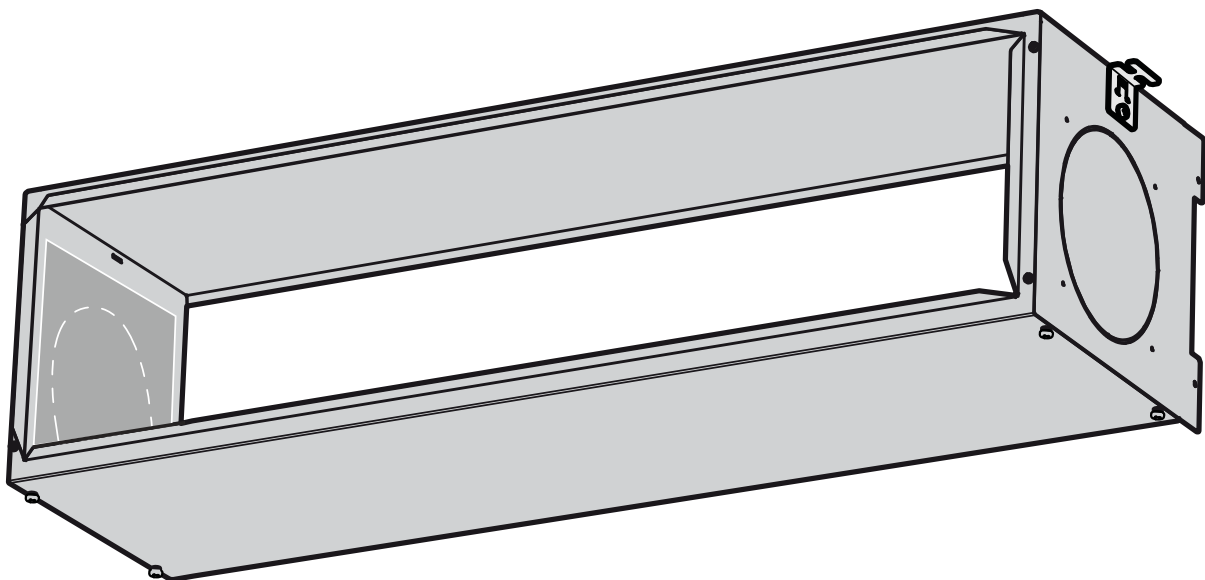
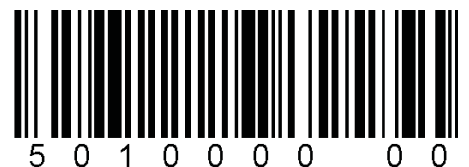


## RPA\_V

Plenum di Aspirazione con flangia rettangolare  
Intake plenum with rectangular flange  
Plénum d'Aspiration à bride rectangulaire  
Ansaugplenum mit rechteckigem Flansch  
Cámara de aspiración con brida rectangular



IT pag. 2 GB pag. 4 FR pag. 6 DE pag. 8 ES pag. 10



ARPA\_VUX\_110\_5010000\_00

## DESCRIPTION

RPA\_V is an intake plenum with rectangular flange made of galvanised sheet steel. This accessory allows a channel with a rectangular section to be connected to the intake vent of the VED unit. According to requirements, the RPA\_V accessory allows for intake both longitudinal and perpendicular to the air flow passing through the VED unit.

The sides of the RPA\_V intake plenum are set for the connection of a circular section channel by means of the KFV accessory.

