

PA_V

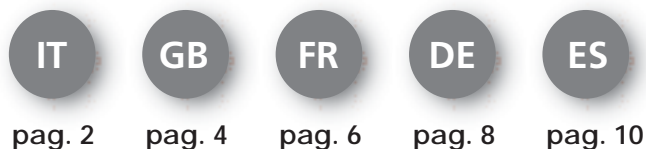
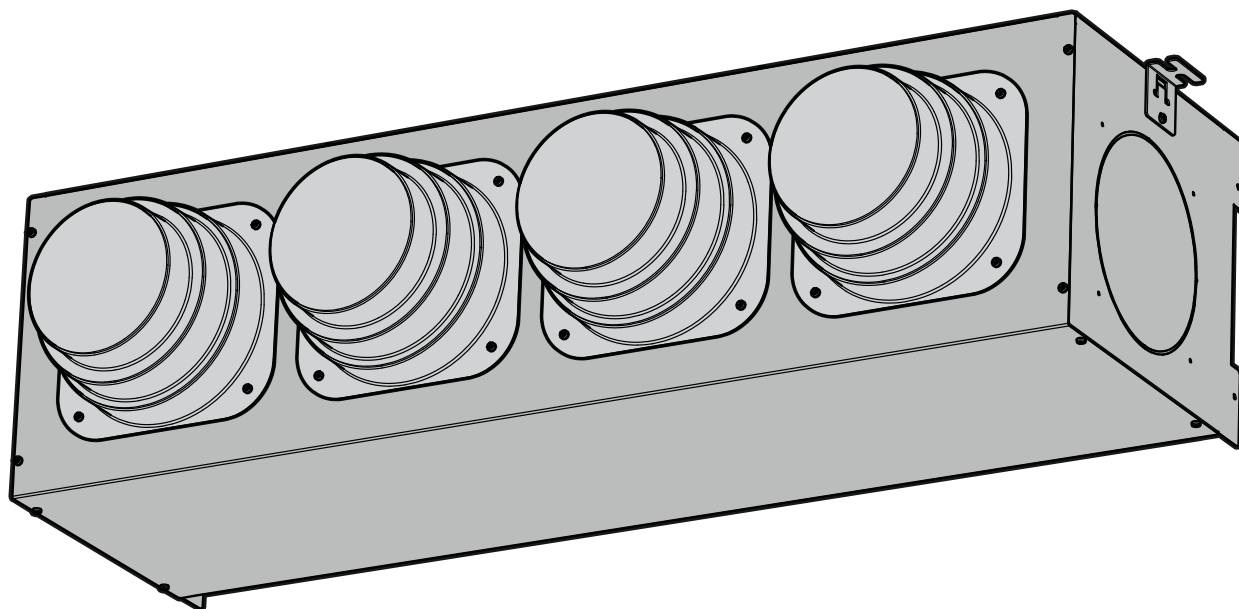
Plenum di aspirazione con flange circolari

Intake plenum with circular flanges

Plenum d'aspiration avec bagues circulaires

Ansaugplenum mit Rundflanschen

Cámara de sobrepresión de aspiración con bridas circulares



DESCRIPTION

PA_V is an intake plenum made of galvanised sheet metal with plastic circular flanges having variable section. This accessory allows connecting channels with circular section to the intake vent of the VED unit.

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

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

COMPONENTS OF THE KIT:

- Intake plenum
- 4 circular flanges in size PA450V;
5 circular flanges in size PA670V
- 2 fixing brackets
- 22 self-threading screws in size PA450V;
26 self-threading screws in size PA670V
- Gasket 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 intake direction (longitudinal or perpendicular).

INSTALLING THE VARIABLE SECTION CIRCULAR FLANGES

- Select the most suitable diameter for the installation from 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 PA_V plenum (fig.1).

LONGITUDINALE INSTALLATION OF THE INTAKE PLENUM (WITH STANDARD FILTER)

- Use the four screws provided to fasten the PA_V accessory directly to the unit intake vent (fig. 2)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.3)
- The filter remains in its original position and can be extracted for routine maintenance/replacement (fig.4).

