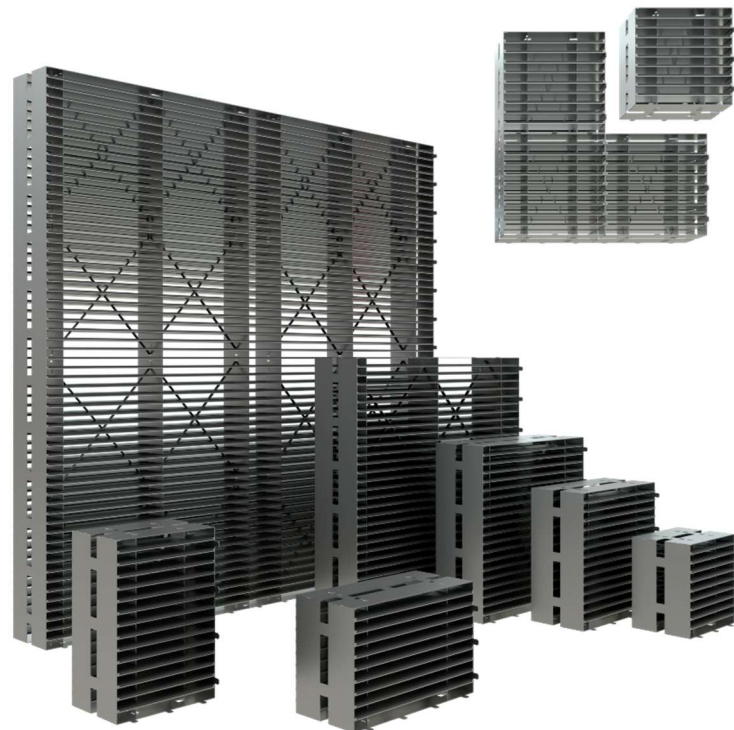


MODULAR FIRE PROTECTION GRILLES WITH INTUMESCENT INSERT FOR THE PROTECTION OF:
GRAVITATIONAL AND MECHANICAL VENTILATION DUCTS AND DOOR VENTILATION