## COMPONENTS OF THE KIT:

- Intake plenum with rectangular flange
- 2 fixing brackets
- 6 self-threading screws
- 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)**

## LONGITUDINAL INSTALLATION OF THE INTAKE PLENUM (WITHOUT STANDARD FILTER)

- Fasten the RPA\_V accessory directly to the intake vent of the unit using the four self-threading screws supplied (fig.1)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.2)
- The filter remains in its original position and can be extracted for routine maintenance/replacement (fig.3)

## LONGITUDINAL INSTALLATION OF THE INTAKE PLENUM (WITHOUT STANDARD FILTER)

For installation without standard filter proceed as follows:

- Loosen the two filter retainers
- Remove the filter (fig.4)
- Remove the ventilation compartment closure panel (fig.5)
- Stick the adhesive side of the gasket (provided) onto the bend of the ventilation compartment closure panel (fig.6)
- Re-mount the ventilation compartment closure panel (fig.7)
- Use the four screws provided to fasten the RPA\_V accessory to the unit intake vent (fig.1)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.2)
- Complete installation by connecting the intake channel and the relative intake grid (not supplied) supplied with filter.

**⚠ The installation of a filter is mandatory.**

## PERPENDICULAR INSTALLATION OF THE INTAKE PLENUM (WITH STANDARD FILTER)

- Remove the ten screws of the RPA\_V accessory (fig.8). For size RPA670V the two lower screws of the internal support bracket must also be removed.
- Rotate the rectangular flange downwards and fasten it using the screws removed at the previous section (fig.9)
- Use the four screws provided to fasten the RPA\_V accessory to the unit intake vent (fig.10)
- Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.11)
- The filter remains in its original position and can be extracted for routine maintenance/replacement (fig.3)

