

FLAT 140x140 customizable screen diffuser

140x140 FLAT DIFFUSER WITH PERSONALIZABLE SCREEN



CARATTERISTICHE

Diffuser, which can be used for both air intake and extraction in indoor environments; consisting of a screen shaped of stainless steel tray, with electro-welded mesh inside to facilitate the setting of mortar (if the customer decides to fill the screen with mortar). The mesh can, on the other hand, be easily removed on site in case you want to customize the screen with material such as tiles (the grip of the glue may be better on the surface without the mesh) or wood, etc.; removal of the mesh is done after grinding the welding points of the mesh. It also consists of a frame equipped with a guide to adjust on 4 positions (steps, 7.5mm pitch between each other) the indentation of the screen with respect to the 3rd step (actual flush wall position) and thus the airflow rate. The 1st step corresponds to the closed position. A 4th step is available in case a somewhat larger range than flush with the wall is desired. Frame thickness: 30.5mm. The screen pulls out and inserts easily for cleaning.

Materiali di costruzione

- Brushed AISI 304 stainless steel 1mm thick for the frame.
- Stainless steel + electrowelded mesh with screen clinging function.
- Steel for the clips (springs) for sliding/guiding/fixing the screen to the frame.

Screen color

The screen should be filled with mortar or other material, at the customer's convenience.

Fixing method

Steel clips (springs), standard. Screws (No. 4 supplied) for fixing the frame to adapter or directly to wood or plasterboard wall or channel, etc.

ACCESSORIES

- Sheet metal adapter mod. VMAD14X14----, VMAD20X10----, VMAD30X10----, VMAD40X10----.
- Adapter accessories (extension cord, filter, etc.).

INSTRUCTIONS

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

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

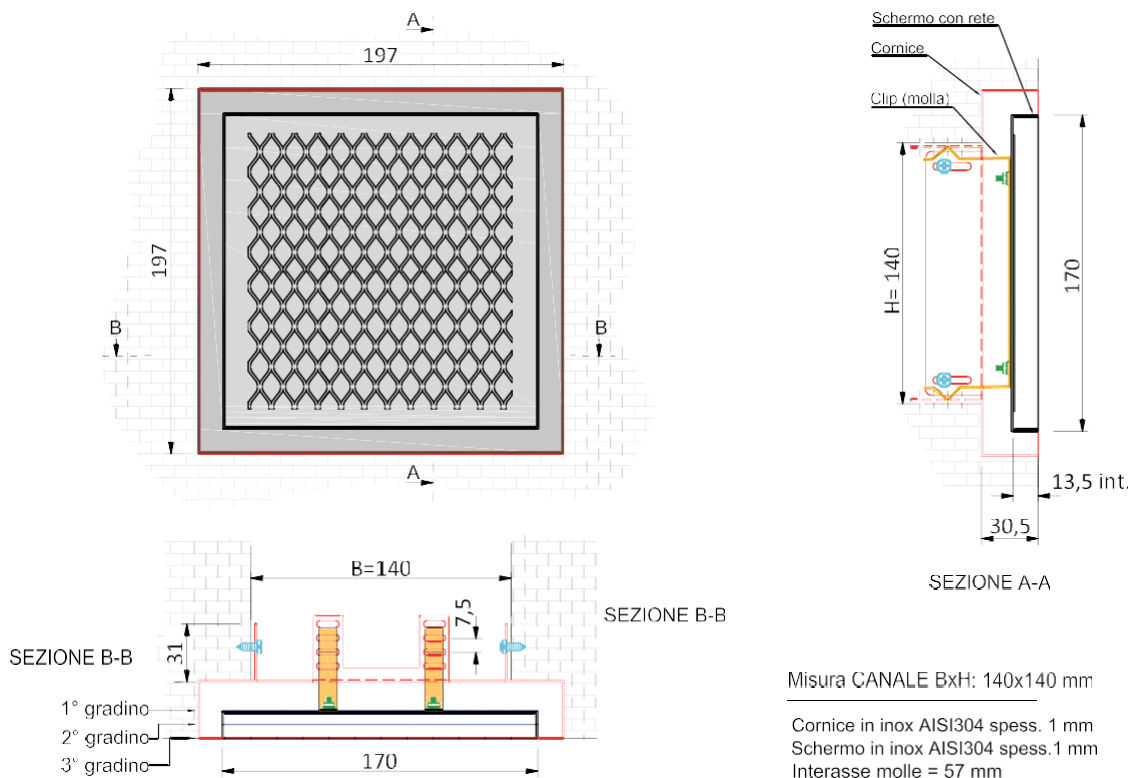
QUICK SELECTION TABLE

Code	Location	Screen size [mm]	Total air crossing area [m ²]	Flow rate (m ³ /h) with vattrav. effect.=1m/s*	Flow rate (m ³ /h) with vattrav. effect.=2m/s*	Flow rate (m ³ /h) with vattrav. effect.=3m/s*
VMDPPFM14X14I1	2nd step	197x197	0.0037	14	27	41
	3rd step	197x197	0.0080	29	58	-
	4th step (off wall)	197x197	0.0123	44	-	-

