

WR250

CIRCULAR SWIRL DIFFUSER WITH
FIXED BLADES, DIFFUSER RING AND
FRICTION SPRING MOUNTING



VARIANTS

WR250

The swirl diffuser type WR250 has fixed blades and is equipped with friction springs for easy mounting in thin ceilings. A high induction is obtained through the excellent swirl effect. The diffuser ring guarantees a strong coanda effect over a wide temperature range (also at low flow rates) which makes it optimally suited for VAV applications.

Equipped with with friction springs

Suitable for ceiling plates with thickness
between 1.5 and 20mm

Non-adjustable air pattern with fixed blades

High induction with strong coanda effect
through diffuser ring

TECHNICAL INFORMATION

APPLICATION	Type	Supply or exhaust
	Airflow direction	Horizontal
FRONTPLATE	Standard material	Powder coated sheet steel
	Standard finishing	Powder coating RAL9010
	Product finishing options	Powder coating RAL of choice
	Nominal sizes	Ø80, 100, 125, 160mm
	Mounting options	Equipped with friction springs, suitable for ceiling plates with thickness between 1.5 - 20mm

QUICK SELECTION

ØN [mm]	Supply Q _v [m³/h]	
	L _w	WR250
80	25 dB(A)	19
	35 dB(A)	27
100	25 dB(A)	37
	35 dB(A)	54
125	25 dB(A)	50
	35 dB(A)	81
160	25 dB(A)	88
	35 dB(A)	134

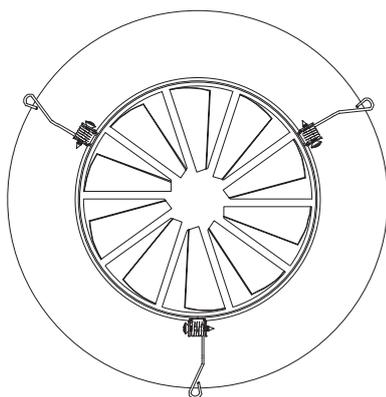
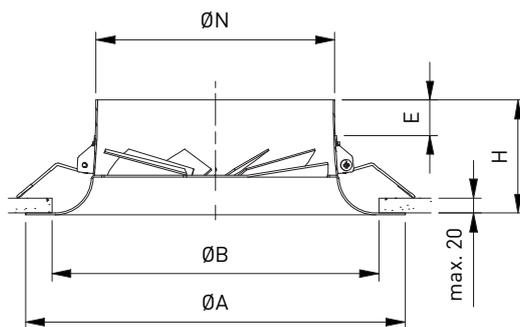
EFFECTIVE AIR DISCHARGE AREA

Supply A _v [m²]	ØN [mm]			
	80	100	125	160
	0,0018	0,0029	0,0046	0,0078

PRODUCT KEY

CIRCULAR SWIRL DIFFUSER WITH FIXED BLADES AND FRICTION SPRING MOUNTING

W R 2 5 0 - F 0 1 2 5

Nominal size $\varnothing N$ (mm):
80, 100, 125, 160

DIMENSIONS

$\varnothing N$	$\varnothing A$	$\varnothing B$	E	H
80	120	86	23	67
100	160	129	23	65
125	200	174	23	75
160	250	209	23	76

All dimensions in mm