**Louvre 468SA**

Renson Ventilation, IZ 2 Vijverdam, Maalbeekstraat 10, 8790 Waregem – België

Tel. +32 (0)56 62 71 11, fax. +32 (0)56 60 28 51, info@renson.be www.renson.eu

The louvre 468SA is equipped with blades for sand rejection and a built-in frame.

product CHARACTERISTICS (red marked may be erased according to users’ choice)

* Blades and frame profiles: aluminium AlMgSi 0.5. Aluminium profiles with thickness 1,8mm.
* Finish: Anodized in satin/bronze (40 micron) or powder-coated (60-80 micron) in any RAL color.
* Sand Rejection: To ensure a better sand rejection, a profile is mounted below the blades. This profile is made from aluminium AlMgSi 0,5 and can be powder-coated in the same RAL color as the louvre.
* The vertically mounted louvre has an effectiveness of **94% sand rejection at 0,5 m/s ventilation volume rate** according to EN 13181: 2001. The calibrated sand is a mix of sand with **grade sizes ranging from 76µm till 699µm**.
* To guarantee sand rejection and to improve aesthetical appearance, the louvre blades have been riveted to the upper- and lower frame. Therefore, no rivets are visible from the front of the louvre.
* Blade pitch of 85 mm.

Remark: In order to strengthen the whole construction, louvres wider than 700 mm are provided with an extra perforated U-profile to fix additional blade supports.

OPTIONS

* Mesh: antistatic inox 304 insect mesh 2,3 x 2,3 mm fixed tightly with the use of a nylon cord.

PERFORMANCE

Airflow:

* K-factor suction:115,62
* K-factor discharge:115,62
* Ce-coëfficient:0,093
* Cd-coëfficient:0,093

Free area:

* Physical free area:29%

Protection:

* IP class:IP2XD
* Sand rejection EN13181 @ 0,5 m/s: 94%
* Sand rejection EN13181 @ 1,3 m/s: 61%
* Sand rejection EN13181 @ 1,3 m/s: 61%
* Sand rejection EN13181 @ 2,0 m/s: 31%

Built-in depth : 60 mm

Total depth : 65 mm

STANDARDS (This product has been been designed to and/or has been tested according to following standards)

EN 13141-1

EN 12020-2
EN AW 6063 T66
EN 60529 (IP classification)

EN 13181 (Sand rejection)