LONGITUDINALE INSTALLATION OF THE INTAKE PLENUM (WITHOUT STANDARD FILTER)

For installation without standard filter proceed as follows:

- Loosen the two filter retainers
- Remove the filter (fig5.)
- Remove the ventilation compartment closure panel (fig.6)
- Stick the adhesive side of the gasket (provided) onto the bend of the ventilation compartment closure panel (fig.7)
- Re-mount the ventilation compartment closure panel (fig.8)
- Use the four screws provided to fasten the PA_V accessory directly to the unit intake vent (fig. 2)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.3)
- Complete installation by connecting the intake channel and the relative intake grid (not provided) equipped with filter.

⚠ The installation of a filter is mandatory.

PERPENDICULAR INSTALLATION OF THE INTAKE PLENUM (WITH STANDARD FILTER)

- Remove the ten screws of the PA_V accessory (fig.9). For size PA670V the two lower screws of the internal support bracket must also be removed
- Rotate the flange downwards and fasten it using the screws

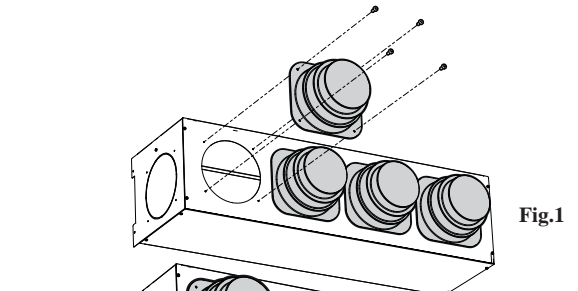


Fig.1

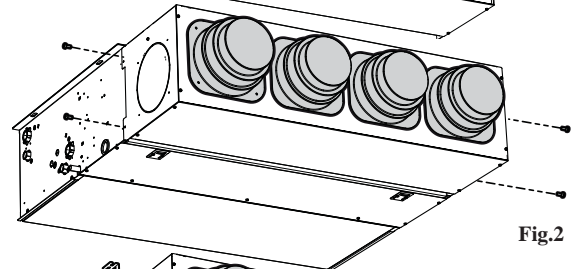


Fig.2

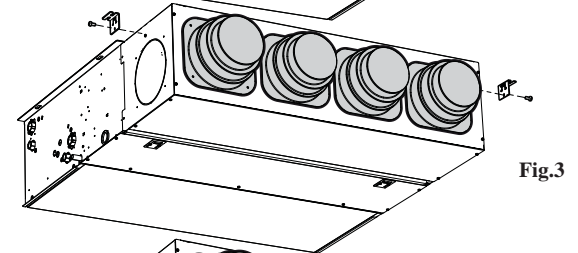


Fig.3

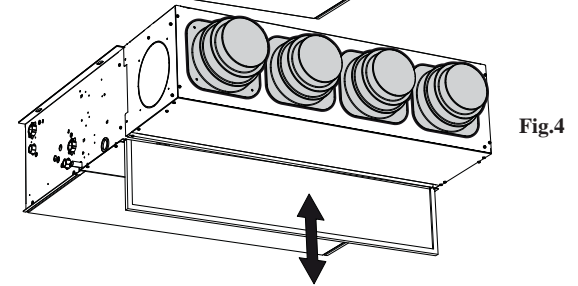


Fig.4

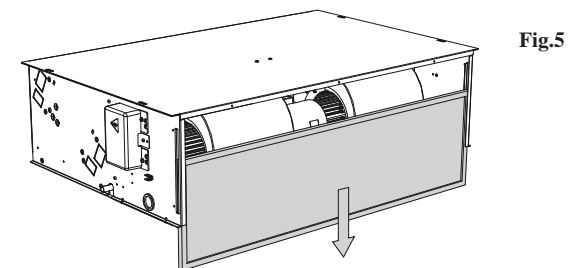


Fig.5

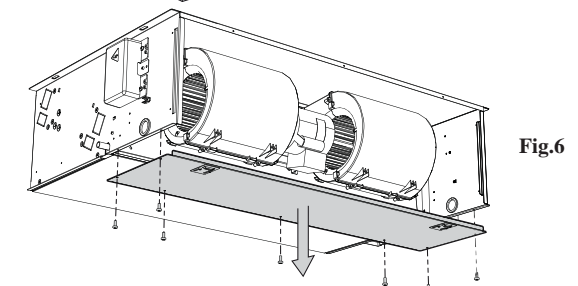


Fig.6

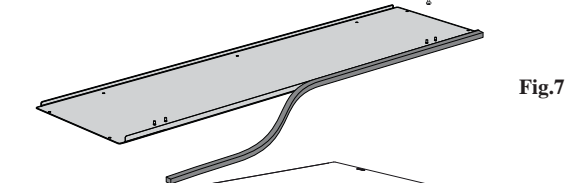


Fig.7

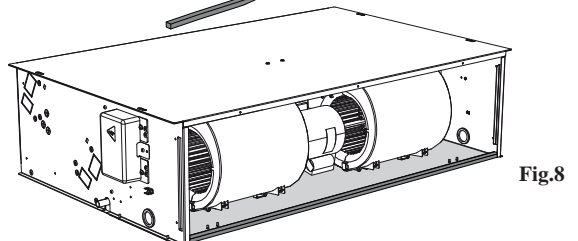


Fig.8

removed at the previous section (fig.10)

- Use the four screws provided to fasten the PA_V accessory to the unit intake vent (fig. 11)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.12)
- The filter remains in its original position and can be extracted for routine maintenance/replacement (fig.3).

PERPENDICULAR INSTALLATION OF THE INTAKE PLENUM (WITHOUT STANDARD FILTER)

- Loosen the two filter retainers
- Remove the filter (fig.5)
- Remove the ventilation compartment closure panel (fig.6)
- Stick the adhesive side of the gasket (provided) onto the bend of the ventilation compartment closure panel (fig.7)
- Re-mount the ventilation compartment closure panel (fig.8)
- Remove the ten fastening screws of the plenum closure (fig.9). For size PA670V the two lower screws of the internal support bracket must also be removed
- Rotate the flange downwards and fasten it using the screws removed at the previous section (fig.10)
- Use the four screws provided to fasten the PA_V accessory to the unit intake vent (fig. 11)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.12)
- Complete installation by connecting the intake channel and the relative intake grid (not provided) equipped with a filter.

⚠ The installation of a filter is mandatory.

INSTALLING THE INTAKE CIRCULAR FLANGE KIT (KJV ACCESSORY)

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

- Use cutting nippers to remove the four junction points of the sheet metal push-out element (fig.13)
- Use a cutting tool to cut the internal insulation from the outside along the circumference and remove it (fig.14)
- Prepare the flange as indicated in the KJV accessory instructions
- Use the four screws to fasten the KJV accessory (fig.15).