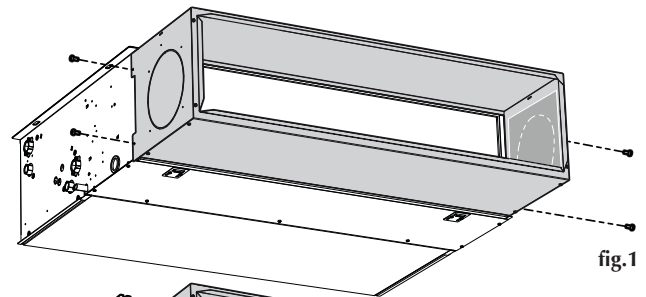


fig.1

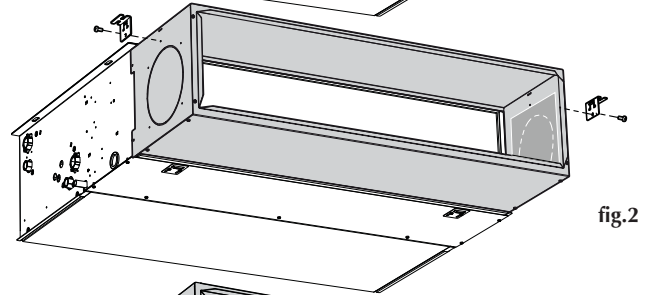


fig.2

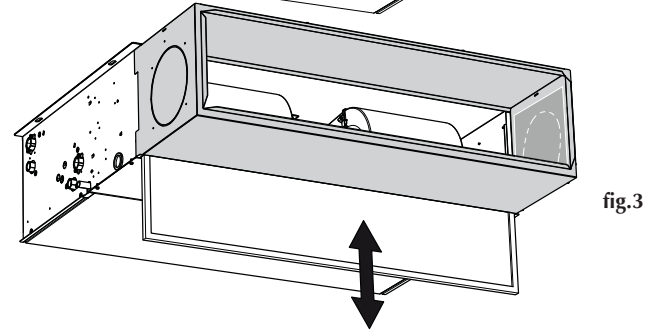


fig.3

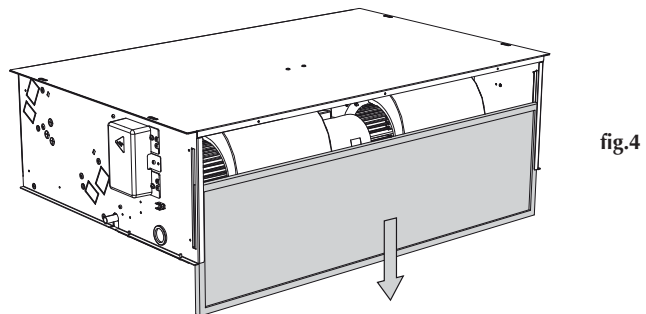


fig.4

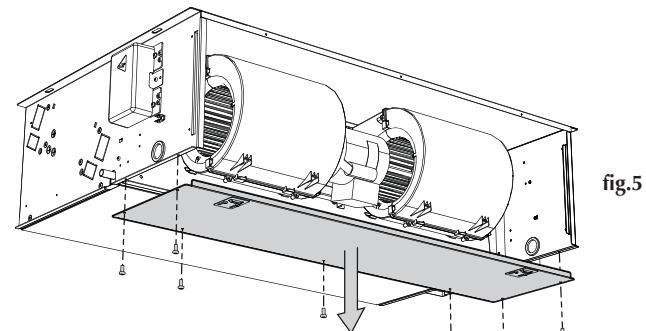


fig.5

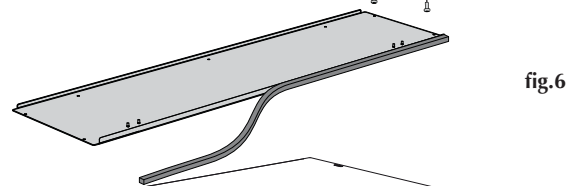


fig.6

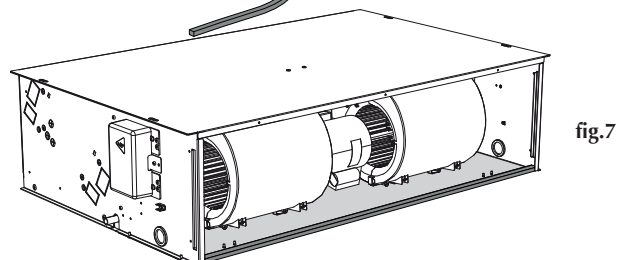


fig.7

## PERPENDICULAR INSTALLATION OF THE INTAKE PLENUM (WITHOUT STANDARD FILTER)

For installation without standard filter proceed as follows:

- Loosen the two filter retainers
  - Remove the filter (fig.4)
  - Remove the ventilation compartment closure panel (fig.5)
  - Stick the adhesive side of the gasket (provided onto the bend of the ventilation compartment closure panel) (fig.6)
  - Re-mount the ventilation compartment closure panel (fig.7)
  - Remove the ten screws of the RPA\_V accessory (fig.8). For size RPA670V the two lower screws of the internal support bracket must also be removed.
  - Rotate the rectangular flange downwards and fasten it using the screws removed at the previous section (fig.9)
  - Use the four screws provided to fasten the RPA\_V accessory to the unit intake vent (fig.10)
  - Install the two fixing brackets in the appropriate side slots and fasten them using the two screws provided (fig.11)
  - The filter remains in its original position and can be extracted for routine maintenance/replacement (fig.3)
  - Complete installation by connecting the intake channel and the relative intake grid (not supplied) supplied with filter.
- ⚠ The installation of a filter is mandatory.**

## INSTALLING THE INTAKE CIRCULAR FLANGE KIT (KFV ACCESSORY)

The sides of the RPA\_V intake plenum are set for the connection of an additional circular section channel by means of the KFV accessory (intake flange kit)

- Use cutting nippers to remove the four junction points of the sheet metal push-out element (fig.12)
- Use a cutting tool to cut the internal insulation from the outside along the circumference and remove it (fig.13)
- Prepare the flange as indicated in the KFV accessory instructions
- Use the four screws to fasten the KFV accessory (fig.14)

