



**Client:** James Hall (SPAR) Distribution Centre - Preston (UK)

**Application:** National Distribution Centre.

**Aspirating Detectors used:** 48 x Protec Cirrus Pro & Cirrus HYBRID Aspirating Detectors.

Founded in 1863 Southport, Lancashire, James Hall are now a wholesaler, manufacturer and distributor of goods to around 640 SPAR shops in the North of England.

Their current distribution centre was opened in 2010 and is being expanded to provide additional storage and manufacturing facilities. The majority of the site wide Protec general fire alarm system, utilises a large number of cloud chamber based aspirating detection systems. These detectors provide warning of fire conditions in many applications including High Bay Warehousing, General Warehousing, Chill Stores, Cold Stores, Meat Stores, Cake Stores, Food Production Facilities, Inaccessible Ceiling Voids and IT Rooms.

This particular site emphasis's the versatility of cloud chamber aspirating detectors in different application with many challenging environments, all within a single site.

**Reasons for using Cirrus Pro and Cirrus HYBRID Aspirating Detection Systems.**

- Aspirating detection utilises 'active' air sampling through the use of sampling holes drilled into the sampling pipework. Each sampling hole is spaced to suit the local country design standards and the specific application/risk Cirrus Pro Detectors are a sensitive yet stable fire detection system responding to products of combustion.
- Cirrus HYBRID provides both Cloud Chamber 'Fire' and Optical 'Smoke' detection, within a single aspirating detector.
- Cirrus Cloud Chamber detectors reduce unwanted alarms from dust and other pollutants.
- Cirrus Cloud Chamber detectors provide the most intuitive touch screen display of any aspirating detector.
- Cirrus Cloud Chamber detectors are a sensitive yet stable fire detector responding to products of combustion.
- Cirrus Cloud Chamber aspirating detectors can provide an alarm at an earlier stage of a fire condition than most other comparable technologies in these and various other standard and difficult applications.

**Clients Detection System Requirements:**

Early warning/enhanced fire & smoke detection within a modern distribution centre facility, with limited unwanted alarms.

Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

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