

# Pressurised Modules



ALL OUR PRESSURISED MODULES ARE DESIGNED TO OPTIMISE WORK SPACE EFFICIENCY, TO MEET ENVIRONMENTAL AND ACOUSTIC REQUIREMENTS, AND HOUSE OUR CUSTOMERS' SPECIALIST EQUIPMENT IN COMPLETE SAFETY.

STATE-OF-THE-ART SAFETY MONITORING SYSTEMS ARE INCORPORATED, INCLUDING AN INTEGRATED FIRE AND GAS, PRESSURISATION AND EMERGENCY SHUTDOWN SYSTEM SUITABLE FOR ZONE 1 LOCATIONS. OUR TECHNICIANS CAN INTEGRATE DATA COMMUNICATION NETWORKS, FIRE SUPPRESSION, AIR CONDITIONING AND OTHER SYSTEMS TO ENSURE RAPID MOBILISATION AND EASY HOOK-UP.

## Key Features

Certification standard:

- > EN 12079/ DNV 2.7-1
- > DNV 2.7-2 Offshore Container
- > Norsok Z-015, Type B
- > Optional: EN 50381

Includes:

- > Fire Detection
- > Gas Detection
- > Rig Signals
- > PA System
- > Normal / Emergency Power Supply

All of our operational, support and design activity is built on ISO 9001:2008.

As you would expect, all of the appropriate units come complete with lifting sets, certified to meet EN 12079 /DNV 2.7-1

# Pressurised Modules

## Main Transformer:

- 32kVA (can also be supplied with 21kVA)

- 3x380-400/230VAC – 32A
- 3x400-440VAC – 36.8A

## Optional:

- 3 Non-EX telephones (analogue)

## Main Power Supply:

- 3 phase 400VAC – 46.2A Max fuse 63A
- 3 phase 420VAC – 44.0A Max fuse 63A
- 3 phase 440VAC – 42.0A Max fuse 63A
- 3 phase 480VAC – 38.5A Max fuse 63A
- 3 phase 660VAC – 28.0A Max fuse 63A
- 3 phase 690VAC – 26.8A Max fuse 63A

## Rig Signals (Potential free contacts N/O and N/C):

- Gas
- Fire
- Common fault
- Loss of pressure (L.O.P.)
- Manual alarm

## Data:

- 1 Media switch
- Fiber input: 1x100FX(SC)
- Ethernet output: 4x10/100Mbit

## Normal / Emergency Power Supply:

- 2x220-240VAC – 16A

## Fire Detection:

- 2 Smoke detectors (main cabin)
- 1 Manual call point (main cabin)

## Fire Extinguisher:

- 1 12Kg Powder fire extinguisher (airlock)
- 1 Water fire extinguisher (main cabin – valve outside container)

## Frequency:

- 50/60Hz

## Gas Detection:

- 1 Gas detector (airlock)
- 1 Gas detector (inside fan housing)

## Light:

- 500 lux at workstations

## Distribution System:

- TN-S

## PA System:

- 1 PA-A (transformer 100Volt line)
- 1 PA-B (transformer 100Volt line)

## Noise:

- 50 dB without AC system running
- 55 dB with AC system running

## Short circuit capacity:

- Max 10kA for 230V
- Max 50kA for 400-690V

## Telephone:

- 1 EX-telephone (analogue)

## Air volume changes per hour:

- >12

## Ambient Temperature (Ta):

- -20 to +40°C

## Power Distribution:

- 4x120VAC – 50A

## Dimensions, Weights and Technical Specifications

| Container Type | Length (mm) | Width (mm) | Height (mm) | Tare (kg) | Payload (kg) | MGW (kg) |
|----------------|-------------|------------|-------------|-----------|--------------|----------|
| 12 ft ES       | 3,658       | 2,562      | 3,008       | 6,700     | 5,300        | 12,000   |
| 16 ft LS       | 4,880       | 2,550      | 3,008       | 5,200     | 6,800        | 12,000   |
| 20 ft DS       | 6,057       | 2,550      | 3,030       | 5,600     | 6,400        | 12,000   |