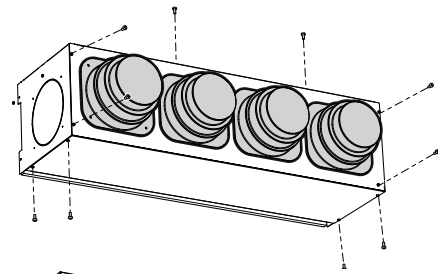


Fig.9

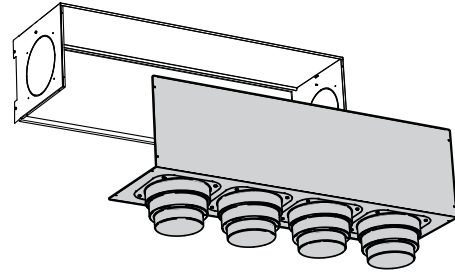


Fig.10

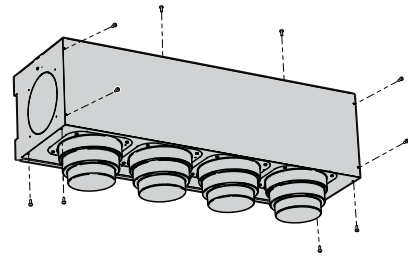


Fig.11

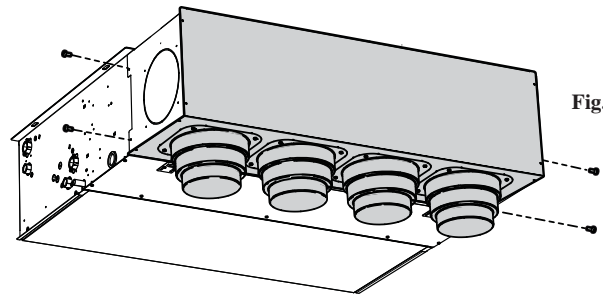


Fig.12

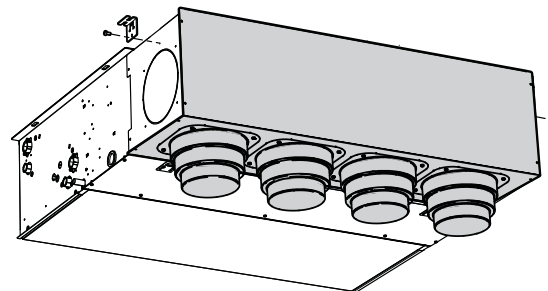


Fig.13

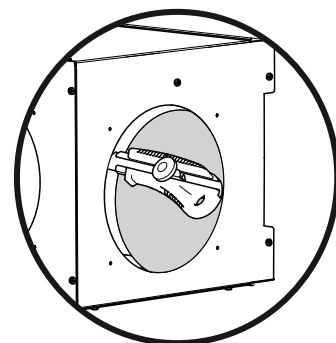
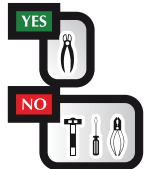
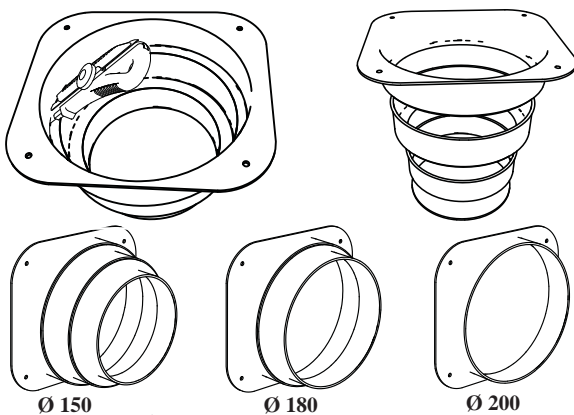