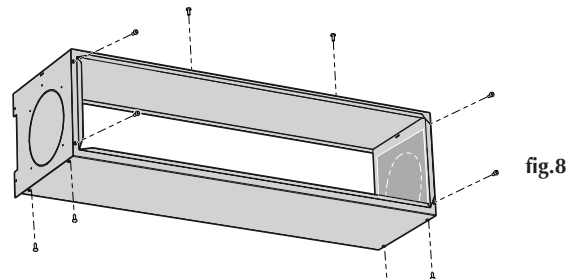


fig.8

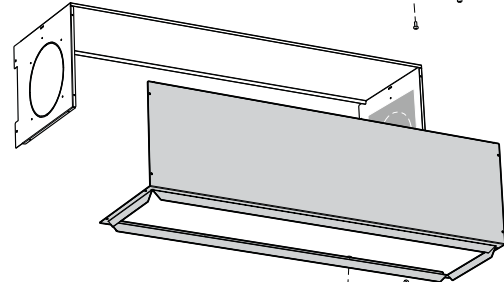


fig.9

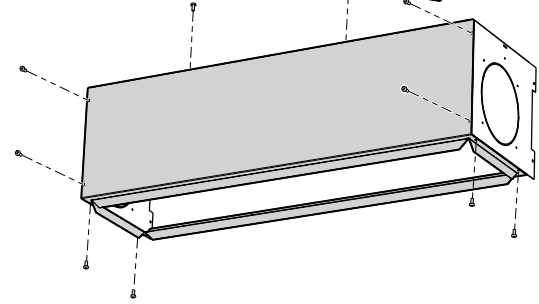


fig.10

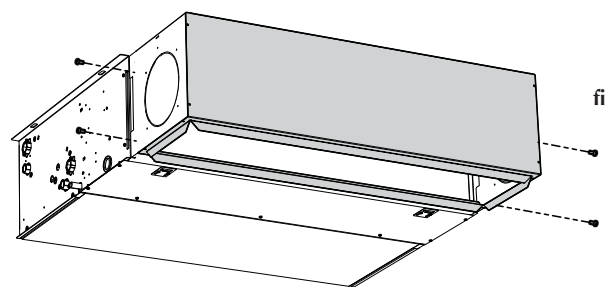


fig.11

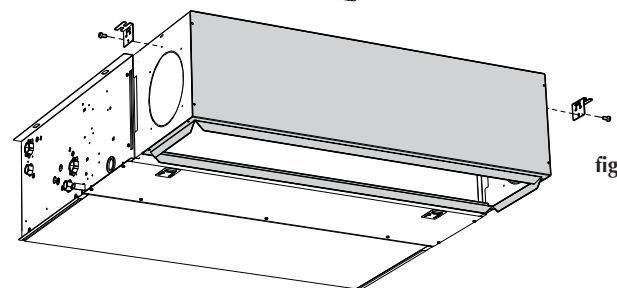


