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Counter Fire Door



R&S Counter Fire Doors integrate the automatic fire protection system of a rolling fire door with the compact design and neat appearance of a counter door. These rated counter shutters are available in primed steel or stainless steel and with most of the same options as fire doors. Warnock Hersey 1 1/2 to 3 Hour Label or Oversize Certificate is furnished standard. .

Counter Fire Door Standard Features:

Mounting: Face of wall or between-jamb

Operation: Push-up to 12' wide and awning crank on larger sizes is standard (awning crank should be considered when doors are to be operated over a deep counter of over 7' high). Chain hoist or motor operation are optional.

Automatic closing: Thermally activated by 165° fusible links, with the closing speed regulated by a governor device operative only during automatic closing.

Curtain: Interlocking type 18 flat slats are roll formed from (galvanized steel) (stainless steel - 12' max. width) coil. Gage of slats is as required by the listing. Endlocks are riveted to slats to maintain curtain alignment. Bottom of curtain is reinforced by a (single angle) (tubular) footpiece of material matching slats.

Guides: Box shape guides are formed from (steel) (stainless steel). Sizes of guides are as required by the listing.

Brackets: Steel plate brackets are bolted to guides to support curtain and barrel and provide mounting for hood.

Barrel: Steel pipe houses torsion spring assembly and supports curtain with a maximum deflection of .03 inch per foot of width. Torsion springs are mounted on a continuous cold rolled steel shaft, adjustable by a tension wheel outside one bracket.

Hood: Formed from 24 gage (galvanized steel) (stainless steel) sheet, reinforced with top and bottom flanges to limit deflection. A thermally released integral flame baffle is provided when required by the listing.

Options:

Smoke Detectors: Photoelectric (detects smoke and heat) or ionization (detects combustion); requires connection to a release device with compatible voltage.

Model LM21XPBB or LM21AFCB: Provides automatic closing and testing of motor operated fire doors upon activation by a detector or alarm; eliminates the need for mechanical release and reset unless there is power loss; allows for a cycling sequence of the door in the event an obstruction is encountered upon closing.

Perimeter Gasketing: Brush seals factory applied to guides and foot piece, field installed on header, to aid in smoke and draft control.

Rolling Door Products (rsdrprod.com)

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