

VENTILATION GRILLE | INERTIAL FILTER | FSA MF 5-3 STAGES | MF 5-2 STAGES

Version: 02/2024



WIDE RANGE OF APPLICATION:

As air exhaust grille and air inlet grille in sidewalls, underfloor and roof area.

THE MAIN ADVANTAGES OF OUR VENTILATION GRILLES ARE:

- High separation efficiency against rainwater, cleaning spray water and coarse dust and sand, even with high air velocities
- Low energy consumption and little space requirement due to low pressure loss
- Low maintenance and long service life due to special coating processes
- Very low weight due to the use of thin-walled aluminum profiles.
- Very flexible in terms of design and dimensions
- Specific adaptations are possible based on our experience for certain applications (additional wire mesh, dust filter and snow filter; IPx4 or IPx5 version, hinged solutions...)

DESCRIPTION:

Every Krapf & Lex ventilation grille is adapted to the customer's particular needs.

In order to achieve the best possible results, we support our customers from beginning of the project in terms of technical consulting and design.

We are supplier to the main OEMs and suppliers of railway industry in Europe (see our references at

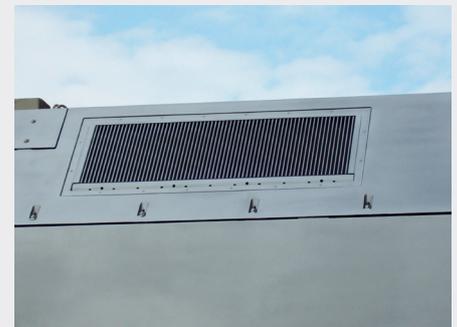
www.krapf-lex.de) having more than 800.000 grilles installed on railway vehicles worldwide. If the use of a Mf 5-3 stages type (3 separating stages) is not possible due to a lack of space, the Mf 5-2 stages type (2 separating stages) with an only slightly reduced filter efficiency can be used.



**AIR INTAKE GRILLE IN
THE SIDEWALL**



**AIR EXHAUST GRILLE,
UNDERFLOOR**



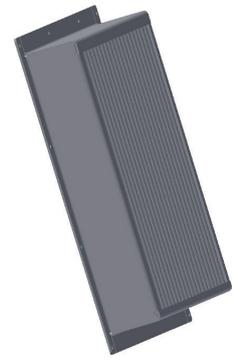
**AIR INTAKE GRILLE IN
ROOF AREA**

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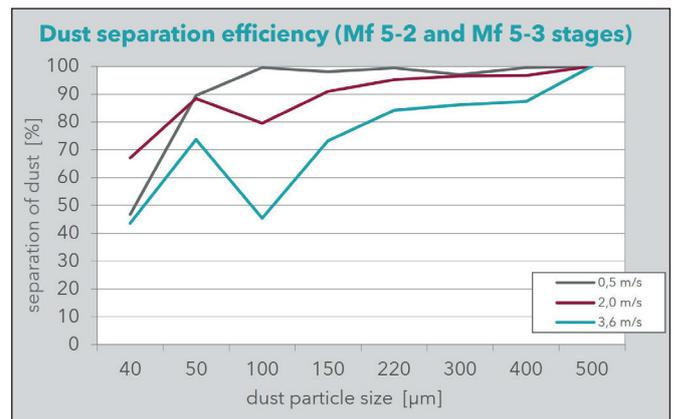
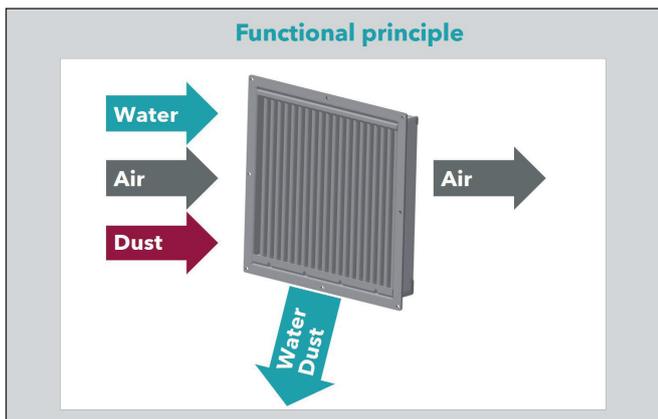
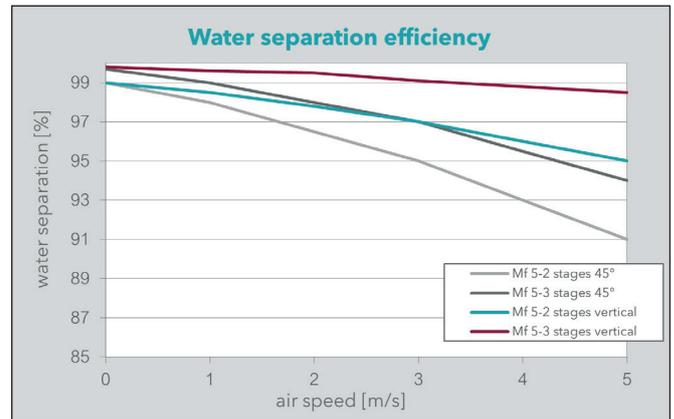
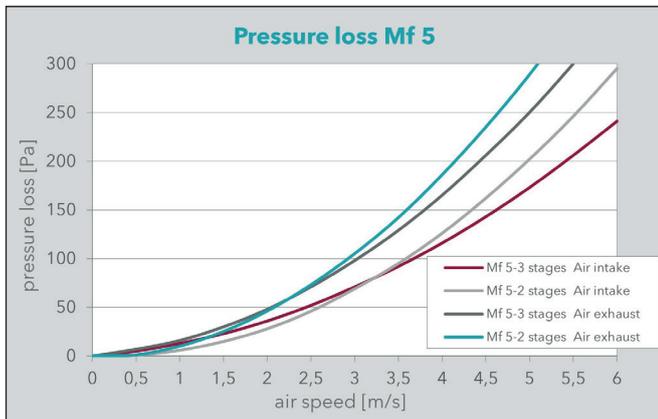
High level of water separation
with small installation depth:
Mf 5-3: 74 mm
Mf 5-2: 59 mm

The identical design of
Mf 5-3 and Mf 5-2 stages
guarantee a uniform
appearance.

Can also be supplied as
protruding version before
the inlet/outlet opening.

TECHNICAL DATA:

PRESSURE LOSS/ WATER SEPARATION EFFICIENCY /COARSE DUST EFFICIENCY



Automatic and very fast creation of quote, technical design, 3-D model and other product specifications is individually possible via our configurator on our website:
<http://krapf-lex.online/>

