

# The Fish Automatic Fire Shutter

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## Construction

The Fish Automatic Fire Shutter is constructed of No. Gauge Basic Open Hearth Steel Sheets, heavily galvanized, uniform sections or leaves 12 inches to the weather, two thicknesses of the Steel being employed with a lining of asbestos, and having angle flanges at top and bottom of leaves, which add rigidity to the surface of the Shutter in the face of flame.

Each Section slides over the one above by means of iron bolts or rods running through brass grummeted holes in the flanges, and all are contained or telescoped into a weather-proof hood over the opening, held in position by double levers, bolted with a link fusible at a temperature of 155 degrees Fahrenheit. The instant the link fuses, the levers are released, and the shutter drops into position over the opening, shutting off draft, and forming a perfect steel barrier.

The Fish Automatic Fire Shutter is built upon practical lines the result of years of study and experiment by the inventor. Every feature of its construction being worked out with mathematical precision, with a view to presenting to flames the greatest barrier: and it is justly maintained that this Shutter stands pre-eminently the first in the field as a fire retardant from the following reasons: It has been given the "break down test" of the Underwriters' Laboratories at Chicago, and withstood the enormous heat of 2,020 degrees Fahrenheit. After one hour of this test and application of water at 60 lb. pressure, it was perfectly intact upon the opening. The Canadian Fire Underwriters' Association have given the Fish Automatic Fire Shutter the highest rating, which is its best guarantee, and the rebate which this assures is a concession to its merit.

Firemen when obliged to force their way in a building installed with Fish Automatic Fire Shutters simply have to raise a section of shutter to insert the hose, this feature has appealed strongly to Fire Chiefs to whom shutter has been submitted. The Fish Automatic Fire Shutter is particularly adapted for use on mullioned windows.