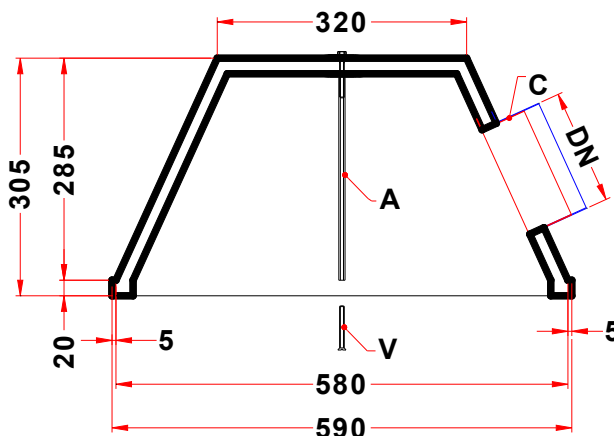


HIGH INDUCTION DIFFUSERS

PPS



FEATURES

PPS plenum is made of printed polystyrene, with 45 Kg/mc density, class 1 fireproof and crystallized in the internal part.

The transformation process, together with the material features, make sure that **PPS** is a compact and light plenum.

These features, together with the trapezoidal shape, allow its placing on the finished false ceiling, in order to easy both the achievement and the maintenance of the plant. Thanks to its lightness, the plenum is positioned on the false ceiling structure, avoiding the use of hangers for its fixing to the ceiling itself. This gives the possibility of saving a lot the mounting time and to save the occupied space of more than 50% in comparison with the traditional plenum.

PPS has a very good thermo-acoustic insulation feature; therefore it does not need the application of further insulating material.

Planned in order to be used with panel diffusers of 600x600 nominal dimensions, in standard version, it is supplied with connection for flexible duct "C" (depending on the model, in DN:Ø150, Ø160, Ø200 and Ø 250 sizes), and pole "A" mounted as per above drawing. On request, the plenum is supplied with damper "S" (eg. S150) on the connection "C" complete with control lever, in order to regulate the air flow. As an alternative, it may be supplied in KIT solution, equipped with mounting scheme.

Installation: Once the diffuser is fixed to the plenum through the screw "V" to the pole "A", the plenum can be positioned on the structure of the false ceiling.

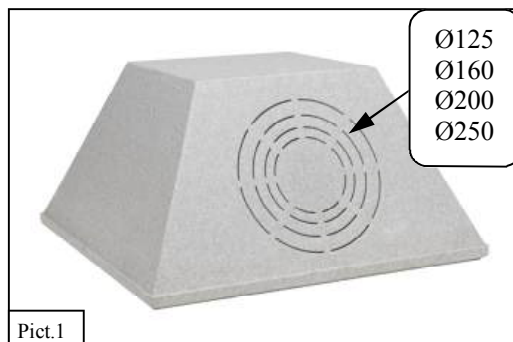
PRICE LIST

DESCRIPTION	CODE	EURO
PLENUM MOUNTED IN STANDARD VERSION	PPS160	
PLENUM MOUNTED IN STANDARD VERSION	PPS200	
PLENUM MOUNTED IN STANDARD VERSION	PPS250	
PLENUM NOT-MOUNTED IN KIT VERSION WITHOUT CONNECTION	PPSK	
CONNECTION FOR FLEXIBLE DUCT Ø 160	CANPL160	
CONNECTION FOR FLEXIBLE DUCT Ø 200	CANPL200	
CONNECTION FOR FLEXIBLE DUCT Ø 250	CANPL250	
DAMPER FOR CANPL160	S160	
DAMPER FOR CANPL200	S200	
DAMPER FOR CANPL250	S250	
EQUALIZER	EPS	
PLUGED SCREW FOR CENTRAL FIXING	V680T	

MOUNTING ISTRUCTION - PLENUM IN POLYSTYRENE

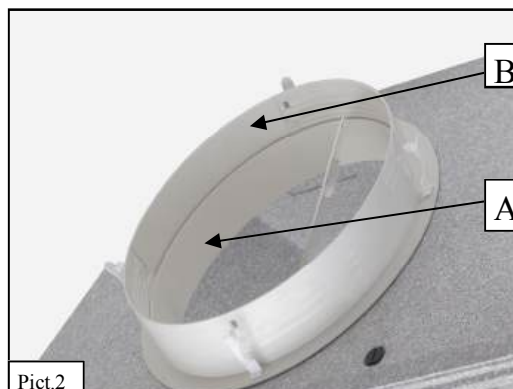


Carry out the hole for the connection, following the edge indicated on the side of the plenum (picture 1), with the same size of the connection to be mounted (Ø250, Ø200, Ø160, Ø125).



