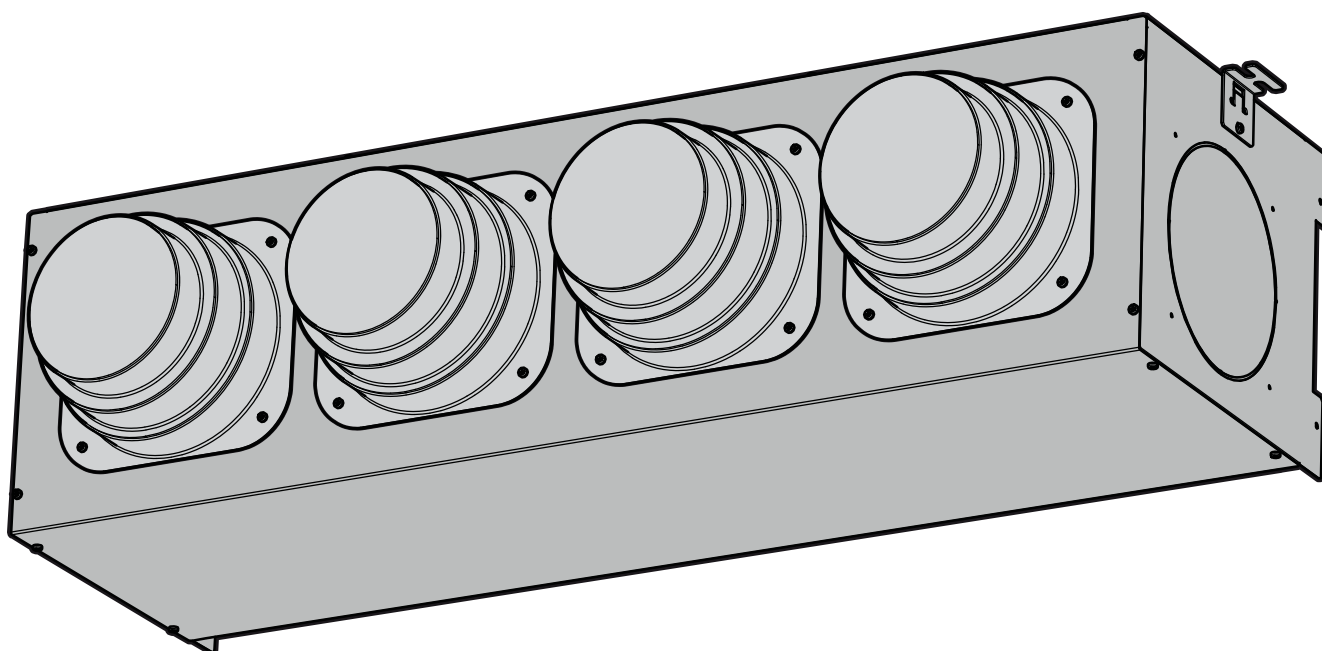


PM_V

Plenum di mandata con flange circolari
Flow plenum with circular flanges
Plenum de soufflage avec brides circulaires
Zuluft-Plenum mit runden Flanschen
Cámara de sobrepresión de impulsión con bridas circulares



- IT pag. 2
- GB pag. 5
- FR pag. 7
- DE pag. 9
- ES pag. 11



DESCRIPTION

PM_V is a flow plenum made of galvanised sheet metal, fully insulated with plastic circular flanges having variable section. This accessory allows connecting channels with circular section to the flow vent of the VED unit.

According to requirements, the PM_V accessory allows for delivery both longitudinal and perpendicular to the air flow passing through the VED unit.

The sides of the PM_V flow plenum are set for the connection of an additional circular section channel by means of the KfV accessory.

COMPONENTS OF THE KIT:

- Flow plenum
- 4 circular flanges in PM450V size
5 circular flanges in PM670V size
- 2 fixing brackets
- 1 support bracket in PM670V size
- 22 self threading screws in PM450V size
26 self threading screws in PM670V size
- 3 gaskets with adhesive side

⚠ The appliance must be installed in compliance with national regulations on this subject. Before carrying out any intervention, wear the appropriate personal protection equipment. Before installing the plenum, it is important to decide the flow direction (longitudinal or perpendicular).

