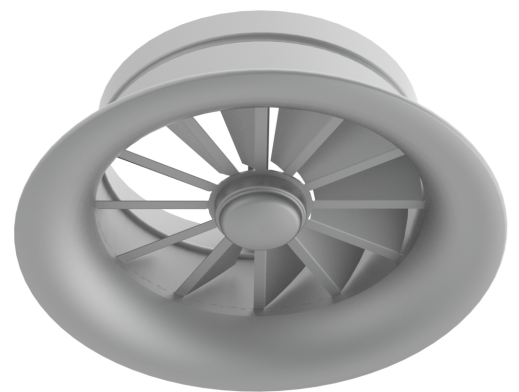




Swirl Diffusers
RVD

RVD | Swirl Diffusers

Description

RDV swirl diffusers are designed to provide supply air distribution, in maximum comfort level, in areas with more than 3,5 m ceiling height.

Production areas sports saloons, theatres, conference saloons, ballrooms, lobbies, shopping centers, airports are these kinds of places.

According to mixed air ventilation principles, air throw direction is horizontal in cooling mode and vertical in heating mode.

They are suitable for constant or variable air volume systems.

Because of high induction effect they help the conditioned area to reach the required conditions as fast as possible. They can be applied for temperature differences in between -12 and +12 K.

Adjustable air blades are designed aerodynamically.

Air throw direction can be adjusted manually or by a motor located on the unit.



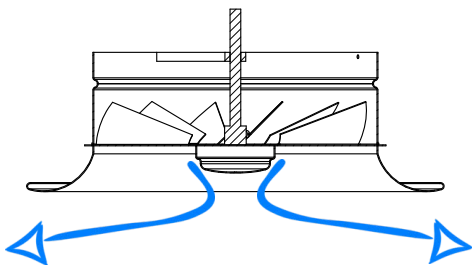
Bottom view of Swirl Diffuser

They can be installed with or without a plenum box. Diffuser material is powder coated galvanised steel. They can be painted in any RAL code.

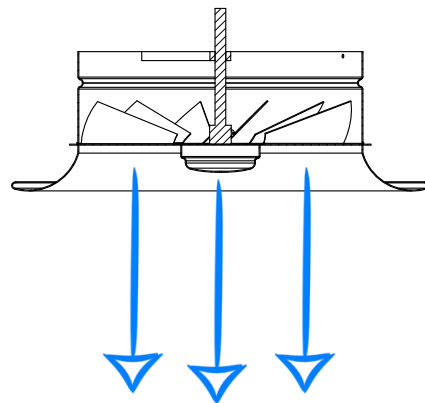
Optional Neck Sizes :