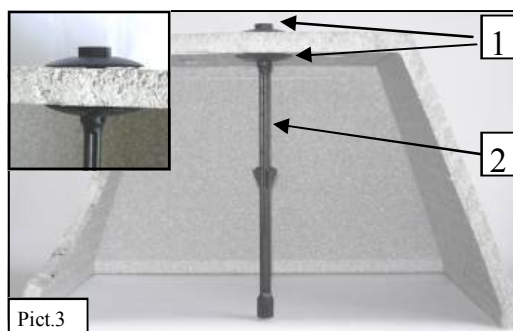
Pict.1

- Insert the male connection A inside the hole and screw the female connection B (see picture 2).



Pict.2

- Position the 2 washers (1), insert the screws (2) and afterwards screw the bar (see picture 3).

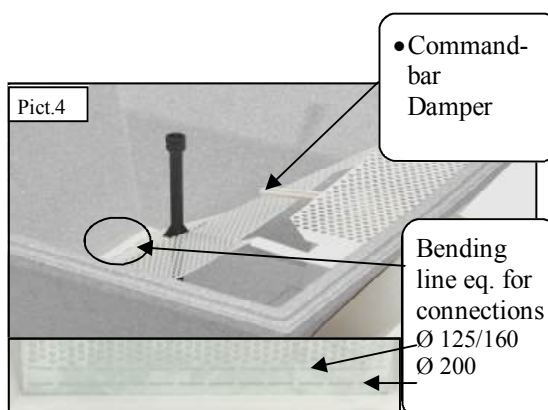


Pict.3

- Mount the damper taking care of positioning the command-bar (see picture 4), hooking it to the pivot on the connection.

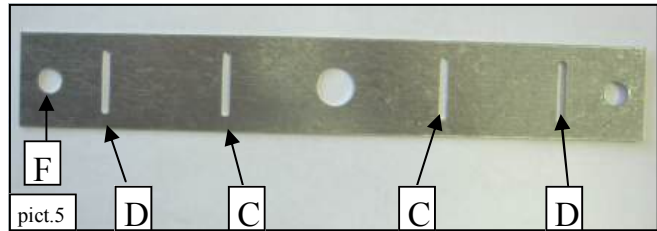


- Position the equalizer. (Note: for the connection Ø125, Ø160 and Ø200 you have to bend the equalizer along the indicated line) (see picture 4).
- Sign the position of the fixing screws of the equalizer and carry out the holes.
- Fix the equalizer through the fixing screws, taking care of positioning the command bar, the damper and the mounting bar of the diffuser in the special slots (see picture 4).

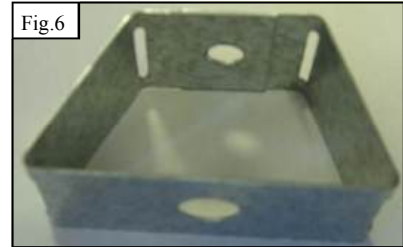


Pict.4

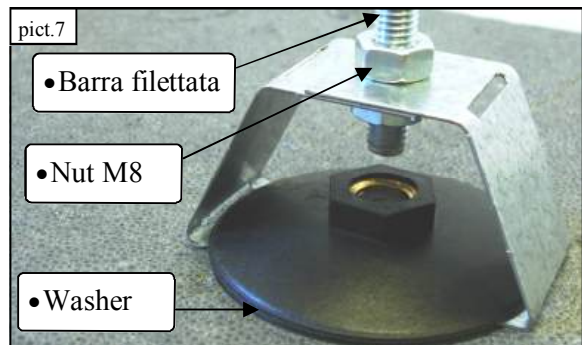
MOUNTING ISTRUCTION WITH TREADED ROD



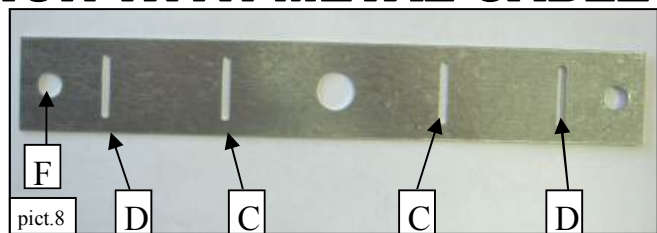
- Manually folding the hanger slots along the C and D (Fig. 5): You must obtain the form in Figure 6. Make sure that the F holes to put the match fixing element (Fig. 6).



