



Characteristics

The DVV variable swirl diffuser is a high-performance, long-range diffuser. It is designed for heating and cooling rooms with open ceilings from 3 to 15 m high. It allows the precise adjustment of the ratio between horizontal and vertical air intake with minimal influence on pressure variation.

Construction

- Round housing with connection opening on the vertical position.
- Air inlet openings at the perimeter and at the bottom plate of the diffuser.
- Element for controlling the direction and volume of air.

Drive

C - manual setting.

E - electric actuator:

- CM24-L
- CM230-L

The electric motor drive can only be installed on diffusers of dimensions D1=400 to 800.

T - thermostatic actuator that senses the temperature of the supply air and automatically adjusts the opening of the exhaust vents. The thermostatic element operates in a temperature range from 22 °C to 38 °C. It operates automatically and does not require additional energy sources and associated installations. The diffuser is set to the optimum position and activated at the factory.

Material

STANDARD: galvanized sheet metal.

OPTION:

- stainless steel sheet metal INOX AISI 304 SB
- stainless steel sheet metal INOX AISI 316 SB

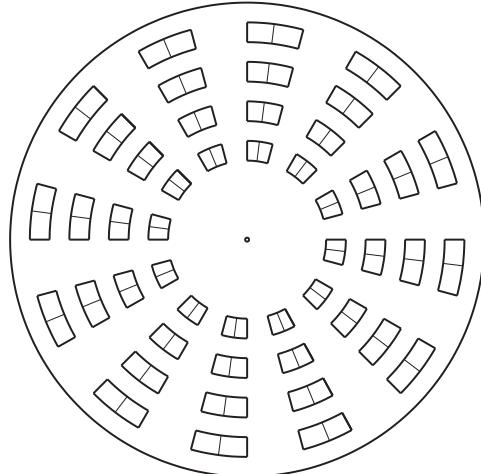
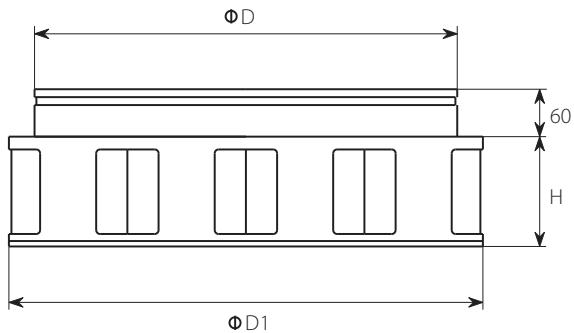
Finish: RAL 9010 MAT white, or any colour from the RAL palette.

Fixing

Suspended from the ceiling.

Dimensions

	Ø D	Ø D1	H	Q (m³/h)
250 / 125	123	250	79	100-340
300 / 150	148	300	89	160-550
300 / 160	158	300	89	160-550
400 / 200	198	400	105	300-1040
400 / 250	248	400	105	300-1040
500 / 315	313	500	107	380-1330
600 / 355	353	600	139	680-2350
600 / 400	398	600	139	680-2350
800 / 500	498	800	172	1210-4150



Order key

DVV - T - 400 - 250 - ZN - RAL 9010 M - LD

Accessories

LD – rubber seal on spigot

Colour

- without colour
- RAL 9010 MAT
- optional

Material

ZN galvanized sheet metal
INOX AISI 304 sheet metal
INOX AISI 316 sheet metal

Connection opening dimension

Standard 125, 150, 160, 200, 250, 315, 355, 400, 500

Diffuser dimension

Standard 200, 250, 300, 400, 500, 600, 800

Drive

C – manual
E – Belimo electric actuator (D1=400-800 mm)
T – thermostatic drive

Diffuser type