Ø200, Ø250, Ø315, Ø400, Ø500, Ø630

Air Throw Directions

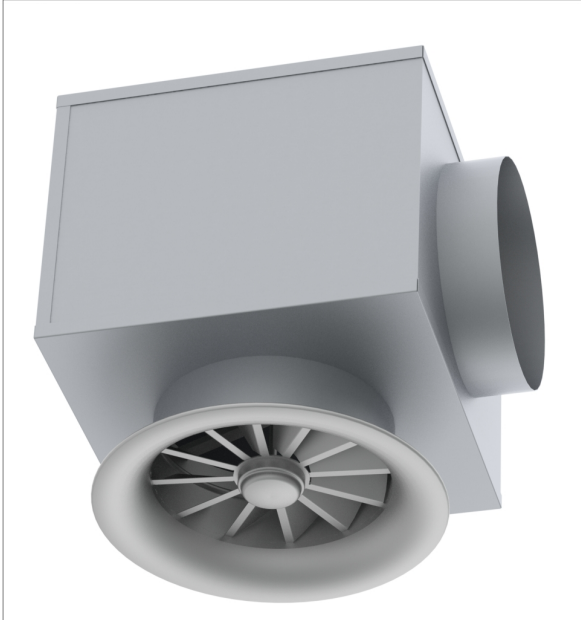


Cooling Mode - Horizontal Throw



Heating Mode - Vertical Throw

Installation Methods

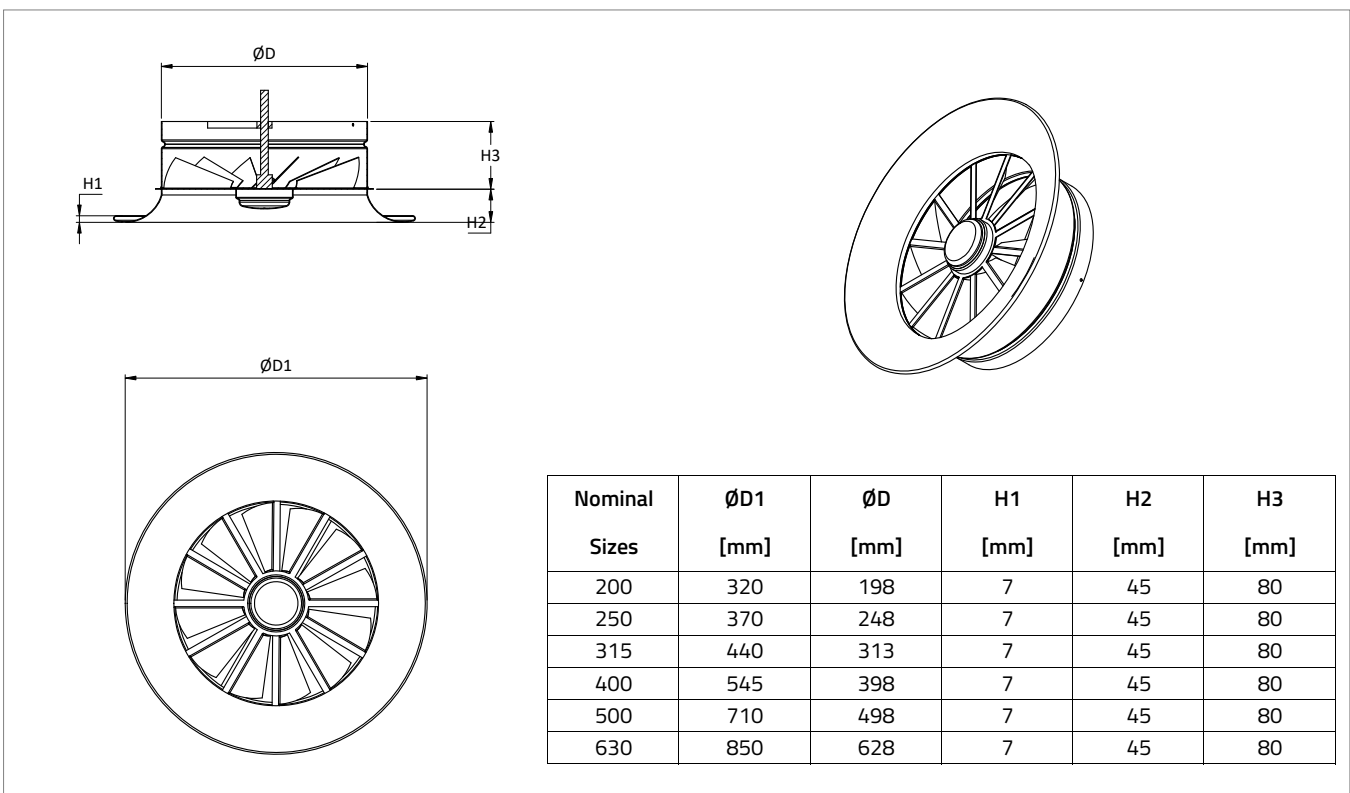


With plenum box



Round duct application

Dimensions

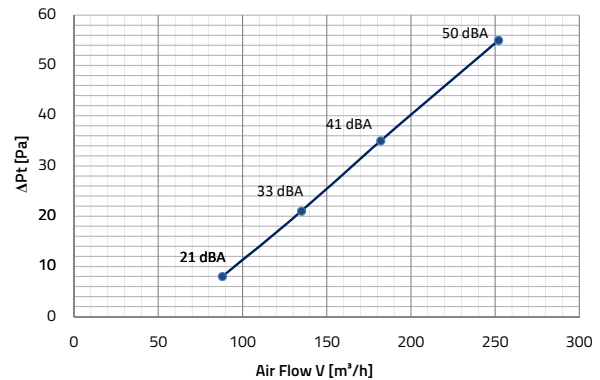


RVD | Swirl Diffusers

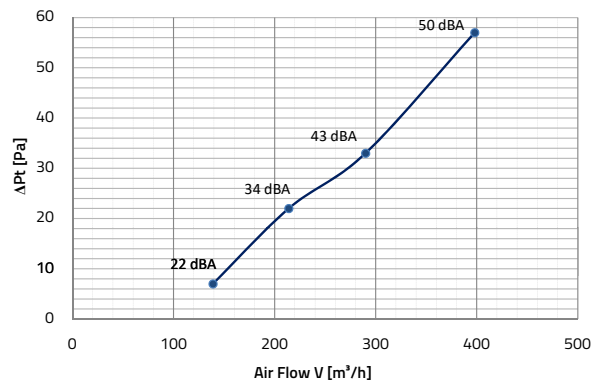
Quick Selection Table

Nominal Sizes	V [m³/h]	ΔP_t [Pa]	L _{wa} [dBA]
200	88	8	21
	135	21	33
	182	35	41
	252	55	50
250	139	7	22
	214	22	34
	290	33	43
	398	57	50
315	238	10	23
	366	20	34
	494	36	42
