



XGard ASU

The ASU enables Xgard gas detectors to monitor toxic or flammable gases within ventilation ducts without subjecting the detectors to high air velocities which could affect the sensor.

Features

- Fully specified performance between 5m/s and 20m/s ducted air flow
- Sampling probes suitable for ducts from 300mm wide
- Strong, lightweight and compact design
- Supplied with all fittings necessary for one Xgard detector
- Installation aid for accurate and easy fitting
- Colour coded inlet and exhaust probes
- Minimum effect on ventilation system functioning.
- Sensor can be calibrated/replaced without opening the duct.

The Crowcon air sampling unit works by taking a sample of air from the duct through a black perforated inlet probe into its sampling chamber. The air is exhausted back into the duct through a white probe. The design of the probes and sampling chamber is arranged so that air passes through the sampling chamber at approximately 25% of the air speed in the duct.

The ASU consists of a grey polycarbonate box fitted with a transparent polycarbonate cover. The transparent window which has a built-in sealing gasket can be removed by undoing four screws to provide access during installation or maintenance.

A drilling template is provided to assist in the location of the probe entry holes into the duct. The template is in the form of a label which acts as a reminder to help ensure that each probe is fitted correctly in relation to the air flow in the duct.