INSTALLING THE VARIABLE SECTION CIRCULAR FLANGES

- Choose the most suitable diameter among those available (Ø 200mm, Ø 180mm, Ø 150mm).
- Remove the circular flange closing disk, cutting into the front of it (from the inside) with a cutting tool. The plastic on the corners of the circular flow is thinner to ease cutting (fig.14).
- Use the self-threading screws to fasten the flanges on the PM_V plenum (fig.1).

LONGITUDINAL INSTALLATION OF THE FLOW PLENUM

- Stick the adhesive side of the shorter insulating gasket (A) on the internal bend of the closing panel (fig.2).
- Stick the adhesive side of the two longer gaskets on the external side of the bends (B) (fig.2).
- Use the four screws provided to fasten the PM_V accessory to the unit flow vent (fig.3).
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.4).
- In the PM670V size, the external support bracket must be installed with the 4 screws provided (fig.5).

PERPENDICULAR INSTALLATION OF THE FLOW PLENUM

- Remove the ten fixing screws of the PM_V accessory (fig.6).
- Rotate the flange downwards and fasten it using the screws removed at the previous point (fig.6).
- Stick the adhesive side of the shorter insulating strip on the internal bend of the closing panel (A), (fig.7).
- Stick the adhesive side of the two longer gaskets on the external side of the bends (B) (fig.7).
- Use the four screws provided to fasten the PM_V accessory to the unit flow vent (fig.8).
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.9).
- In the PM670V size, the external support bracket must be installed with the 4 screws provided (fig.10).