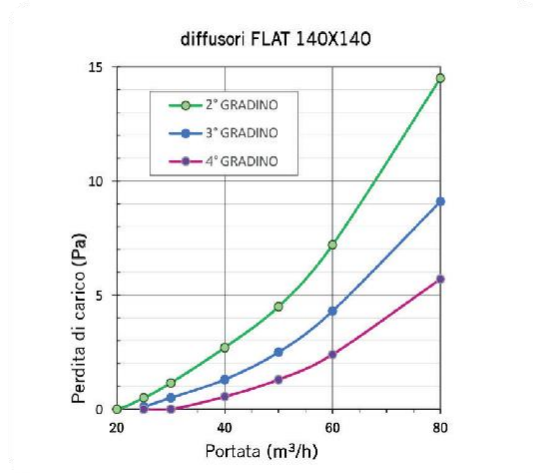
(*) Flow rates in bold can be obtained by associating the diffuser with an adapter with Ø90 connections (and piping) while flow rates not in bold can also be obtained with adapters with Ø75 connections. The two flow rates between apostrophes are with flow rates of approx. 60 mc/h per adapter pipe, slightly higher than the maximum recommended air flow rates for Ø90 pipes.

DIMENSIONS

Diffusore FLAT Personalizzabile filo muro in inox 140x140 mm. Codice: VMDPPFM14X14I1

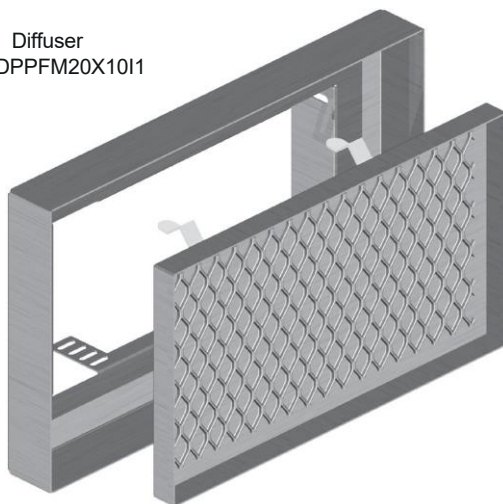


GRAPHICS

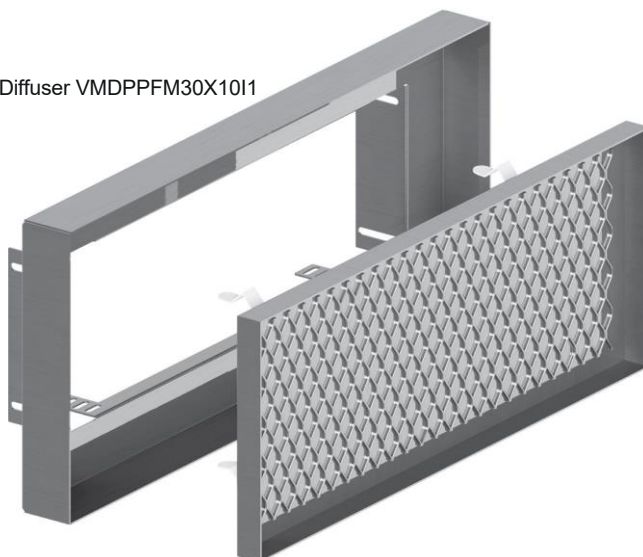


THREE-DIMENSIONAL DRAWINGS (WITH SCREENS DETACHED FROM THE FRAMES)

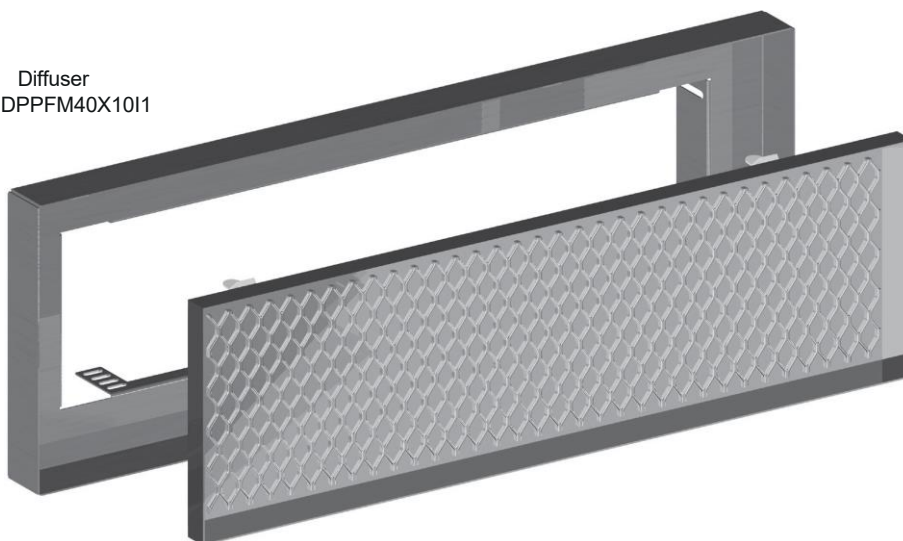
Diffuser
VMDPPFM20X1011



Diffuser VMDPPFM30X1011



Diffuser
VMDPPFM40X1011



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