RWR-4

- Swirl diffusers
- Circular
- Steel
- White, RAL 9010

Variable manual swirl diffusers type RWR-4

Round adjustable swirl ceiling diffuser for high ceiling (3 to 12 m)

Application

- For air supply in ventilation and air conditioning systems

Material

- Steel and aluminium combination

Text for tender

- The air supply diffusers for high ceilings are of the swirl type with manually adjustable blades. They are made of steel and aluminium with white powder coating finish RAL 9010.
- **ATC** Type **RWR-4**

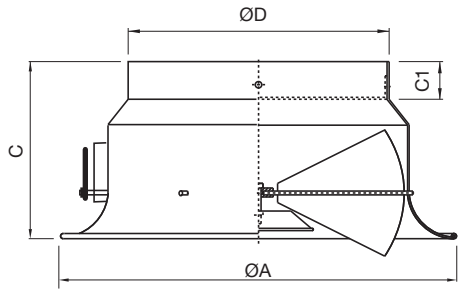
Other available products

- Motorized versions **RWR 4 B1** (24V on/off) or **RWR 4 B2** (230V on/off) available upon request

Order example

- **RWR-4, 400**

Explanation
RWR-4 = Diffuser type
400 = Neck size of diffuser



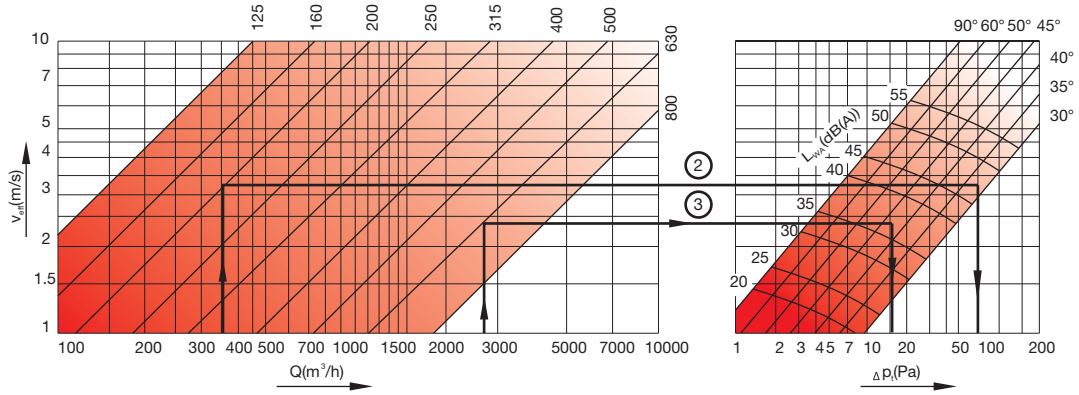
Dimensions

Модел	ØD [mm]	ØA [mm]	C [mm]	C1 [mm]
125	125	205	130	40
160	160	250	155	40
200	200	310	174	40
250	250	400	200	40
315	315	480	240	40
400	400	615	265	55
500	500	790	320	60
630	630	940	380	80
800	800	1142	555	75

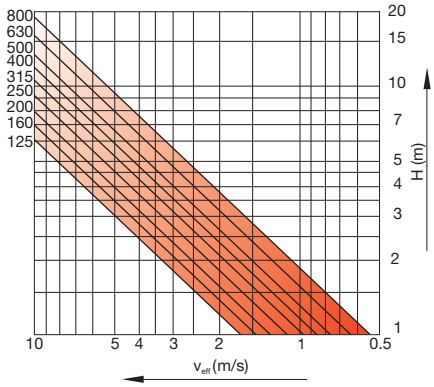
Symbols and specifications

- Values without Coanda effect
- Temperature difference Dt = -10K
- Lt 0.25 = Throw in m at vt = 0.25m/s
- Ps = Static pressure loss in Pa
- Lw = Acoustic power in dB(A)
- Qv = Air Volume in m^3/h
- Blades at ß=45° angle

Pressure loss and sound power level



Quick selection



Notes

- H = throw
- v_{eff} = effective velocity
- Q = air flow rate
- L_{WA} = sound pressure level

- Δp_t = pressure drop
- **Example 2 (cooling)**
  - Q = 350 m^3/h
  - L_{WA} = 48 dB(A)
  - Δp_t = 77 Pa
  - Blade angle: 32°
- **Example 3 (cooling)**
  - Q = 2700 m^3/h
  - L_{WA} = 44 dB(A)
  - Δp_t = 16 Pa
  - Blade angle: 44°