

SAFESPEAR

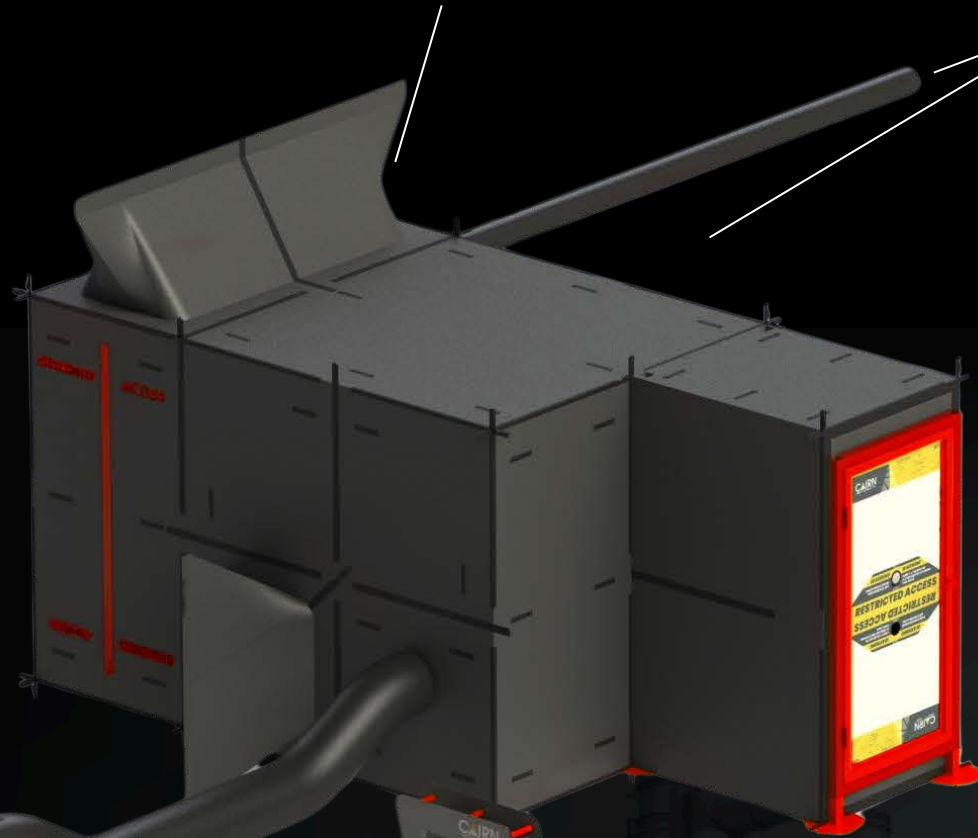
THE SHARP END OF SAFETY

Panels -Fireproof (550°C rated, 800°C melt point), Antistatic, Zero Halogens, Designed for maximum flexibility with minimum panels using our unique penetration panels

Extraction –Flame retardant antistatic outlet duct and separate flame retardant antistatic HVLV extraction system means high quality fume extraction with minimal loss of internal pressure

Einstein Capabilities

- Airflow Monitoring**
 - Habitat Differential Pressure–Alarms at <25Pa
 - Airflow –Alarms at <0.4m3/s
- Duct and habitat gas detection**
 - Hydrogen Sulphide (H2S) –Alarms at 5ppm
 - Butane C4H10-Alarms at 10% LEL
 - Ethane C2H6-Alarms at 10% LEL
 - Hydrogen H2-Alarms at 10% LEL
 - Isobutane HC(CH3)3-Alarms at 10% LEL
 - Isobutylene C4H8-Alarms at 10% LEL
 - Isopropanol C3H8O -Alarms at 10% LEL
 - Methane CH4-Alarms at 10% LEL
 - Methyl ethyl ketone C4H8O -Alarms at 10% LEL
 - Octane C8H18-Alarms at 10% LEL
 - Pentane C5H12 -Alarms at 10% LEL
 - Propane C3H8-Alarms at 10% LEL
 - Propylene C3H6-Alarms at 10% LEL
 - Toluene C7H8-Alarms at 20% LEL
 - Xylene C8H10-Alarms at 20% LEL
- Connections**
 - Up to 2 remote sounder beacons
 - Up to 2 toolstops
 - Up to 10 remote ESD buttons
 - Up to 20 area gas detectors
- Alarms / Indicators**
 - 3 alarm tones
 - 3 coloured indicator lamps
 - 1 Beacon
 - 12 distinct alarms



Airlock–Airlock is optional, doors are lightweight but are full size, have a large viewing area and are packed with state of the art technology. Patent Pending.

Air Inlet –Flame retardant antistatic inlet duct can be supplied with optional air conditioning or heating

Toolstop

- Number Connected** Up to 2
 - Versions**
 - 1x 380-480VAC 32A 3P+N+E
 - 1x 380-480VAC 32A 3P+E
 - 2x 380-480VAC 16A 3P+N+E
 - 2x 380-480VAC 16A 3P+E
 - 4x 200-240VAC 16A 1P+N+E
 - 4x 100-120VAC 16A 1P+N+E
- * More options in development *
** Custom options available **

COCOON HABITAT

Certification	Ex II 2 G Ex v2IIB / IIB+H2T4 Gb Ex pBIIB / IIB+H2T4 Gb
Operating temperature	-20°C to +50°C
Certificate numbers	ExVeritas 23ATEX1538X IECEx EXV 23.0008X ExVeritas 23UKEX1540X
Zones of use	Zones 1 and 2