

## **HD-PR**

*Swirl diffuser incorporate in a perforated plate.*

*New design*

# HD-PR

## Application

The HD-PR diffusers are preferably used in facilities with stringent technical and aesthetic requirements. The careful aesthetic design allows perfect integration of this equipment in panel ceilings with visible or hidden sections of different dimensions. If required by the architectural features, supply with a round front panel is also possible. Technically speaking, the interior of the diffuser includes curved deflector blades to generate a high-induction rotational air jet that allows the following:

- Almost complete elimination of vertical temperature gradients
- Rapid decrease in air supply velocities, eliminating unpleasant air currents.
- Perfect operation in installations with constant and variable air flow

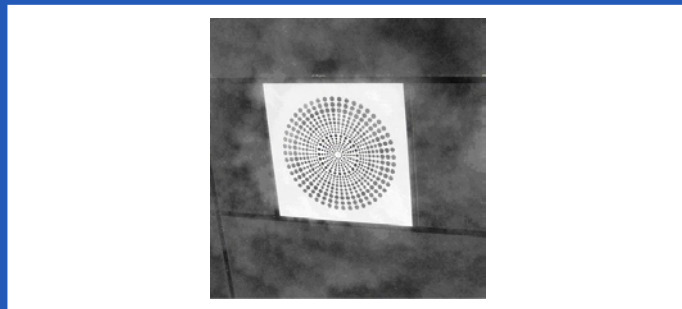
The recommended mounting height for this line of diffusers is 2.5 to 4 metres.

**Mech-Elec UK,**  
Unit 1, Bretts Farm,  
Romford Road,  
Aveley,  
Essex,  
RM15 4XD.

Tel: +44 208133 9745

E-Mail: [info@mech-elec.net](mailto:info@mech-elec.net)

Web: <http://www.mech-elec.net>



## QUICK SELECTION TIPS

Sound Power-Flow Rate-Pressure Drop				
HD-PR	30 db(A)	35 db(A)	40 db(A)	45 db(A)
200	175(13)	210(21)	245(29)	295(41)
250	220(12)	265(22)	310(31)	370(43)
315	285(11)	335(21)	400(30)	470(40)
400	370(10)	445(19)	535(27)	630(38)

**Note:** For detailed selection, please use the tables and charts inserted in the respective technical leaflet.

## DIMENSIONS

Overall dimensions of basic models				
Tamaño / Size	A	B	H	D
200	394	388	300	198
250	394	388	300	198
315	494	488	350	248
400	594	588	350	248

**Note:** All models can be integrated in standard front panels of the same or larger size than those listed in the table.

