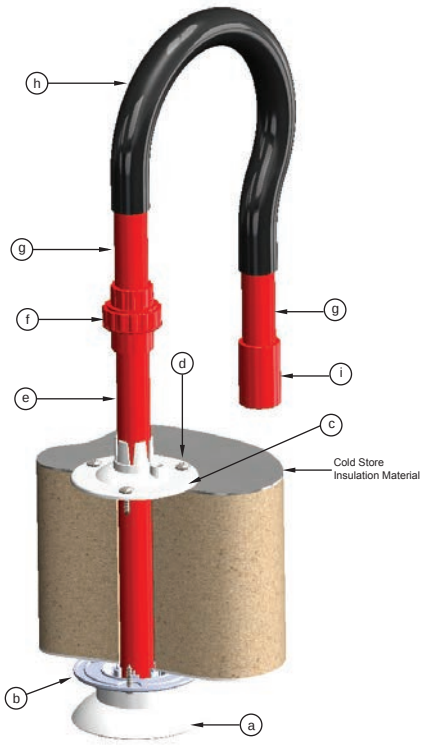
Xtralis Refrigerated Storage Sampling Kit

VSP-860 & VSP-860-US



Item No	Description
a	Inlet Funnel
b	Inner Flange
c	Outer Flange
d	Screw self-tapping
e	Tube - Lower
f	Socket Union - including Flow Restrictor and Seal
g	Tube - Upper
h	Flexible Pipe
i	US Pipe Adaptor

Overview

The Xtralis Refrigerated Storage Sampling Kit provides a standardised method of smoke sampling for Refrigerated Storage facilities in a considerably improved manner allowing simplified installation with reduced maintenance, thus promoting more reliable and hassle-free operation.

The Xtralis Refrigerated Storage Sampling Kit has been designed to replace standard cone-shaped sampling nozzles installed at the ceiling in existing or new Refrigerated Storage facilities. This kit can be installed in the entire facility or combined with standard sampling points if required. The aim here is to reduce direct ice blockage of the sampling points hence this kit is recommended for installation in areas where higher humidity is likely to occur as a result of vehicle and pedestrian traffic (e.g. areas close to doorways or perimeter of the facility).

This kit is treated as a standard sampling hole in the Xtralis ASD system design, in terms of system parameters (e.g. sampling hole location, hole size, transport time, sampling hole sensitivity).

Description

The sampling kit consists of outer and inner parts with the sampling pipe penetrating the Refrigerated Storage sandwich panel. The sampling pipe through the sandwich panel and inner parts are made of ABS plastic which is suitable for low temperatures down to -40 °F (-40 °C). The kit comprises a restriction assembly, placed above the sandwich panel, which consists of a sampling orifice within a socket union.

Features & Benefits

- Enables the ASD pipe to be installed, inspected and maintained outside the Refrigerated Storage facility hence enabling fire contractors to work in ambient conditions most of the time
- Suited for facilities with and without ceiling cavities
- Eliminates the need for expensive HDPE (high density polyethylene) pipe inside the Refrigerated Storage facility
- Eliminates the need for costly access equipment hire for on-going service/ maintenance
- Eliminates the need for heat tracing
- Less prone to blockage due to icing
- Provides a generally more robust ASD installation for these unique environments
- Provides considerably improved aesthetics
- Minimises the need for “Back Flush” systems
- Offers all round cost savings

Detectors Supported

- All Xtralis detectors installed with large bore pipe networks.

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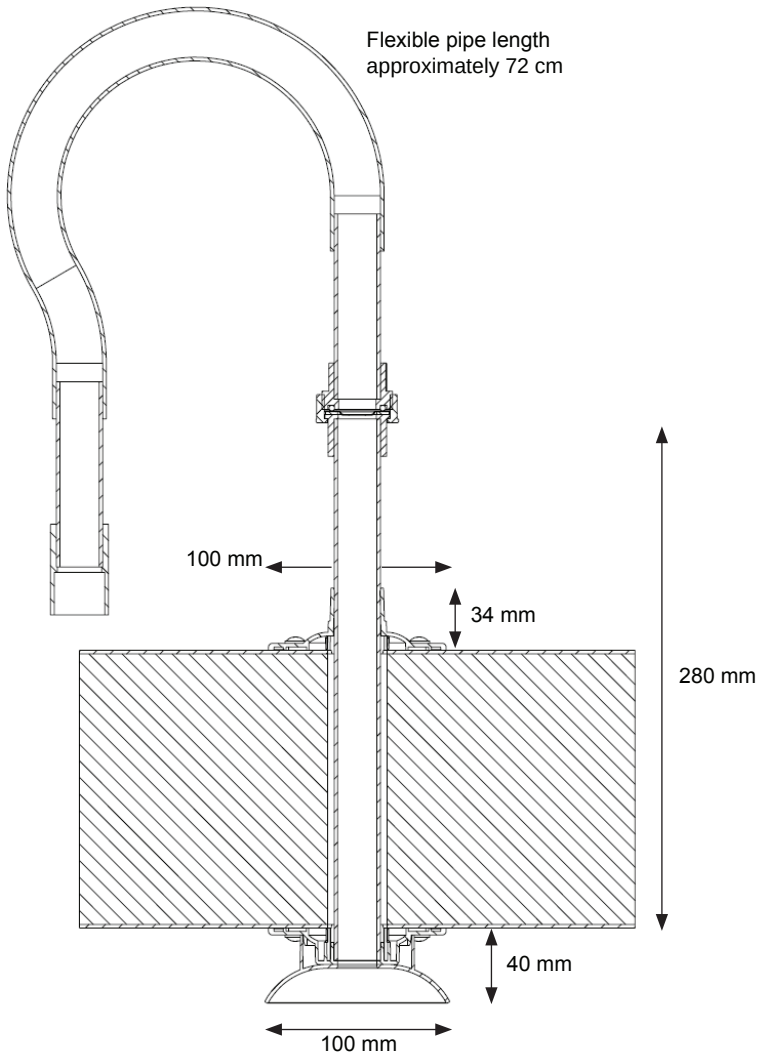
Dimensions



Ordering Information

Description	Part Number
Refrigerated Storage Sampling Kit *	VSP-860
Refrigerated Storage Sampling Kit - US	VSP-860-US
In-line Flow Restrictor Assembly	VSP-870
In-line Flow Restrictor Assembly - US	VSP-870-US
Flow Restrictor Disc (pack of 10)	VSP-871

* Please ensure a suitable T-junction is used, contact your local Xtralis office for further support.

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