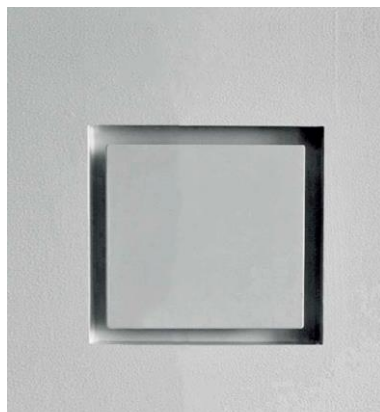


FLAT WALL FLUSH MOUNTED white 140x140 air diffuser

FLAT FLUSH-WALL WHITE DIFFUSER FOR 140x140 mm HOLE code VMDPFM140X140B1



FEATURES

Diffuser which can be used for both HRV air intake and HRV air extraction in indoor environments.

It consists of an aluminum white screen and an aluminum white sunken* frame.

The screen can be distanced on **4 positions**, steps 7.5mm pitch between each other, with respect to the **3rd position (flush-wall position)**.

The distance changes on site by sliding the screen (and its springs) on the four "slotted guides" of the frame.

Therefore the air flow rate can be regulated into 4 values.

The 1st position is for almost closed diffuser.

The screen pulls out and inserts very easily for cleaning.

* **Frame thickness: 17 mm.**

Construction materials:

- Aluminum thickness 1.2 mm WHITE RAL9010 powder coated for the frame.
- Aluminum thickness 2 mm WHITE RAL9010 powder coated for the screen.
- Harmonic steel for clips (springs), for attaching screen to frame.

The diffuser comes standard with a safety expanded polystyrene panel to protect the frame and the hole during construction work.

Fixing method

No.4 supplied screws for fixing the diffuser frame to a VMAD14X14 series adapter (recommended method).

If necessary, the diffuser frame can be fixed directly to any suitable support as hard wood or concrete, or to a suitable duct.

ACCESSORIES

- **Sheet metal/PVC adapter VMAD14X14 series.**
- Adapter accessories (extension, filter, etc.).

TWO ADVICES

- Before installing and/or arranging for the diffuser, it is advisable to read the **instructions for use**, that refer to the three cases:

- Installation with "plaster level bands".
- installation before the "bands".
- "Drywall" installation.

- **IT IS RECOMMENDED TO ORDER THE VMAD ADAPTER TOGETHER WITH DIFFUSER, IN ORDER TO INSTALL PROPERLY THE VMAD + THE DIFFUSER FRAME IN CONSTRUCTION SITE.**

If the diffuser is used in combination with a VMAD adapter of 100mm nominal depth, the minimum available depth for diffuser+adapter must be 120 mm.

QUICK SELECTION TABLE

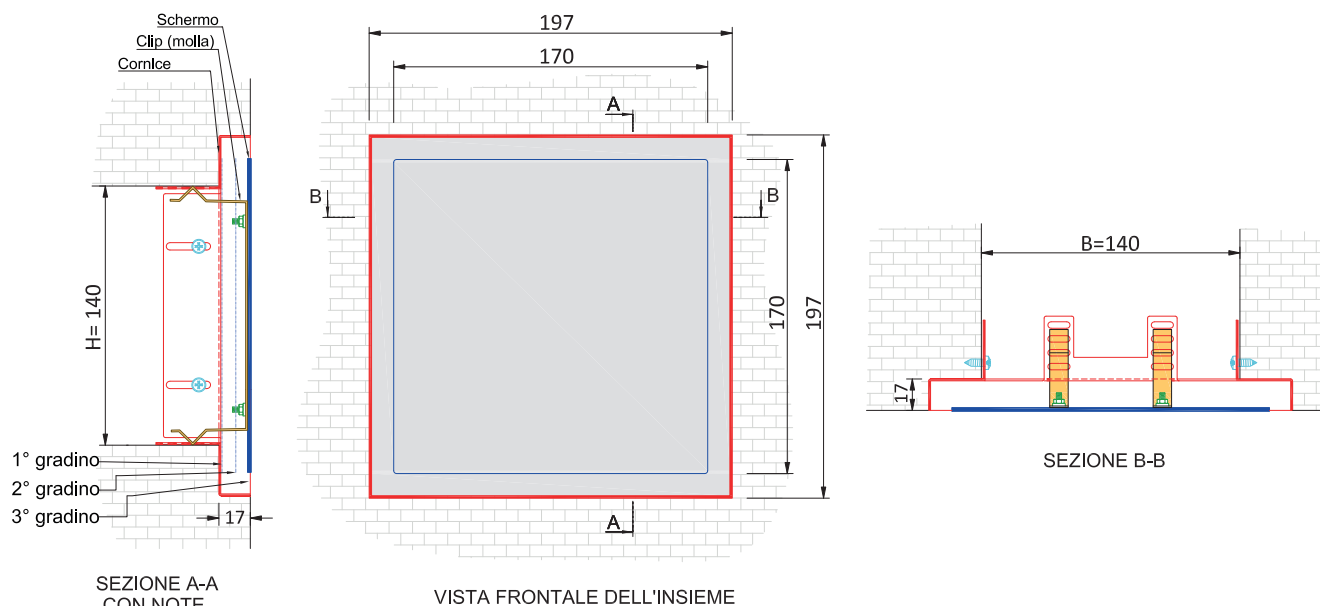
Code	External frame size [mm]	Position on "guide"	Total air flow area [m²]	Flow rate (m³/h) with v = 1 m/s*	Flow rate (m³/h) with v = 2 m/s*	Flow rate (m³/h) with v = 3 m/s*
VMDPFM140X140B1	197x197	2nd step	0.0037	14	27	41
		3rd step	0.0080	29	58	-
		4th step (off wall)	0.0123	44	-	-

(*) Flow rates in bold can be obtained by associating the diffuser with an adapter with Ø90 collars while flow rates not in bold can also be obtained with adapters with Ø75 connections.

DIMENSIONS

Diffusore FLAT a filo muro 140x140 mm (Misura Foro). Codice VMDPFM140X140B1

Cornice in alluminio bianco RAL9010. Schermo in alluminio bianco RAL9010. Interasse molle=56 mm



GRAPH