Fig.14

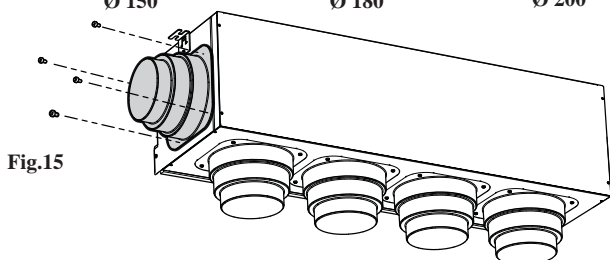
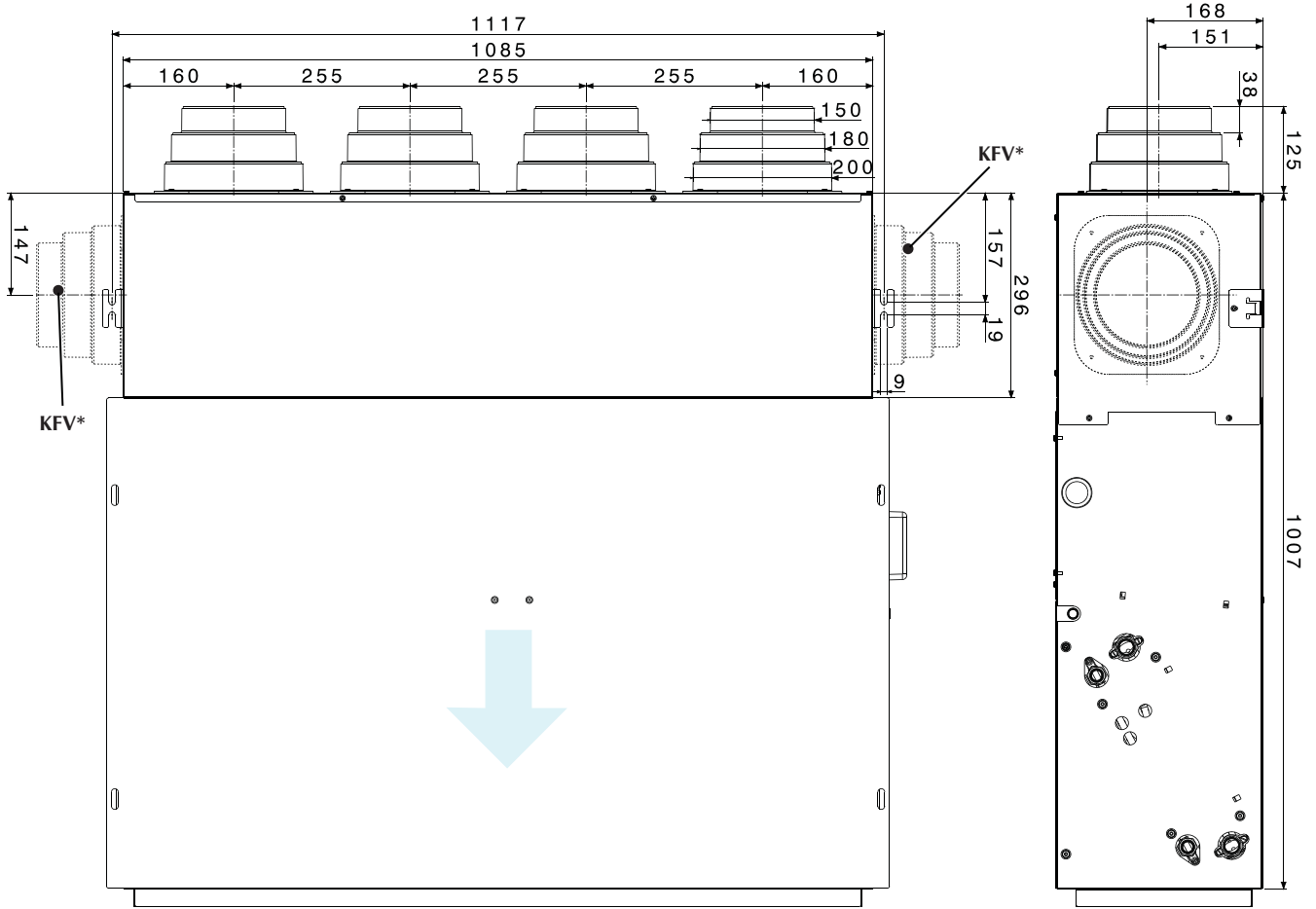
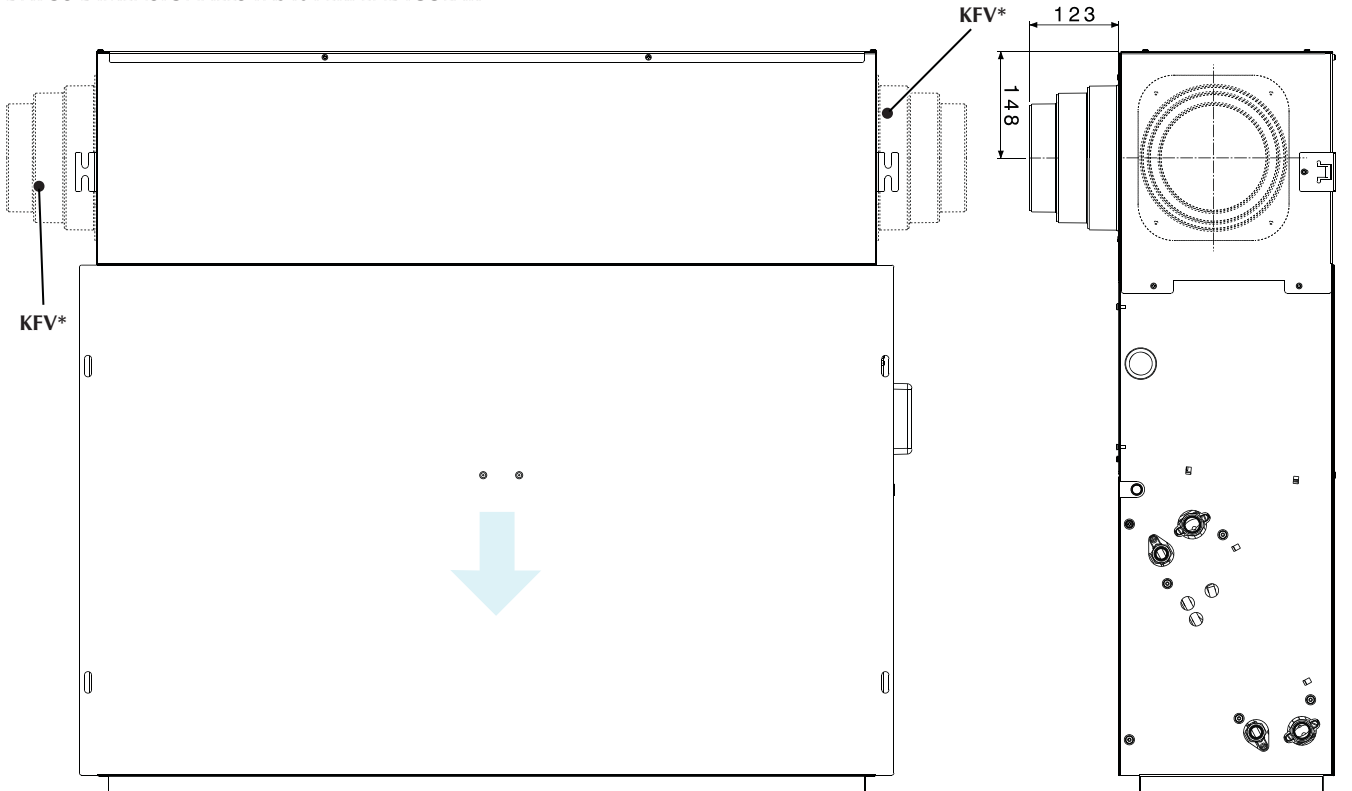


