

Pressurised Modules



ALL SWIRE OILFIELD SERVICES' 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)

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

Normal / Emergency Power Supply:

- 2x220-240VAC – 16A

Frequency:

- 50/60Hz

Distribution System:

- TN-S

Short circuit capacity:

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

Power Distribution:

- 4x120VAC – 50A

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

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

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

Fire Detection:

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

Gas Detection:

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

PA System:

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

Telephone:

- 1 EX-telephone (analogue)

Optional:

- 3 Non-EX telephones (analogue)

Data:

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

Fire Extinguisher:

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

Light:

- 500 lux at workstations

Noise:

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

Air volume changes per hour:

- >12

Ambient Temperature (Ta):

- -20 to +40°C

Dimensions, Weights and Technical Specifications

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

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RELIABLY DYNAMIC