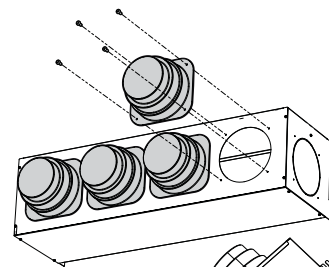


Fig.1

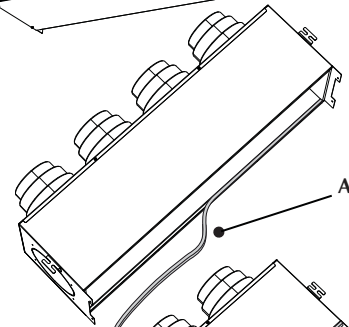


Fig.2

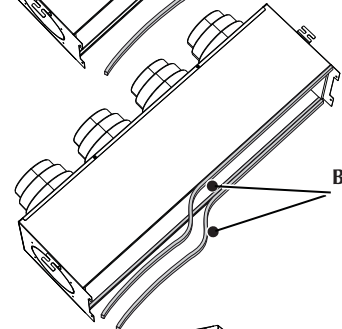


Fig.3

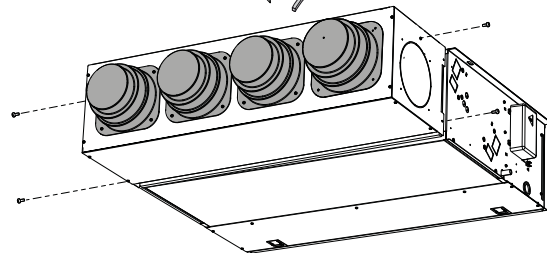


Fig.4

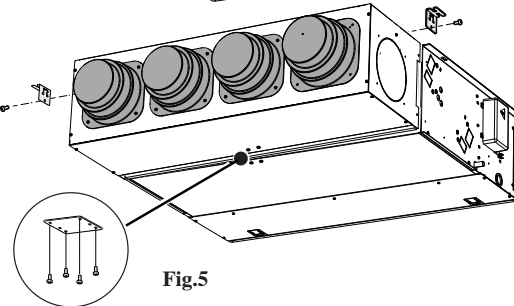


Fig.5



PM670V

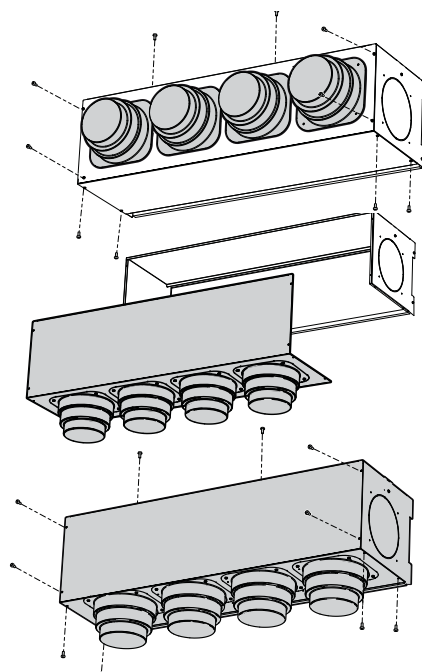


Fig.6

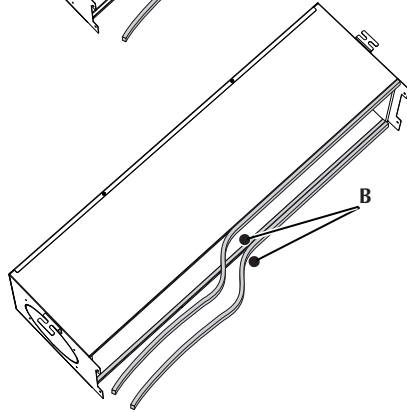
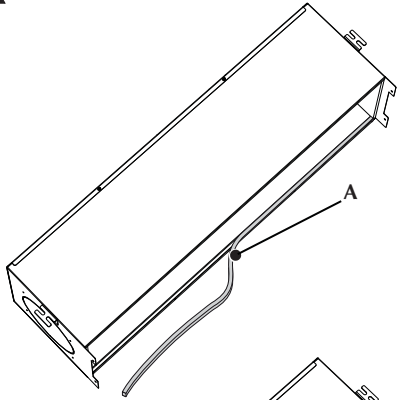


Fig.7

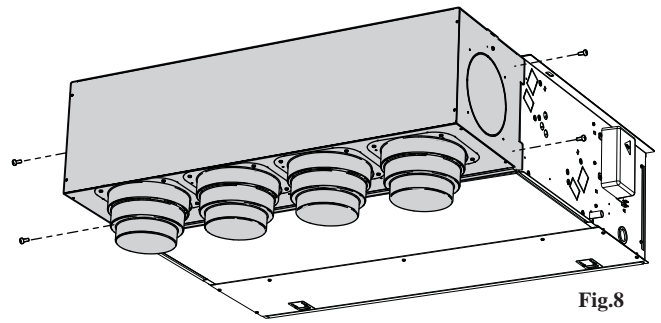


Fig.8

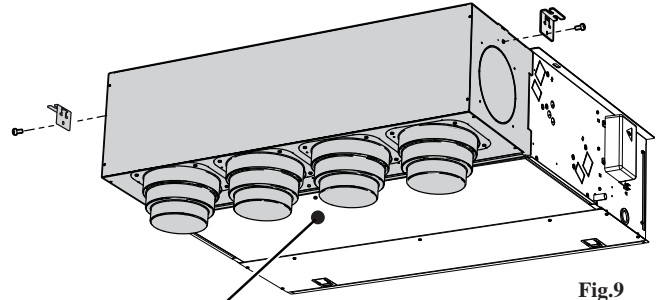


Fig.9

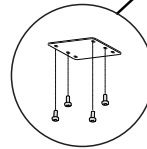


Fig.10



PM670V

INSTALLING THE FLOW CIRCULAR FLANGE KIT (KJV ACCESSORY)

The sides of the PM_V flow plenum are set for the connection of an additional circular section channel by means of the KJV accessory (flow flange kit).

- Use cutting nippers to remove the four junction points of the sheet metal push-out element (fig.11).
- Use a cutting tool to cut the internal insulation from the outside along the circumference and remove it (fig.12).
- Prepare the flange as indicated in the KJV accessory instructions.
- Use the four screws to fasten the KJV accessory (fig.13).

