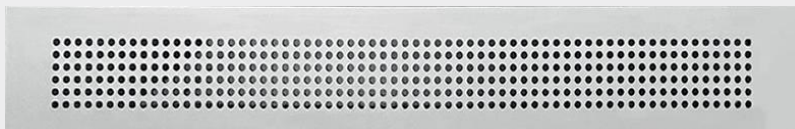


White 500/1000 perforated screen air diffusers

WHITE PERFORATED SCREEN AIR DIFFUSERS (with nominal length 500/1000 mm) VMGSF55B series



FEATURES

Diffuser which can be used for both HRV air intake and HRV air extraction in indoor environments.
It consists of an aluminum white perforated screen, adhered to the wall *.

Screen sizes:

Length L= 525 mm; Height=75 mm for VMGSF500X55B
Length L=1020mm; Height=75 mm for VMGSF1000X55B

* The diffuser can also be installed on the ceiling if it is combined with an adapter VMAD-- and the corresponding magnet kit cod. VMADKM (see related data sheets).

Construction materials:

- Aluminum sheet 1.5 mm thick for the screen.
- Stainless steel for clips (springs).

Screen color

RAL 9010 white.

Fixing method

Springs for attaching the screen to an adapter.

ACCESSORIES

- Adapter code VMAD50X55X10L(75/90) for VMGSF500X55B
- Adapter code VMAD10X55X10L(75/90) for VMGSF1000X55B
- Adapter accessories such as extensions, filetrs, collar accessories, etc.

QUICK SELECTION TABLE

Code	Screen position with respect to wall surface	Total perforated area [m²]	Flow rate (m³/h) with $v_{\text{pipes } \varnothing 75} = 2,7\text{m/s}$ Pressure drop: 3 Pa	Flow rate (m³/h) with $v_{\text{pipes } \varnothing 75} = 3,2\text{m/s}$ Pressure drop: 7 Pa	Flow rate (m³/h) with $v_{\text{pipes } \varnothing 90} = 2,5\text{m/s}$ Pressure drop: 3 Pa	Flow rate (m³/h) with $v_{\text{pipes } \varnothing 90} = 3,1\text{m/s}$ Pressure drop: 7 Pa
VMGSF500X55B	fixed	0.0180	65 (with Ø75)	70 (with Ø75)	80 (with Ø90)	95 (with Ø90)
VMGSF1000X55B	Adherent to wall	0.0330	120 (with Ø75)	135 (with Ø75)	160 (with Ø90)	180 (with Ø90)

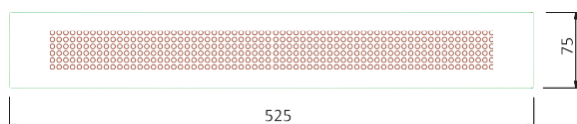
(*) The values 70, 135, 95 and 180 m³/h also correspond to the max flow rate with the accessory adapters and the two diameters of semi-rigid pipes, Ø75 and Ø90, at the pipe speeds indicated.

DIMENSIONS

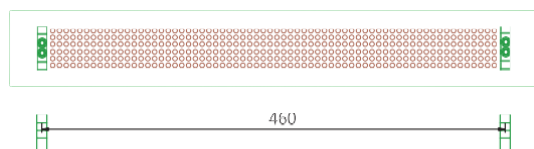
diffusore FLAT a schermo forato 500x55 RAL9010

[cod. VMGSF500X55B]

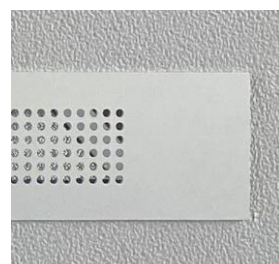
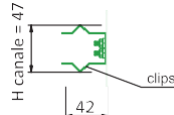
VISTA FRONTALE DELLO SCHERMO



VISTE POSTERIORE E DALL'ALTO DELLO SCHERMO



VISTA DI PROFILO



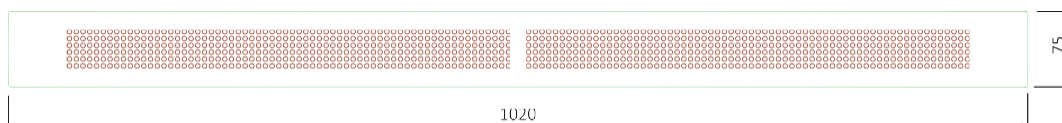
Il diffusore non ha a corredo la cornice; per cui esso va installato direttamente sul plenum-adattatore (tipo VMAD50X55--) oppure direttamente a canale.

Misura foro BxH: 495x47 mm

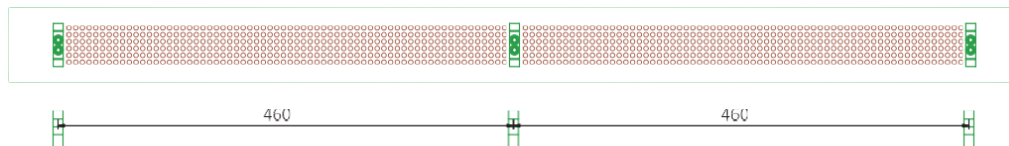
diffusore FLAT a schermo forato 1000x55 RAL9010

[cod. VMGSF1000X55B]

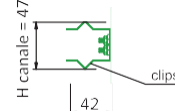
VISTA FRONTALE DELLO SCHERMO



VISTE POSTERIORE E DALL'ALTO DELLO SCHERMO



VISTA DI PROFILO



Il diffusore non ha a corredo la cornice; per cui esso va installato direttamente sul plenum-adattatore (tipo VMAD10X55--) oppure direttamente a canale.

Misura foro 990x47 mm