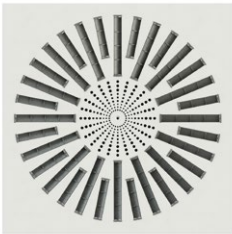


DFR-C – whirling anemostat



Type	DFR-C SS	DFR-C-SR
DFR-C 600	•	•

Technical parameters

Version

Swirling anemostats with adjustable slats.

Construction

Anemostats are made of steel sheet with white firing paint (RAL 9016). The slats are made of plastic and are provided with black color (RAL 9005).

Installation

Anemostats are intended for installation in the ceiling for air intake and exhaust (without slats). Installation height 2.5–4.1 m.

Mounting

using a central screw or side screws.

Accessories

Galvanized steel plenum boxes, standard or insulated. Feed boxes are standard with a regulation flap, perforated sheet metal and a bracket for fixing the plate anemostat. Drainage boxes are standard only with a bracket for mounting the anemostat plate (control flap on request).

Type key for ordering
whirling anemostat

DFR-C	600	SS
1	2	

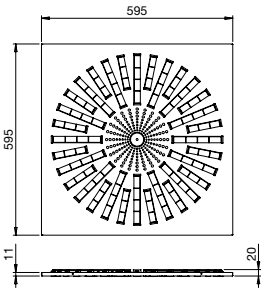
- 1 – anemostat size
2 – design (see relevant images)

PQZ-EKO / PQZI-EKO plenum boxes

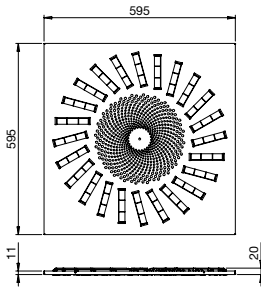
	throat								
		inlet				outlet			
AxA [mm]	Ø [mm]	PQZ-V EKO RE-S	PQZI-V EKO RE-S	PQZ-H EKO RE-S	PQZI-H EKO RE-S	PQZ-V EKO	PQZI-V EKO	PQZ-H EKO	PQZI-H EKO
600 × 600	248	•	•	•	•	•	•	•	•

PQZ / PQZI plenum boxes

	throat								
		inlet				outlet			
AxB [mm]	Ø [mm]	PQZ-V RE-S	PQZI-V RE-S	PQZ-H RE-S	PQZI-H RE-S	PQZ-V	PQZI-V	PQZ-H	PQZI-H
600×600	248	•	•	•	•	•	•	•	•



DFR-C SS



DFR-C SR

Type	A _k [m²]	Q [m³/h]		L _{wa} [dB(A)]		X _{0,20} [m]		Δp _t [Pa]	
		min	max	min	max	min	max	min	max
DFR-C 600 SS	0,0643	490	1060	24	41	2,1	4,5	10	50
DFR-C 600 SR	0,0283	270	520	30	48	3,2	4,3	10	50

Explanatory notes:

Q [m³/h] – air flow

A_k [m²] – free discharge area

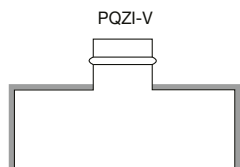
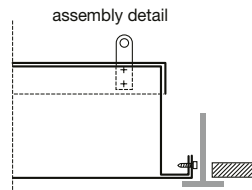
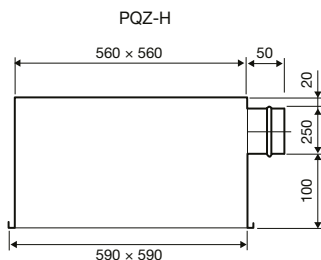
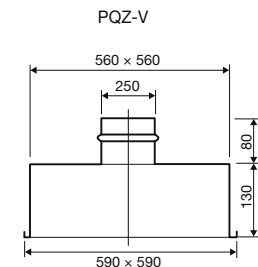
Δp_t [Pa] – total pressure drop

L_{wa} [dB(A)] – acoustic performance

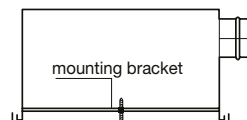
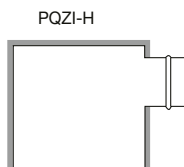
X_{0,20} [m] – air flow range to obtain a comfortable air speed in the living area under isothermal conditions 0.20 m/s

DFR-C – whirling anemostat

Plenum boxes PQZ / PQZI



with external insulation
(thickness 6 mm)



■ Type key for ordering

plenum boxes PQZ / PQZI

PQZ - V 600 RE - S
1 2 3 4 5

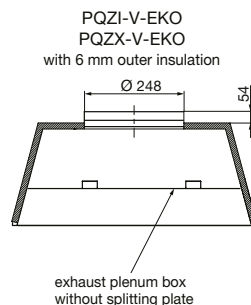
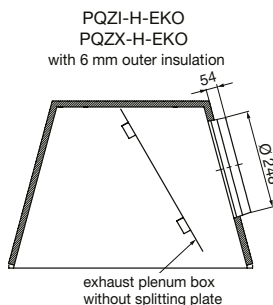
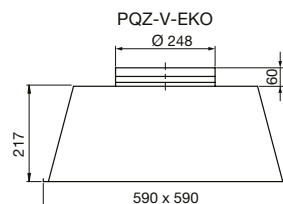
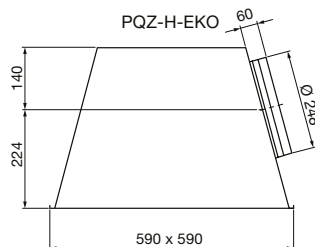
- 1 – implementation
PQZ – standard
PQZI – with 6 mm outer insulation
- 2 – connection
V – vertical
H – horizontal
- 3 – dimensional series of boxes
- 4 – RE – control damper (supply/exhaust)
- 5 – S – perforated plate (supply)

plenum boxes PQZ-EKO / PQZI-EKO

PQZ - V - EKO 600 RE - S
1 2 3 4 5

- 1 – type
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-C SR