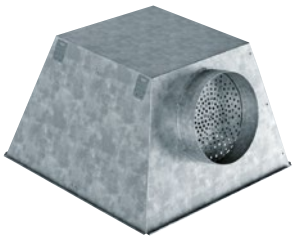
PQZ-EKO – plenum boxes compact



	throat	inlet				outlet			
A×A [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 RE	PQZI-V EKO RE	PQZ-H EKO RE	PQZI-H EKO RE
300	123	•	•	•	•	•	•	•	•
400	148	•	•	•	•	•	•	•	•
500	198	•	•	•	•	•	•	•	•
600	248	•	•	•	•	•	•	•	•
625	298	•	•	•	•	•	•	•	•
800	348	•	•	•	•	•	•	•	•
825	348	•	•	•	•	•	•	•	•

Technical parameters

Version
Plenum boxes for swirl anemostats with connection to a square face plate. The shape of the truncated four-sided pyramid of the plenum boxes allows stacking and thus saves space during transport.

Construction
Plenum boxes are intended for supply and discharge in horizontal or vertical direction. Plenum boxes are made of galvanized sheet metal. Regulation is carried out by turning the control damper using cables.

Installation
Plenum boxes are attached to M8 threaded rods (rods are not included in the package).

Mounting
The plenum box needs to be fitted with a circular socket, a splitting plate and a bracket for attaching the front plate. Mounting is done using self-tapping screws in sheet metal Ø 4.2 × 16 mm (screws are included in the package). The front plate is fixed to the console with an M6 central screw, which is included with the front plate.

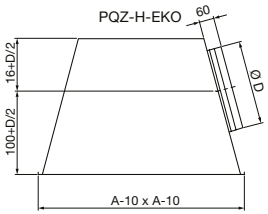
Accessories
Plenum boxes are supplied in standard design or with external Mirelon insulation. For an additional fee, it is possible to deliver it with external Armaflex insulation. Feed boxes are supplied as standard with a control damper, a baffle plate and a bracket for fixing the front plate. Drain boxes are supplied as standard with a control flap and a bracket for fixing the face plate.

Type key for ordering

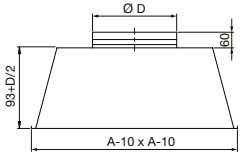
PQZ-V-EKO 600 RE-S
1 2 3 4 5

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)

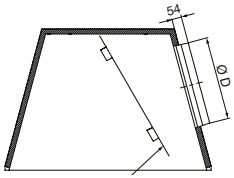
PQZ-H-EKO



PQZ-V-EKO

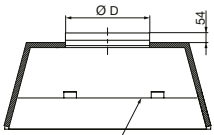


PQZI-H-EKO
PQZX-H-EKO
with 6 mm outer insulation

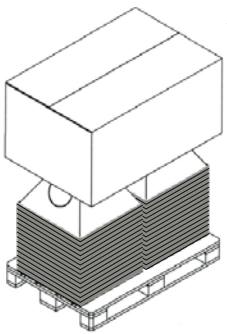


exhaust plenum box
without splitting plate

PQZI-V-EKO
PQZX-V-EKO
with 6 mm outer insulation



exhaust plenum box
without splitting plate



easy to stack and transport on a pallet

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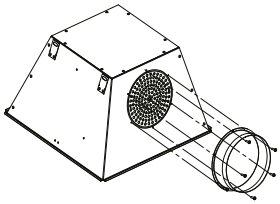
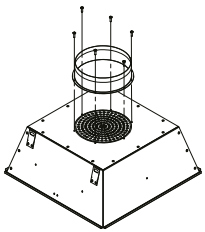
Mounting

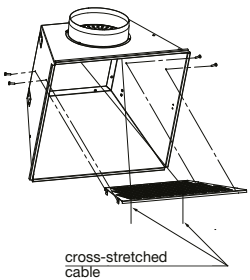
PQZ-H-EKO **PQZ-V-EKO**

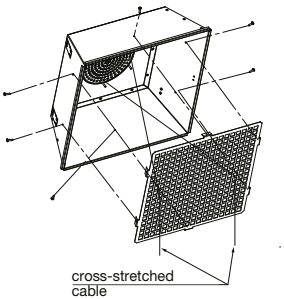
1. Screw the circular connector into the prepared holes on the front side of the box using the enclosed sheet metal screws.





2. (Input box only) Screw the splitting (perforated) plate into the prepared holes on the sides of the box using the supplied sheet metal screws and pull the cables through the holes in the half of the splitting plate in a cross.





3. Screw the bracket for attaching the front plate of the anemostat to the prepared holes on the sides of the box using the supplied sheet metal screws and pull the cable through the holes on the bracket.