Fig.15

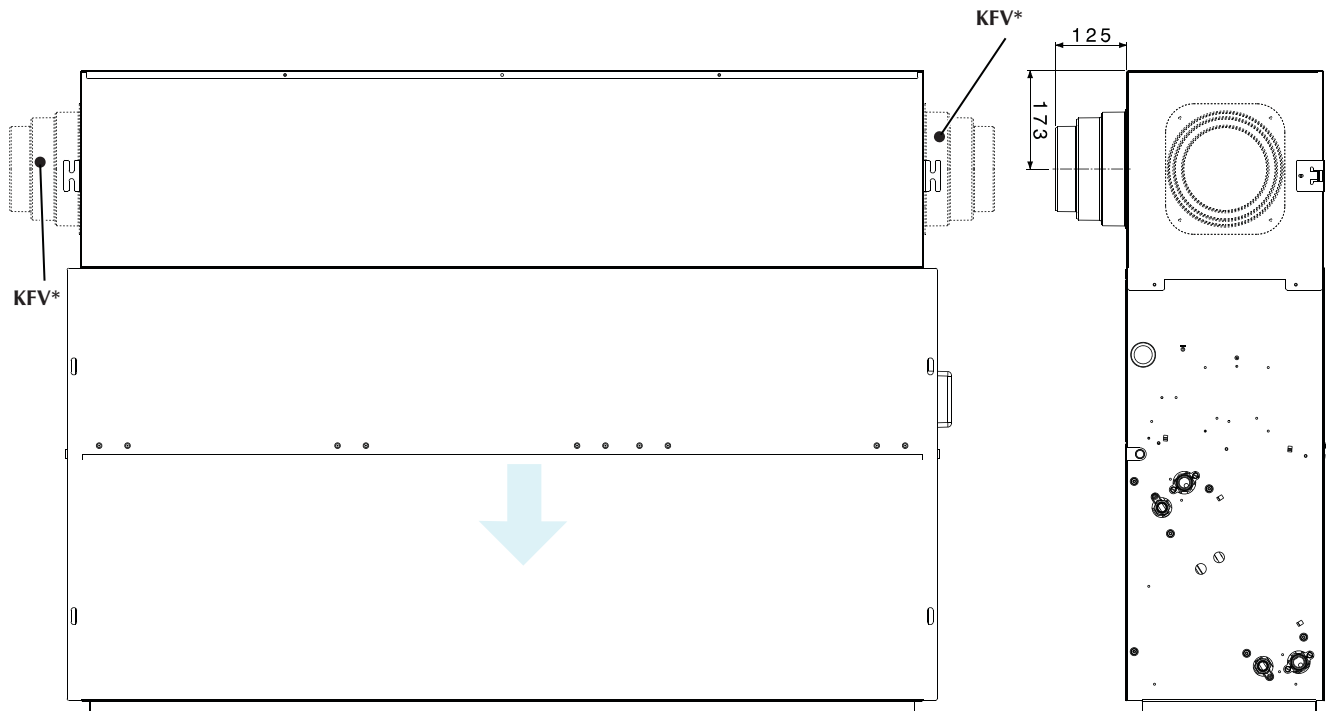
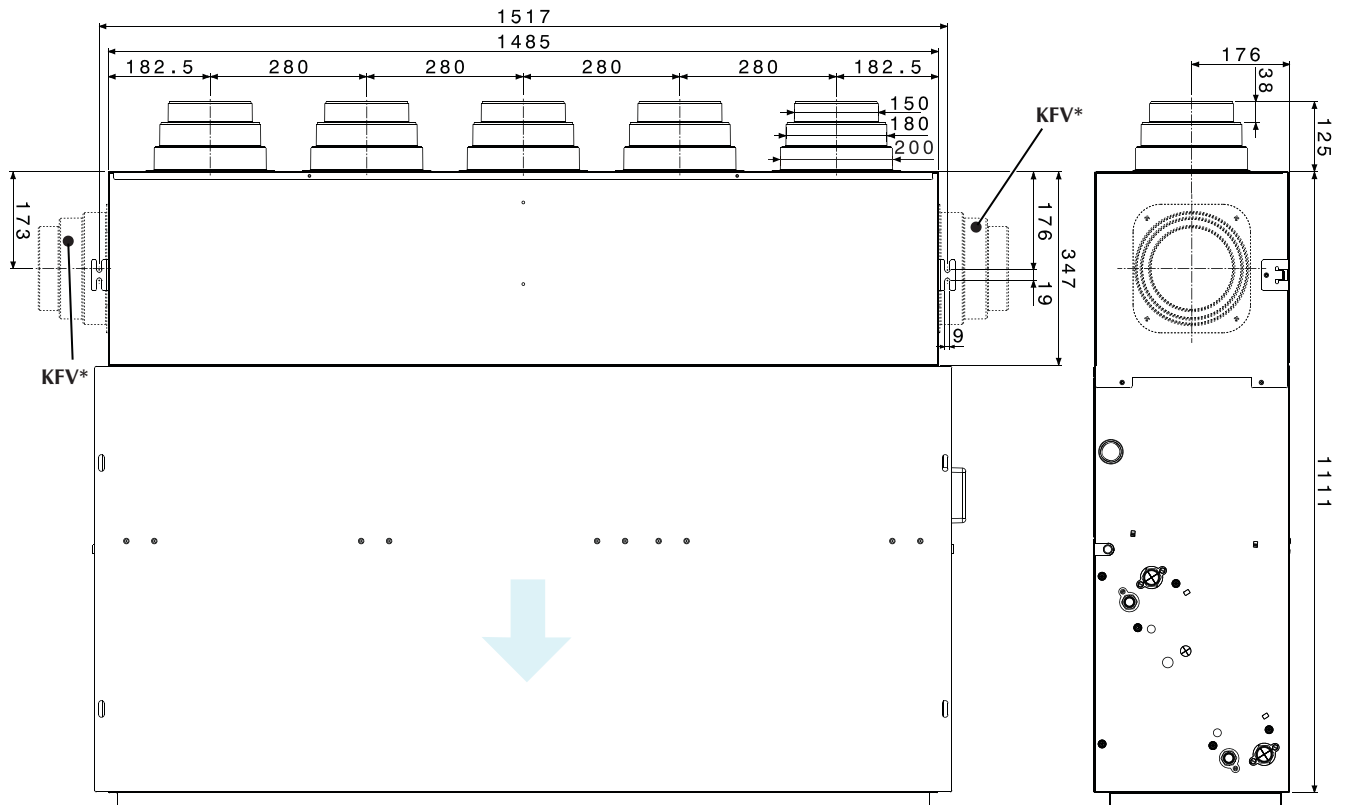
DATI DIMENSIONALI PA450V LONGITUDINALE / LONGITUDINAL PA450V DIMENSIONAL DATA
 DONNEES DIMENSIONNELLES PA450V LONGITUDINAL / ABMESSUNGEN PA450V „LÄNGS“
 DATOS DIMENSIONALES PA450V LONGITUDINAL



