

# EX ZONE 1 AIR CONDITIONING UNIT

ORDER CODE: ACUOB1000



## DESCRIPTION

Compact and ultra-portable, our hazardous area air conditioners have a similar footprint to a standard pallet and feature integrated heavy-duty castors for easy portability – allowing you to get efficient, powerful cooling close to work-fronts, where you need it most. The robust integrated DNV offshore lifting frame make the units safe to lift onto boats and offshore platforms without an external container.

The versatile units operate on a 32A 3-phase 380-480V 50/60Hz power supply with or without a neutral and can be fitted with any common hazardous area plug type. Our air conditioning units are designed and built tough to withstand the harshest conditions and are perfect for use in any hazardous area where safe, effective cooling is required.

## TECHNICAL SPECIFICATION

Zone Rating  
Gas Group  
Temperature Classification  
Power Supply  
Current Draw (running)  
Weight  
Dimensions  
Duct diameter  
Plug Options  
Cable  
Refrigerant  
Cooling Capacity  
Airflow

## KEY FEATURES

- Designed for harsh marine environments
- Self-contained unit
- Suitable for ambient temperatures of up to 50°C
- Constructed from dual-certified IECEx and ATEX equipment
- 22kW cooling capacity
- Frame designed and built in accordance with AS EN 12079-1, ISO 10855-1 and DNV 2.7-1 for offshore lifts
- Integrated castors for maximum mobility
- Provides powerful cooling and dehumidification
- Compatible with our Ex fans and FRAS ducting
- Protect personnel from heat stress
- Maintain coating application specifications
- AS/NZS 60079 series compliant

Zone 1  
IIB + H2  
T4  
380-480V 3PH 50/60Hz (no neutral required)  
19.5A @ 400V 50Hz / 21.5A @ 460V 60Hz  
910kg  
1300mm x 1150mm x 1600mm (LxWxH)  
300mm / 400mm interchangeable  
CEAG, STAHL \*  
Class 5, flexible, braided armour, 6mm conductor, LSZH, 15m  
134a  
22kW  
590L/s (free air with 300mm spigot)

\* Other plug options available upon request

# SAFEHOUSE IECEX AIR CONDITIONING UNIT

ORDER CODE: ACU



## DESCRIPTION

Our SafeCool air conditioning units (ACU) are specially designed for hot climates and tough working conditions. It boasts a class leading 21kW cooling capacity, zone 1 and 2 hazardous area compliance and an integrated DNV 2.7-1 certified 'offshore' lifting frame, making it perfect for providing cooling and dehumidification in hazardous areas in onshore and offshore facilities.

## KEY FEATURES

- ATEX and IECEX certified for zone 1 and 2
- 21kW of cooling capacity
- DNV rated for offshore lifting
- Castors allow unit to be moved easily
- Provides powerful cooling and dehumidification
- Compatible with our Ex fans and FRAS ducting
- Protect personnel from heat stress
- Maintains coating application specifications
- AS/NZS 60079 series compliant

## TECHNICAL SPECIFICATION

Zone Rating	Zone 1 & 2
Temperature Classification	T3
Power Supply	380-420V 3PH 50Hz; 440-480V 3PH 60Hz; (no neutral required)*
Starting Current	20A @ 380V
Running Current	11A @ 380V
Weight	800kg
Dimensions	1630mm x 1100mm x 1530mm (LxWxH)
Duct diameter	300mm
Plug Options	CEAG, STAHL **
Cable	Class 5, flexible, braided armour, 6mm conductor, LSZH, 15m ***

\* Special power supply options available upon request

\*\* Other plug options available upon request

\*\*\* Other cable lengths and types available upon request