

# FLAT white 140x140 air diffuser

FLAT WHITE DIFFUSER FOR 140x140 mm HOLE code VMDP140X140B1



## 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 frame.

The screen can be distanced from wall or from false ceiling so as to spread air tangentially to the wall/ceiling through its four edges. The distance can be adjusted, on site, in 3 positions by sliding the screen (and its springs) on the four "slotted guides" of the frame.

Therefore the air flow rate can be regulated into 3 values.

The "zero" position is for the closed diffuser.

The screen pulls out and inserts very easily for cleaning.

### Construction materials

- Aluminum thickness 1.2mm for the frame.
- Aluminum thickness 2 mm for the screen.
- Harmonic steel for the clips (springs), to secure screen to frame

### Screen and frame color

White RAL 9010, powder-coated.

### 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

- Adapter VMAD14X14 series (see related data sheet).
- Adapter accessories (extension, filter, etc.).

## QUICK SELECTION TABLE

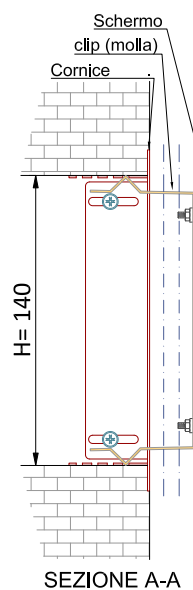
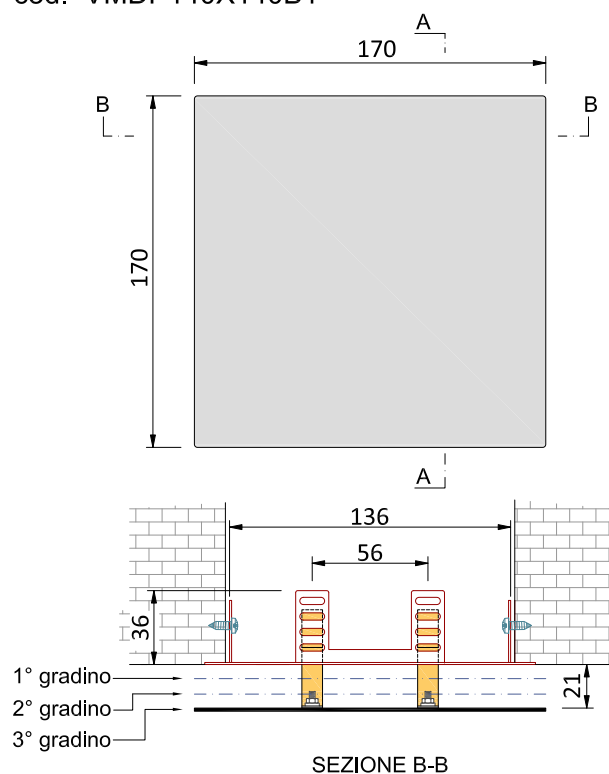
Code	Position on "guide"	Screen size [mm]	Total air flow area [m <sup>2</sup> ]	Flow rate (m <sup>3</sup> /h) with v =1 m/s*	Flow rate (m <sup>3</sup> /h) with v =2 m/s*	Flow rate (m <sup>3</sup> /h) with v =3 m/s*
VMDP140X140B1	1st step	170x170	0.0037	14	27	<b>41</b>
	2nd step	170x170	0.0080	29	<b>58</b>	-
	3rd step	170x170	0.0123	<b>44</b>	-	-

Flow rates in bold can be obtained by associating the diffuser with a Ø90 "Grey" collar adapter, while flow rates not in bold can also be obtained with a Ø75 "Grey" collar adapter.

v = speed across the edges of the diffuser

## DIMENSIONS AND GRAPH

Diffusore FLAT a schermo piatto 140x140 mm  
cod. VMDP140X140B1



Misura foro BxH: 140x140 mm