	680	60	50
400	403	8	18
	620	23	32
	837	48	43
	1152	80	50
500	490	10	22
	754	22	35
	1018	38	43
	1400	62	50
630	778	8	23
	1196	21	36
	1615	37	45
	2222	60	50

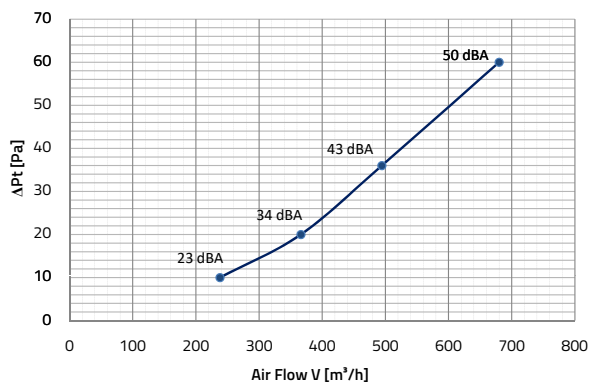
Ø200



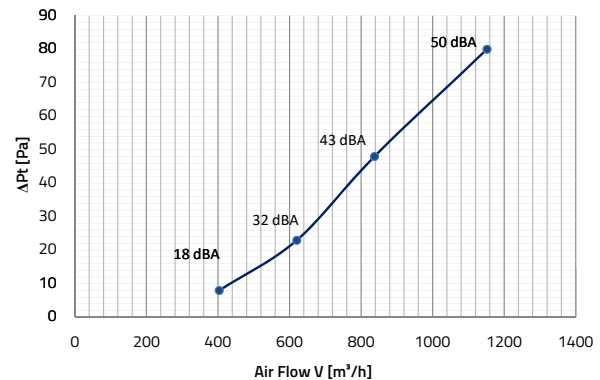
Ø250



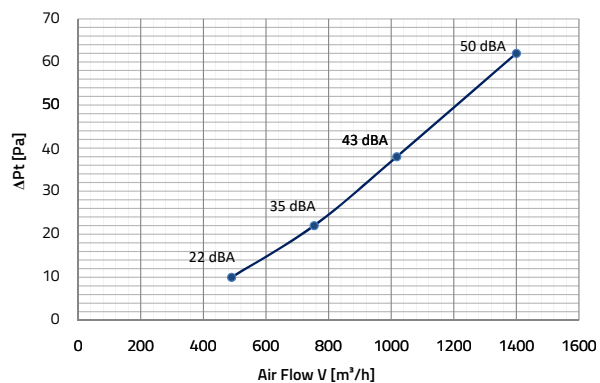
Ø315



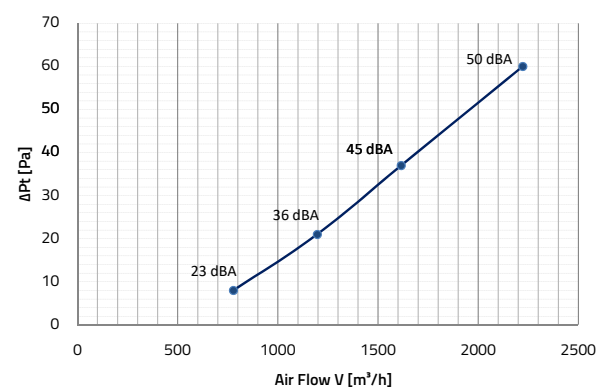
Ø400



Ø500



Ø630



Ordering Code

RVD 400 / M / P / RAL..

(1) (2) (3) (4) (5)

(1) Model RVD = Swirl Diffuser

(2) Neck Size Ø315
 Ø400
 Ø630

(3) Adjustment M = Manual
 EM = Motorized

(4) Plenum P = With
 - = Without

(5) RAL Code RAL = Color Code

