



Client: Echo Arena, Liverpool - England

Application: Indoor Stadium/Concert Venue and Exhibition Hall

Aspirating Detectors used: Arena Ceiling 4 x Cirrus Pro aspirating detectors
 VIP Areas 6 x Cirrus Pro aspirating detectors
 Concourse Area 4 x Cirrus Pro aspirating detectors
 Basement Areas 5 x Cirrus Pro aspirating detectors
 Convention Centre 14 x Cirrus Pro aspirating detectors
 Exhibition Hall 12 x Cirrus HYBRID aspirating detectors
 Lift Shafts 3 x ProPoint PLUS aspirating detectors

Reasons for using Cirrus Pro Aspirating Detectors:

- Aspirating detection utilizes 'active' air sampling through the use of sampling holes drilled into sampling pipework. Each sampling hole is spaced as if it were a smoke detector to ensure compliance with British Standards.
- Cirrus Pro/HYBRID Detectors generally do not require intermediate level detection points.
- Cirrus Pro/HYBRID Detectors can respond to fire conditions in advance of standard point detection.
- Cirrus Pro/HYBRID Detectors do not provide unwanted alarms from dust and other pollutants.
- Cirrus Pro/HYBRID Detectors do not provide unwanted alarms from temperature changes and temperature extremes.
- Cirrus Pro/HYBRID Detectors are a sensitive yet stable fire detection system responding to products of combustion.
- The Cirrus Pro/HYBRID & ProPoint PLUS aspirating can provide an alarm at an earlier stage of a fire than most other comparable technologies in these various applications.

Protec aspirating detectors are have been operational throughout the Echo Arena site for approximately 10 years. The new range of Protec Cirrus HYBRID and ProPoint PLUS aspirating detectors have been integrated into the 2016 building exhibition centre project.