fig.12

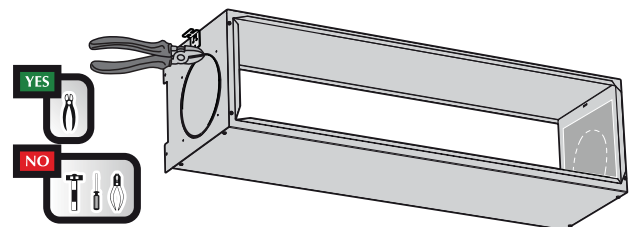


fig.13

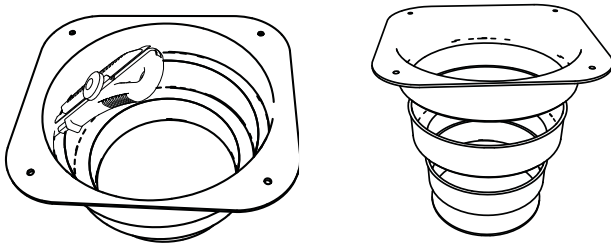
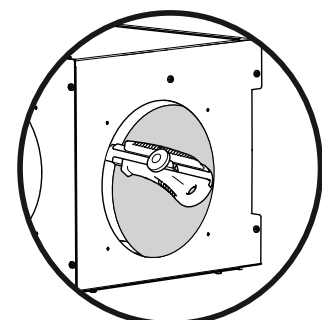
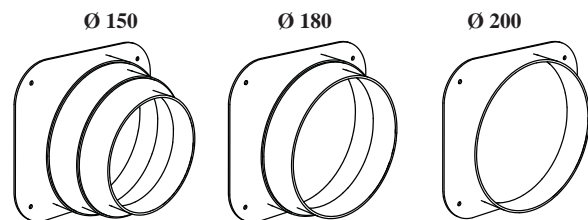
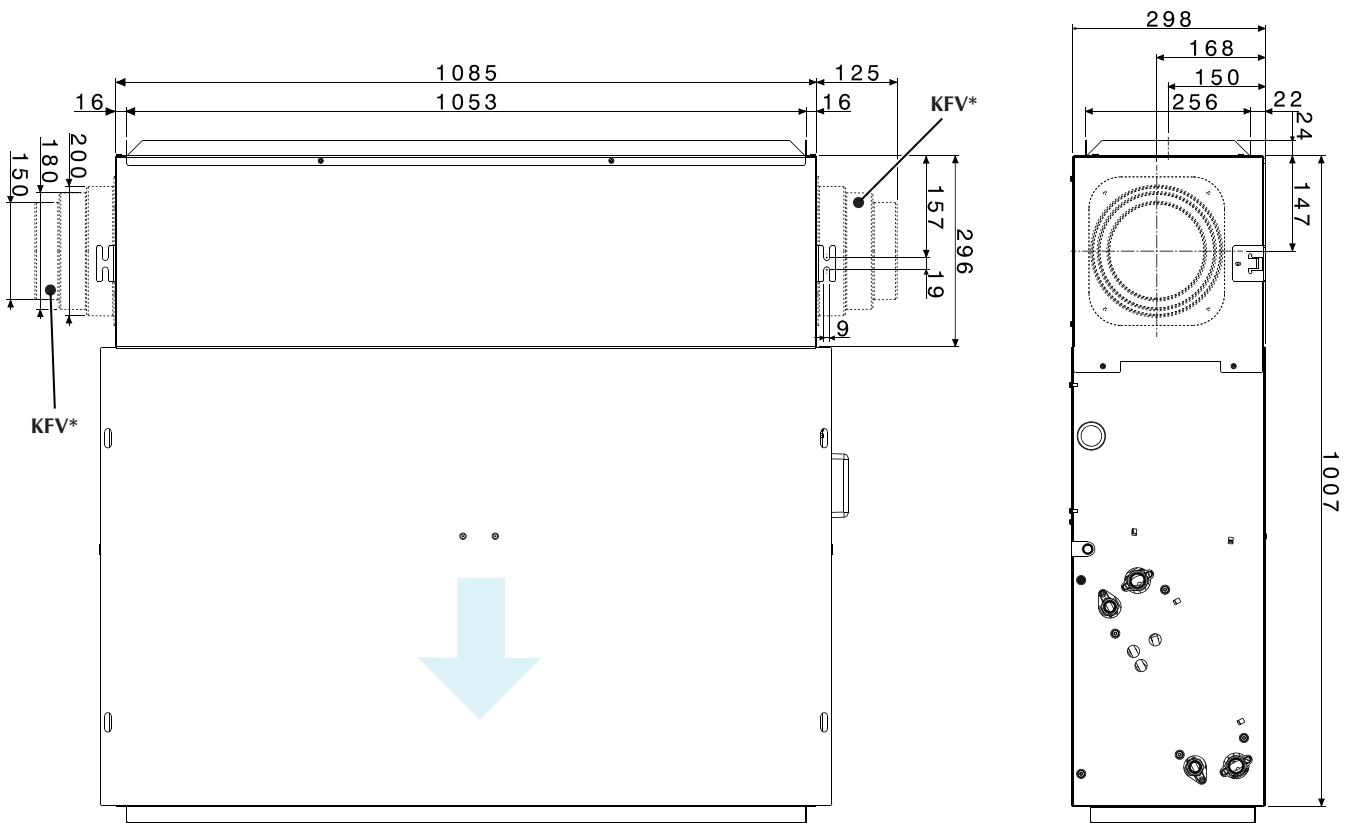