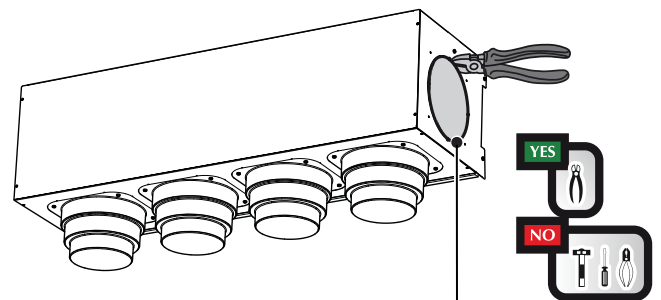
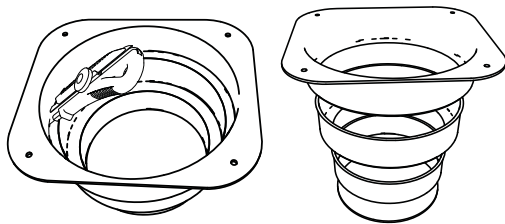
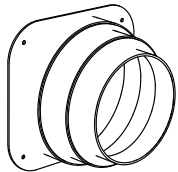


Fig.11

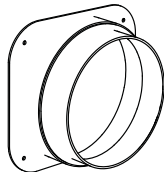
Fig.14



Ø 150



Ø 180



Ø 200

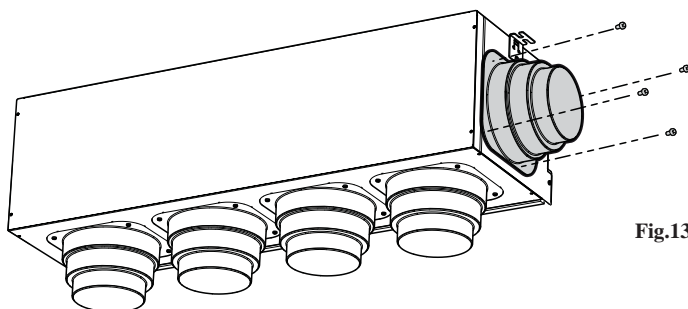
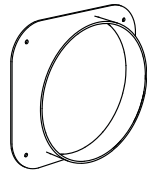