DATI DIMENSIONALI PA540V PERPENDICOLARE / PERPENDICULAR PA540V DIMENSIONAL DATA
 DONNEES DIMENSIONNELLES PA540V PERPENDICULAIRE / ABMESSUNGEN PA540V „SENKRECHT“
 DATOS DIMENSIONALES PA540V PERPENDICULAR



* = ACCESSORIO KfV DA ACQUISTARE SEPARATAMENTE / KfV ACCESSORY TO BE PURCHASED SEPARATELY
 ACCESSOIRE KfV A ACHETER SEPAREMENT / ZUBEHÖR KfV, SEPARAT ERHÄLTICH
 ACCESORIO KfV QUE SE DEBE COMPRAR POR SEPARADO



* = ACCESSORIO KfV DA ACQUISTARE SEPARATAMENTE / KfV ACCESSORY TO BE PURCHASED SEPARATELY
 ACCESSOIRE KfV A ACHETER SEPARMENT / ZUBEHÖR KfV, SEPARAT ERHÄLTICH
 ACCESORIO KfV QUE SE DEBE COMPRAR POR SEPARADO

I dati tecnici riportati nella presente documentazione non sono impegnativi.

AERMEC S.p.A. si riserva la facoltà di apportare in qualsiasi momento tutte le modifiche ritenute necessarie per il miglioramento del prodotto.

Les données mentionnées dans ce manuel ne constituent aucun engagement de notre part. Aermec S.p.A. se réserve le droit de modifier à tous moments les données considérées nécessaires à l'amélioration du produit.

Technical data shown in this booklet are not binding.

Aermec S.p.A. shall have the right to introduce at any time whatever modifications deemed necessary to the improvement of the product.

Im Sinne des technischen Fortschrittes behält sich Aermec S.p.A. vor, in der Produktion Änderungen und Verbesserungen ohne Ankündigung durchzuführen.

Los datos técnicos indicados en la presente documentación no son vinculantes.

Aermec S.p.A. se reserva el derecho de realizar en cualquier momento las modificaciones que estime necesarias para mejorar el producto.

AERMEC S.p.A.

I-37040 Bevilacqua (VR) - Italia

Via Roma, 996 - Tel. (+39) 0442 633111

Telefax (+39) 0442 93730 - (+39) 0442 93566

www.aermec.com