fig.14

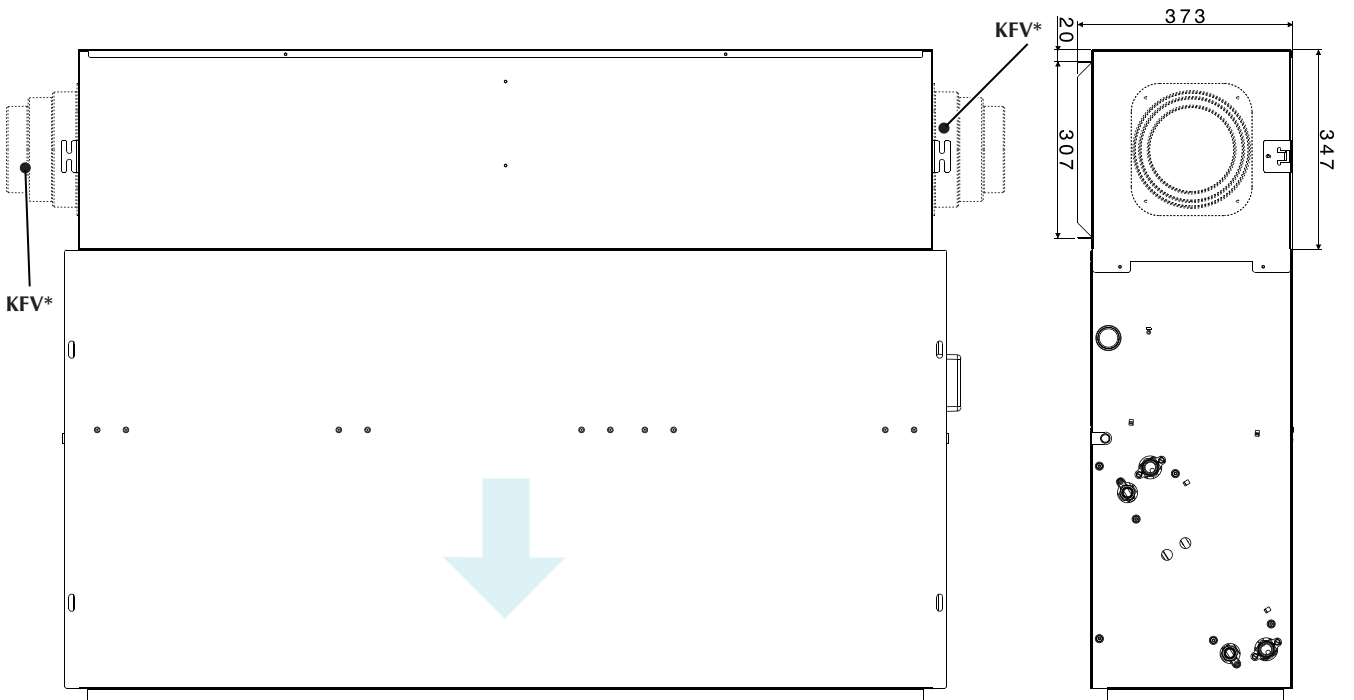


# AERMEC

DATI DIMENSIONALI RPA450V ASPIRAZIONE LONGITUDINALE / LONGITUDINAL INTAKE RPA450V DIMENSIONAL DATA  
 DONNÉES DIMENSIONELLES RPA450V LONGITUDINALES / ABMESSUNGEN RPA450V ANSAUGUNG LÄNGS  
 DATOS DIMENSIONALES RPA450V ASPIRACIÓN LONGITUDINAL