Fig.13

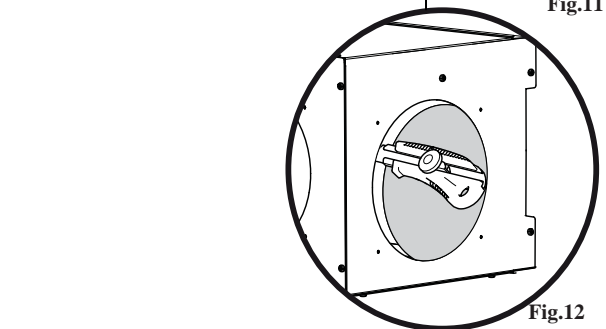
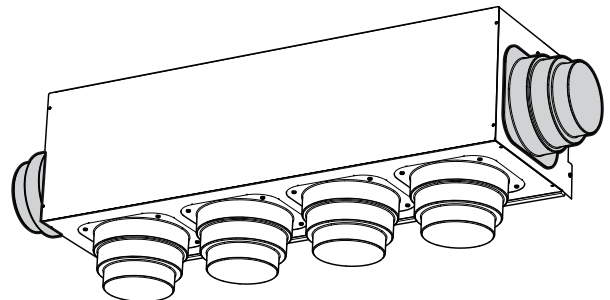