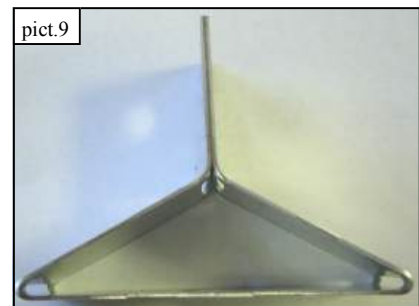
- Attach the hanger to the body of the plenum using the external threaded washer. Pass the threaded rod into the holes of Ø8 hanger and tighten the nuts as shown (Fig. 7).



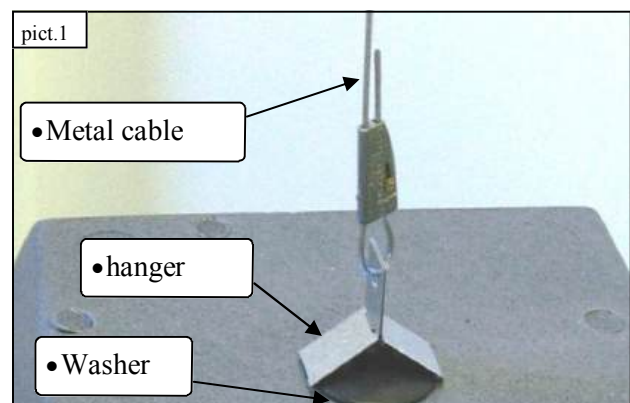
MOUNTING ISTRUCTION WITH METAL CABLE



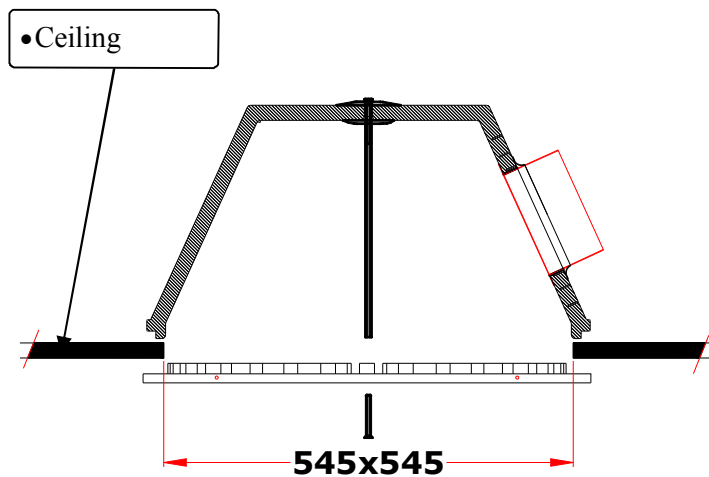
- Manually folding the hanger slots along the C and D (pict. 8) to obtain the form in pict.9. Make sure that the F holes to put the match fixing element (pict. 9).



- Attach the hanger to the body of the plenum using the external threaded washer. Pass the cable (pict. 10) into the holes F of the hanger.

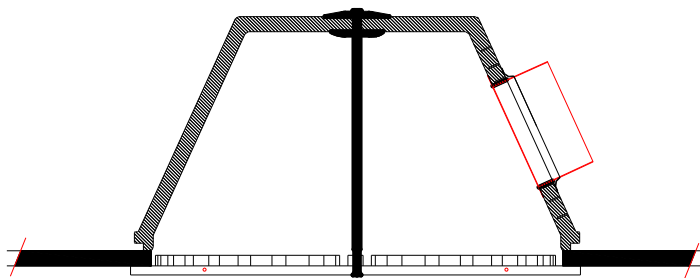


MOUNTING ISTRUCTION IN THE CEILING



6. Installation of false ceiling:

- Make a 545 x 545 mm hole in the ceiling, and place the plenum and the diffuser as shown.



7. Mounting the diffuser:

- Positioning the diffuser as in Fig. and tighten the screw at auction, making sure to apply the right force to the screw does not deform the diffuser, then insert the cap screw covers.