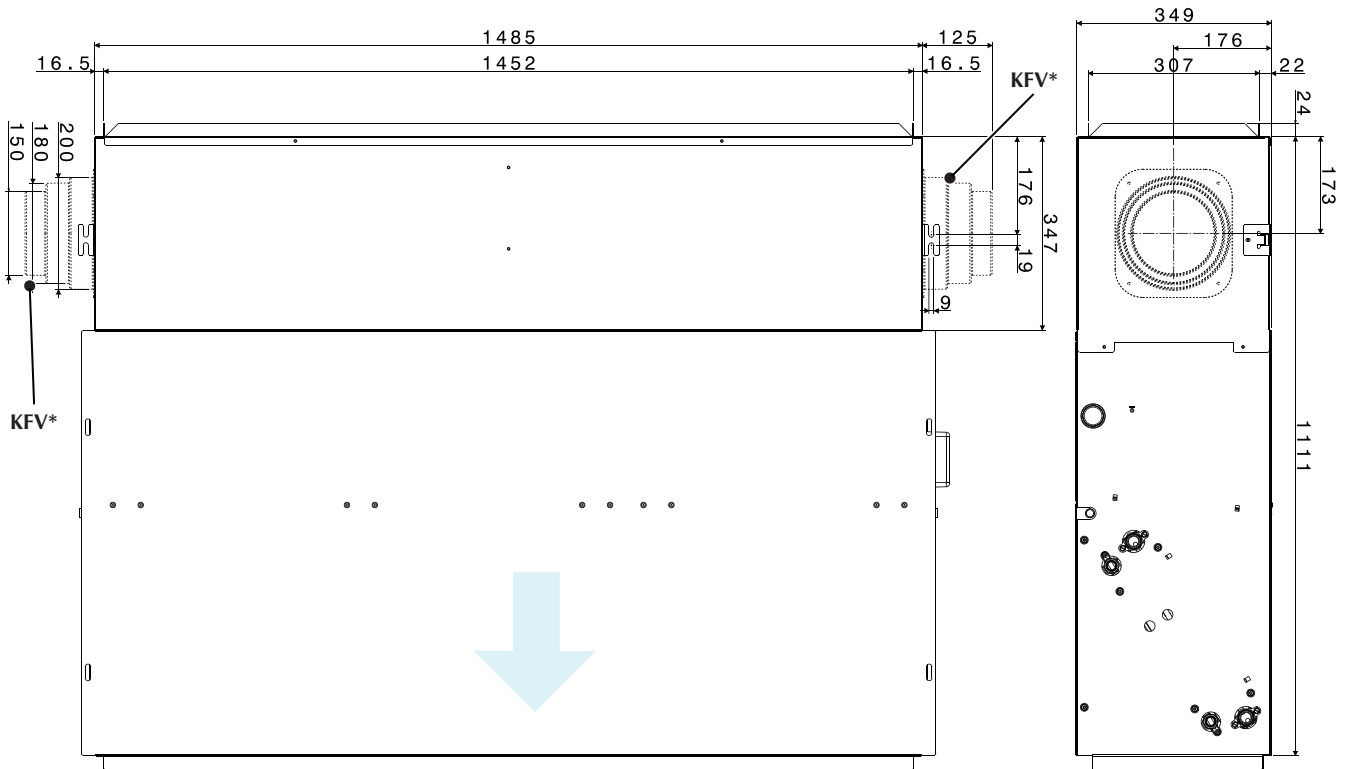


DATI DIMENSIONALI RPA450V ASPIRAZIONE PERPENDICOLARE / PERPENDICULAR INTAKE RPA450V DIMENSIONAL DATA  
 DONNÉES DIMENSIONELLES RPA450V PERPENDICULAIRES / ABMESSUNGEN RPA450V ANSAUGUNG SENKRECHT  
 DATOS DIMENSIONALES RPA450V ASPIRACIÓN PERPENDICULAR

