

DFR-N – swirl anemostat with adjustable nozzles



Type	DFR-N-SR	DFR-N-SS
DFR-N 600	•	•

PQZ-EKO / PQZI-EKO plenum boxes

	throat				
AxA [mm]	Ø [mm]	PQZ-V EKO RE-S	PQZI-V EKO RE-S	PQZ-H EKO RE-S	PQZI-H EKO RE-S
600 x 600	248	•	•	•	•

Technical parameters

Version

Swirling anemostat with adjustable nozzles.

Construction

Anemostats are made of steel sheet metal with white firing paint (RAL 9016), nozzles are white (RAL 9016), made of ABS plastic.

Installation

Anemostats are intended for installation in the ceiling for air supply. Installation height 2.6 – 4.1 m.

Mounting

Anemostat fixing with side screws or via central screw and mounting bracket.

Accessories

Galvanized steel plenum boxes, standard or isolated. The boxes are equipped as standard with a regulating valve and a perforated sheet and a bracket for attaching the anemostat plate.

Type key for ordering

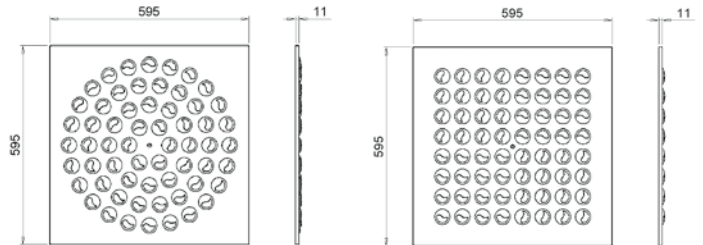
DFR-N 600 SR

1 2

- 1 – anemostat size (600)
- 2 – SR – design with a circular layout nozzles, total 60 nozzles per panel
- SS – Square layout design nozzles, a total of 64 nozzles per panel

PQZ / PQZI plenum boxes

	throat				
AxA [mm]	Ø [mm]	PQZ-V RE-S	PQZI-V RE-S	PQZ-H RE-S	PQZI-H RE-S
600 x 600	248	•	•	•	•



DFR-N-SR

DFR-N-SS

7²

Type	A _v [m ²]	Q [m ³ /h]		L _{wa} [dB(A)]		X _{0,20} [m]		Δp, [Pa]	
		min	max	min	max	min	max	min	max
DFR-N-SR 600	0,0155	170	390	20	36	1,7	4,8	10	50
DFR-N-SS 600	0,0165	180	420	20	35	2,3	6,2	10	50

Explanatory notes:

Q [m³/h] – air flow

A_v [m²] – free discharge area

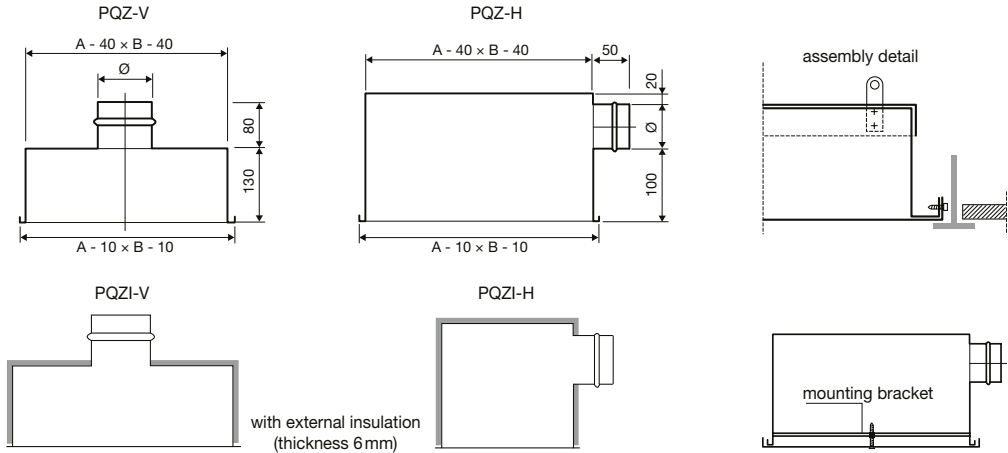
Δp, [Pa] – total pressure drop

L_{wa} [dB(A)] – acoustic performance

X_{0,20} [m] – air flow range to obtain a comfortable air speed in the living area under isothermal conditions 0.20 m/s

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Plenum boxes PQZ / PQZI



■ **Type key for ordering**

plenum boxes PQZ / PQZI

PQZ - V 6 0 0 RE - S
1 2 3 4 5

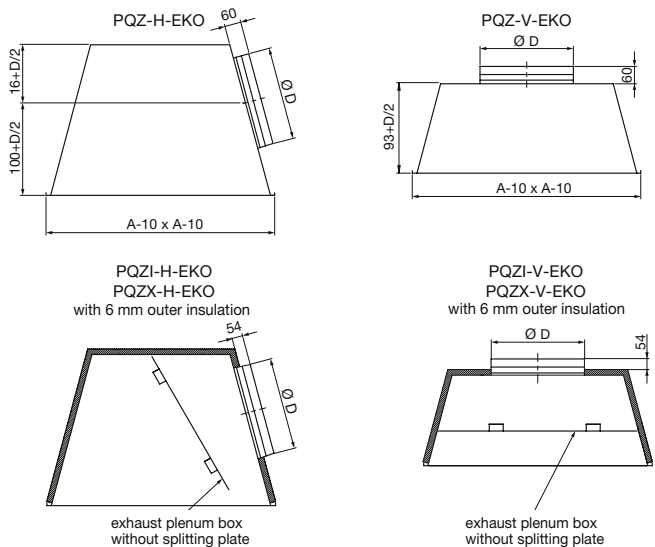
- 1 – implementation
PQZ – standard
PQZI – with 6 mm outer insulation
- 2 – connection
V – vertical
H – horizontal
- 3 – dimensional series of boxes
4 – RE – control damper (supply/exhaust)
5 – S – perforated plate (supply)

plenum boxes PQZ-EKO / PQZI-EKO

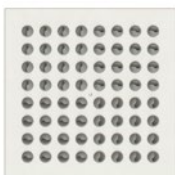
PQZ - V - EKO 6 0 0 RE - S
1 2 3 4 5

- 1 – implementation
PQZ – standard
PQZI – with Mirelon outer insulation
PQZX – with Armaflex outer insulation
- 2 – connection
V – vertical
H – horizontal
- 3 – dimensional series of boxes
4 – RE – control damper (supply/exhaust)
5 – S – perforated plate (supply)

Plenum boxes PQZ-H-EKO / PQZ-V-EKO



Additional illustration



DFR-N-SS