x 8' standard floor plans or order a tailor designed module with custom footprint.
- Built around ISO container dimensions – standard connections for stacking and securing – equipped with ISO castings and CSC approved.
- Accepts a wide range of voltages, from 380V to 690V, 50/60Hz, for flexibility in power source options.
- Quick connections to mains power.



- Engineering and Service Applications Include:**
- MWD
  - Laboratories
  - Workshops
  - Mud Logging
  - Testing
  - Equipment Rooms
  - Control Rooms
  - Offices
  - ROV
  - Telecom Rooms



**Dimensions/Weights:**

12' x 8'  
Tare: 3,000 kg  
Payload: 7,000 kg

16' x 8'  
Tare: 6,000 kg  
Payload: 4,000 kg

20' x 8'  
Tare: 7,000 kg  
Payload: 3,000 kg

**Structure:**  
DNV 2.7-1  
BS EN 12079  
Includes Lifting Pad Eyes,  
Slings and Shackles

**Transportation:**

Fitted with ISO Casting  
CSC Approved

**Bulkheads:**  
Fire Rating: A60

**Protection Type:**  
II2G EEX v2IIB+H2 T3

**Fire & Gas:**  
F&G Stand Alone System

**Fire Damper:**  
Electro-Mechanical Actuation

**Certifications:**

DNV 2.7-2  
BS EN 50381

**Zone Classification:**  
ATEX Zone I  
ATEX Zone II

**Protection System:**  
Safe by Pressurisation

**Climate Control:**  
Dual AC Systems

**Power Supply:**

3 Ph + E  
380V to 690V  
50/60Hz

**Design Temperature:**  
-20°C to 50°C

**Compliance:**  
94/9/EC ATEX Directive  
06/42/EC Machinery Directive  
06/95/EC Low Voltage Directive  
04/108/EC EMC Directive

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Middle East  
Mexico  
Trinidad and Tobago  
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