Cutsheet

AUTOMATIC SMOKE CURTAINS

Kent
Smoke and Fire Curtains

NFPA · Exova Warringtonfire · bre · CE

1500 cycles to complete requirements of BS EN 12101-1 Annex B

Kent Automatic Smoke Curtains enable the movement of smoke through a building in the event of a fire by channeling smoke to smoke extraction points or creating reservoirs to slow its spread. They remain virtually invisible in their retracted position within the compact headbox in its retracted position within the compact head box. When signalled by a local detector or alarm, they descend to the operational level above the floor.

COMPLIANCE

- Third party accreditation- CERTIFIRE
- BS EN 12101-1 Annex B (Reliability, Response Time and Material Durabilty)
- BS EN 12101-1 Annex C (Air Leakage Test)
- BS EN 12101-1 Annex D (Fire Resistance Test)
- CS Labelled D120
- Fabric Tested to BS 476 Pt 6 & Pt 7, EN 13501-1
- UL 10D

FIRE RESISTANCE (E)

- 120 minutes at 600 deg C (BS EN 12101-1 Annex D)
- 60 minutes at 1000 deg C (UL 10D)

PRODUCT ADVANTAGES

LIGHTWEIGHT AND COMPACT
Thin lightweight smoke impermeable fabric rolls up into a compact headbox that reduces headroom and structural load greatly.

FLEXIBLE DESIGN SOLUTION
Multiple configurations of headboxes, bottom bar designs and ceiling interfaces to match design intents and be virtually invisible.

CURVE DESIGNS, WIDE SPANS AND LONG DROPS
Elimintate the need for intermediate columns over a virtually unlimited width and long drops to create wide open airy spaces.

PRECISELY MANUFACTURED
Manufactured in a state of the art facility equipped with the latest European curtain producing technology which ensures excellent precision to suit site conditions.

INTELLIGENT CONTROL SYSTEMS
Designed by Kent's in-house testing and design team, our intelligent control systems ensure synchronous descent and seamless integration with Building Management Systems.
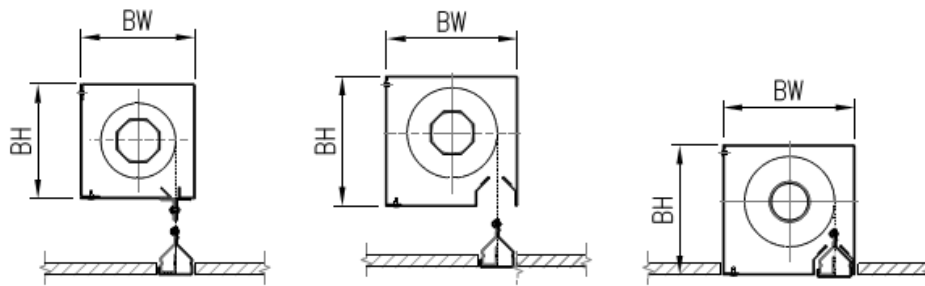
KENT GUARANTEED GRAVITY FAIL SAFE
Guaranteed deployment of the curtains at a controlled descent rate using our gravity fail safe system. Applies under any scenario such as mains power failure and damage to control systems,
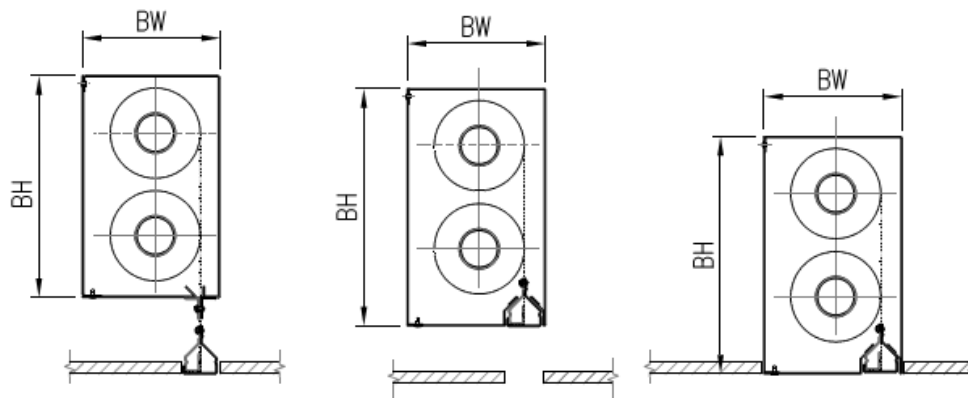
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SMOKE CURTAIN HEAD BOX — SINGLE ROLLER

SMOKE CURTAIN HEAD BOX — DOUBLE ROLLER (OVER/UNDER)

SMOKE CURTAIN HEAD BOX — DOUBLE ROLLER (SIDE/SIDE)