



COCOON HABITAT

Second Generation

SPECIFICATION

CERTIFICATION	ATEX, UKEX and IECEx certified
ZONE	Suitable for Zone 1
GAS GROUP	IIA, IIB & Hydrogen
TEMPERATURE RANGE	-40°C to +55°C
SIZE	12-64m ³ per inlet
RELIABILITY	SIL2 rated



PROTECT YOUR HOT WORK WITH CAIRN COCOON

THE ULTIMATE SAFETY SOLUTION

cairnsafetytechnology.com



Industry Leading Solution for Pressurized Habitats



HABITAT

Modular, simple, flexible
 Panels constructed from CST-FRAS-800 material and is flame retardant, antistatic, contains zero halogens and is rated to 800oC, CST-FRAS-800 has been tested to ANSI/FM 4950:2007 (R2013) and BS 7837:1996 (2015)
 Full size doors with integrated antistatic weld screen to allow safe, external monitoring of the hot work task

EINSTEIN

Monitors for Hydrogen Sulphide and 15 different flammable gases in duct
 Closes duct in event of gas detection in duct
 Window for sensors to check levels
 Added O2 alarm
 Added high temperature alarm
 Select from multiple purge times
 Improved datalogging
 Integrated audio visual alarm
 Monitors habitat overpressure
 Monitors habitat airflow
 Connects to additional devices below for additional detection functions as required



TOOLSTOP

- Connect up to 2
 Versions Available:
- 100-130V 16A
 - 220-240V 16A
 - 380-480V 16A 4P/5P
 - 380-480V 32A 4P/5P

GAS DETECTOR

- Connect 1-20
 Linkable
 Independent alarm to aid troubleshooting
 Versions available:
- Flammable
 - H2S / Toxic
 - O2

SOUNDERBEACON

- Connect up to 2
 Linkable
 3 tones at up to 117dB(A) to warn of
- Pressure / Flow / O2
 - Flammable gas
 - Toxic gas

EMERGENCY STOP

- Connect 1-10
 Linkable
 Immediately halts hotwork
 Can be fitted to scaffold, pipes, habitat panels or structural steel to ensure they are conveniently placed for the work party