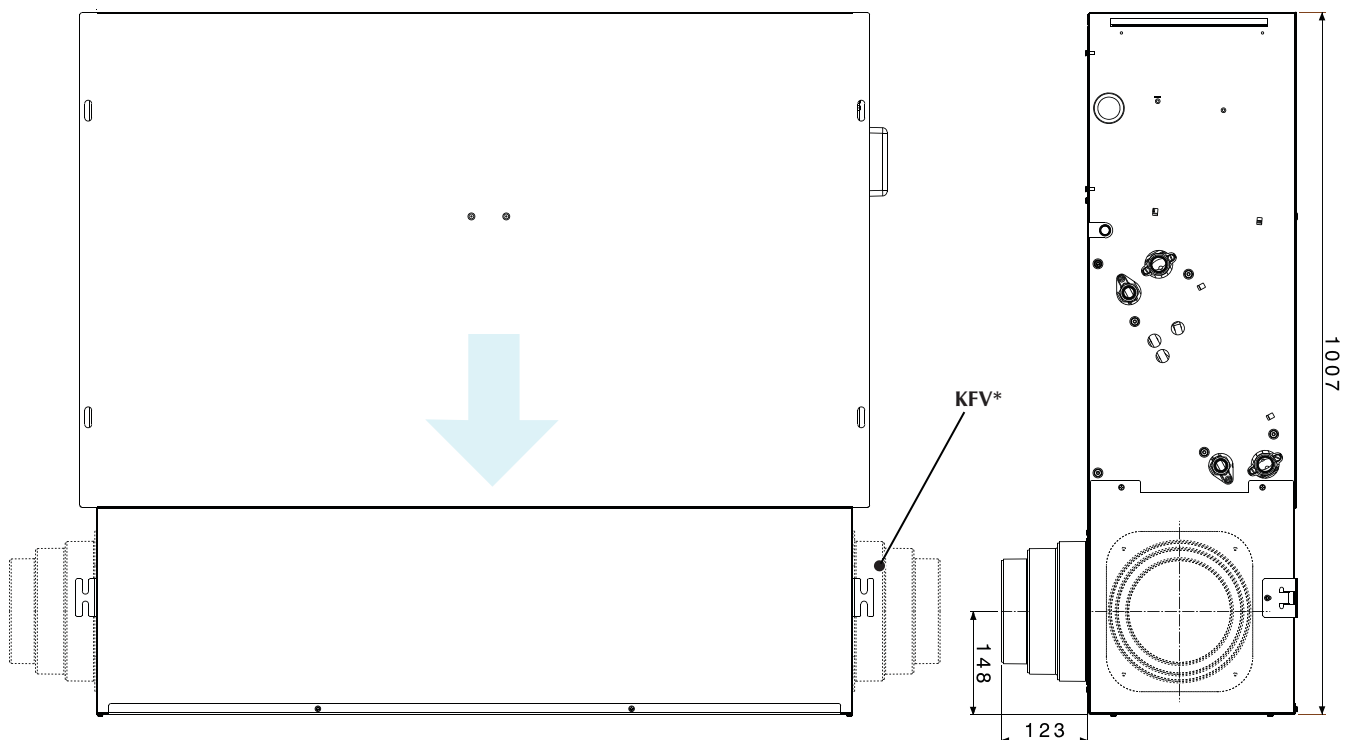
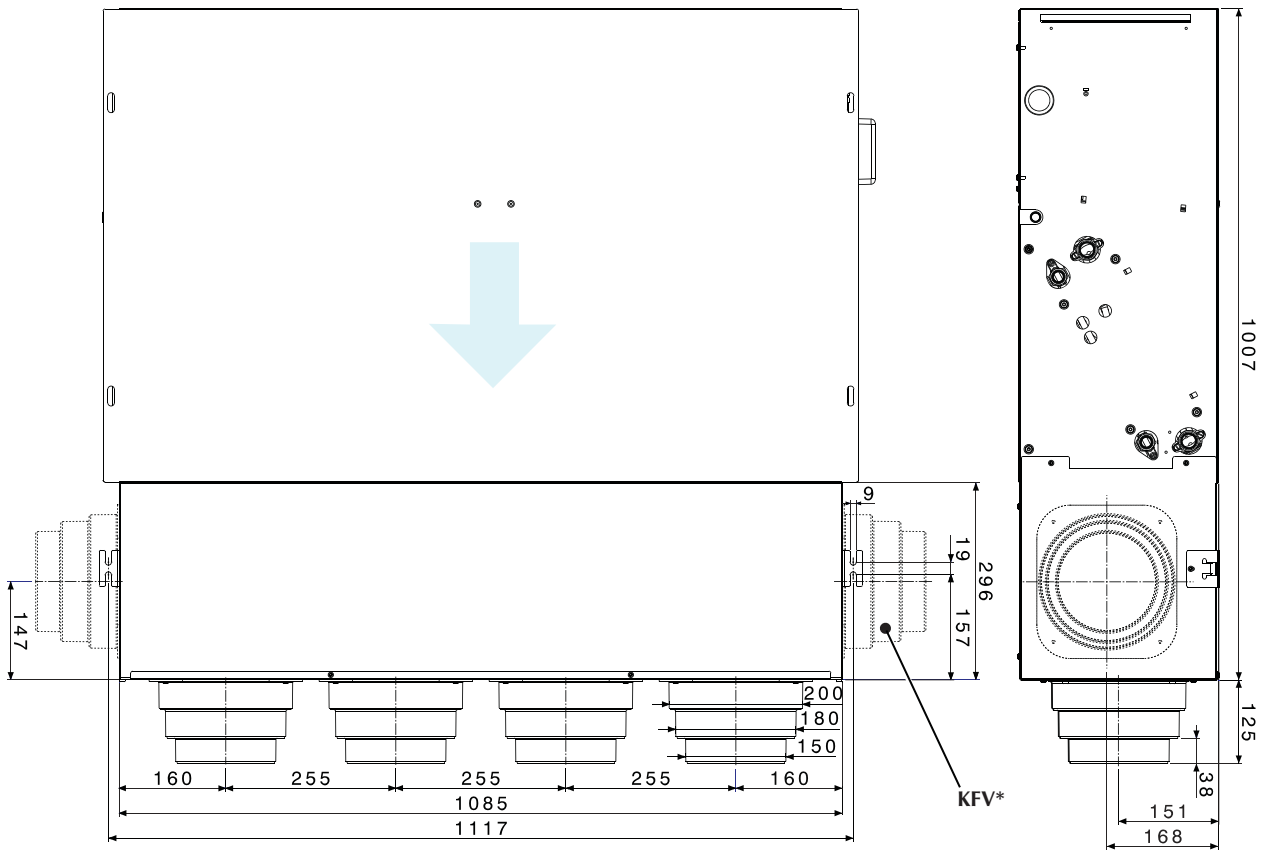