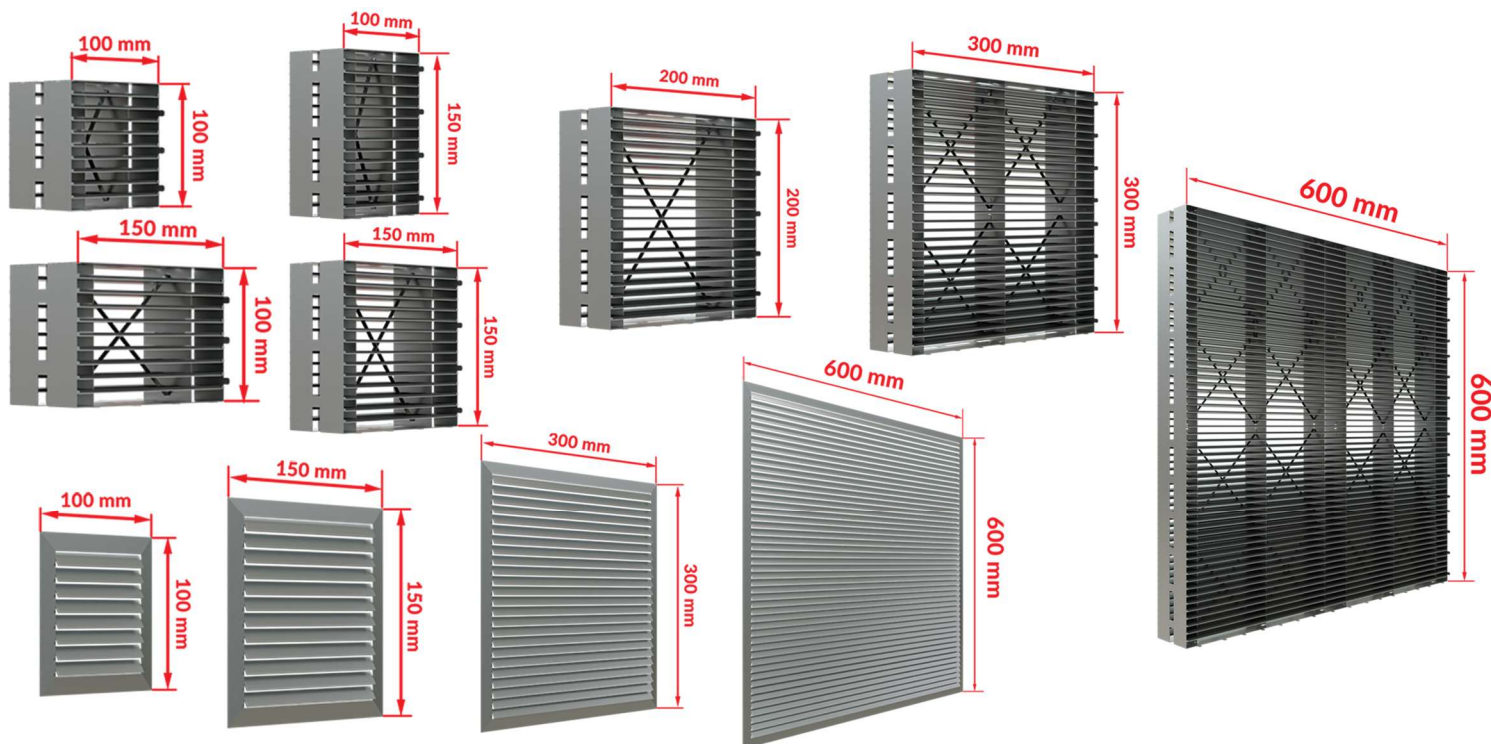
TECHNICAL DETAILS

Fire resistance classification - for the classification report:	01232.1/22/Z00NZP
Fire resistance class:	Up to EI 90
Shelf life:	No limit
Packaging:	1 pc.
Grille sizes:	100 x 100, 100 x 150, 150 x 100, 150 x 150, 200 x 200, 300 x 300, 600 x 600
Cover dimensions:	100 x 100, 150 x 150, 300 x 300, 600 x 600



TECHNICAL DESCRIPTION:

Fire-protective intumescent modular ventilation grilles KRS 70, made of steel sheet, equipped with intumescent inserts made of graphite. The material from which the intumescent insert is made swells as a result of the reaction to high temperature and, by filling the gaps between the steel fins, closes the flow of air and smoke, and also insulates the heat flow. The swollen insert is non-flammable. The grille casing and grilles are made of high-quality steel sheet. The design of the grilles allows them to be combined with each other in any configuration, thus giving the opportunity to protect even the most unusual ventilation openings. The grilles have integrated connecting elements that simply bend to create a permanent connection between the modules.





INTENDED USE:

KRS 70 grilles are designed for use in the protection of: gravity ventilation ducts and mechanical ventilation. It is also possible to use grilles in other types of fire partitions, such as: fire separation walls with prepared ventilation openings, doors with specific fire resistance and partition walls between rooms. During regular use, KRS 70 grilles allow air to circulate freely inside the rooms. During a fire, the system creates a special barrier that prevents the flow of fire, smoke and harmful gases. It is possible to equip the grilles with dedicated grilles made of steel sheet.

INSTALLATION OF KRS 70 GRILLES IN THE VENTILATION OPENING



Choose a KRS 70 grille and cover that matches the dimensions of the opening. It is also possible to combine several grilles.



The grilles should be placed inside the ventilation opening, in such a way that none of its elements protrude outwards



A dedicated cover can be mounted on the grille in the hole or any other cover made of steel sheet can be used.



Ventilation opening with the KRS 70 grille inside.

Health and safety recommendations:

The product is intended for use by professional companies in industrial conditions. Work related to the application of the product should be carried out in accordance with the applicable health and safety and environmental protection regulations. Before starting work with the product, read the Product Safety Data Sheet.

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The above information is based on our current knowledge and experience. We provide them in good faith. However, due to the variety of methods and conditions of application, they should be verified in specific applications. Therefore, the manufacturer's liability and obligations beyond the conditions set out in the applicable standard are excluded.