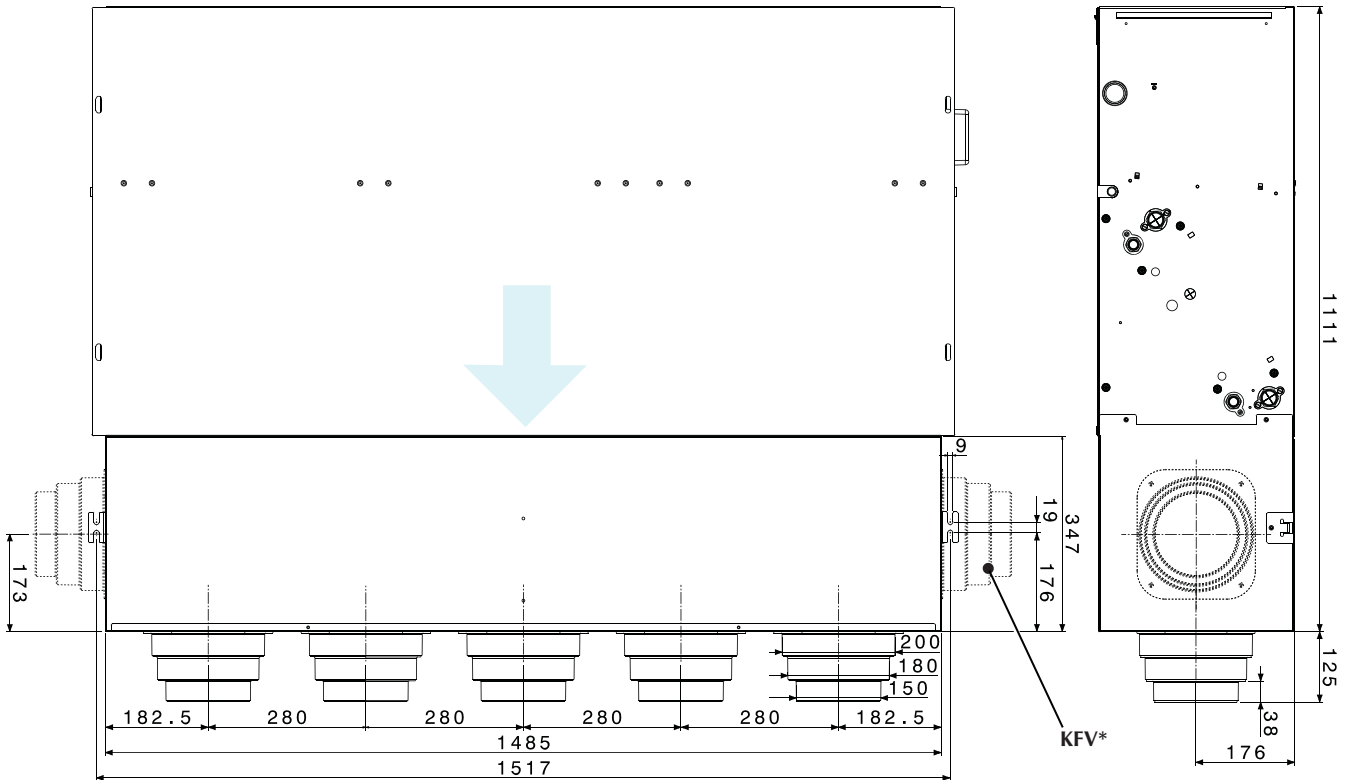
Fig.12



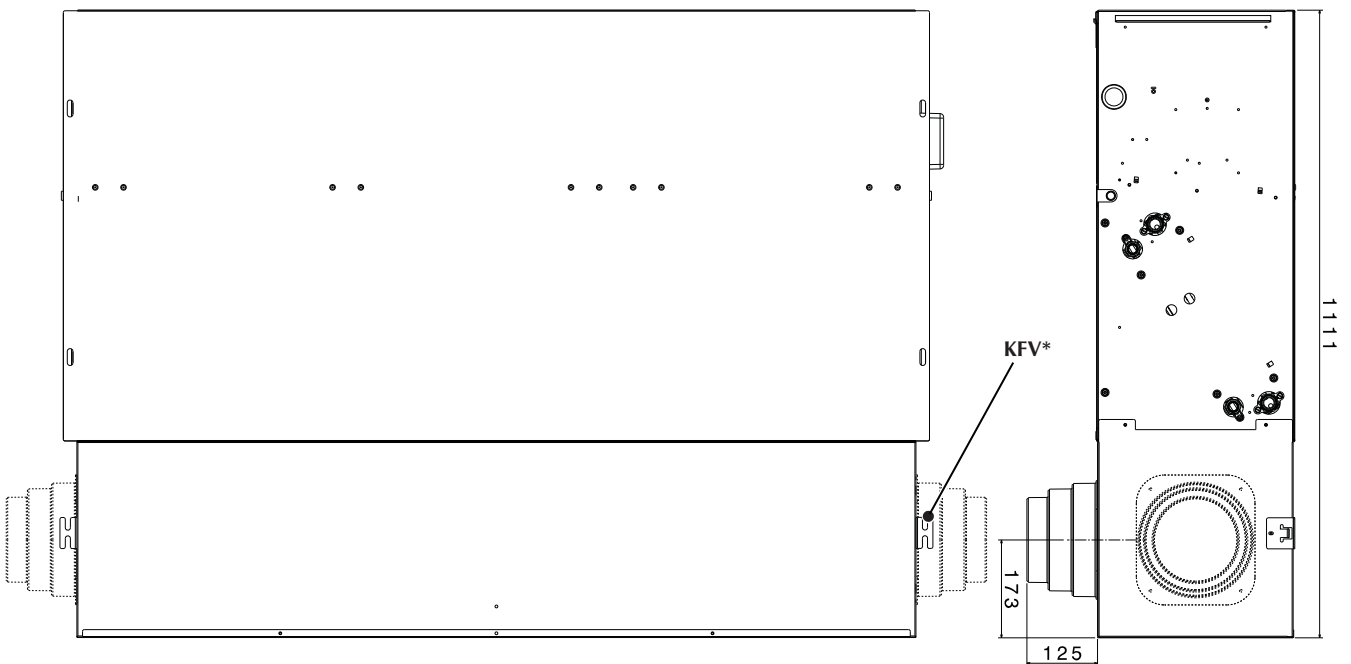


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