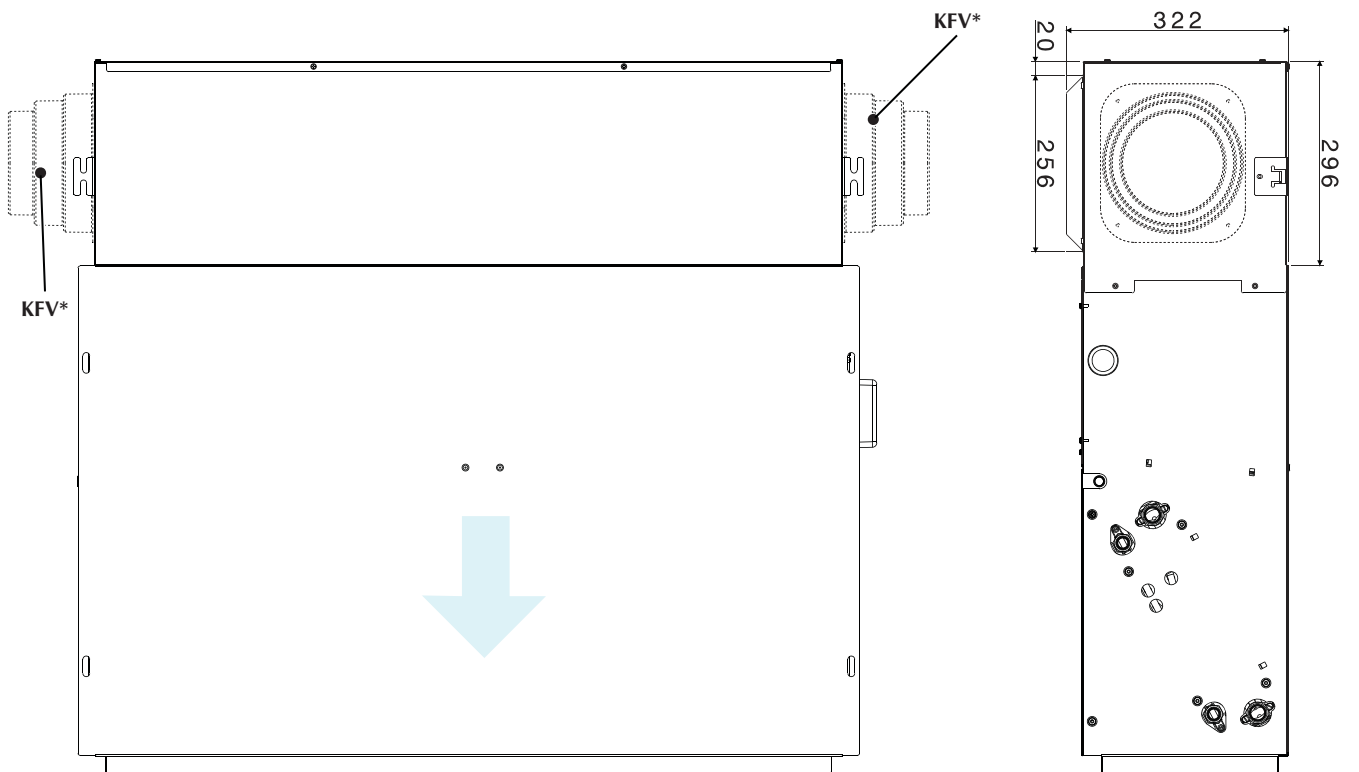


\* = ACCESSORIO KJV DA ACQUISTARE SEPARATAMENTE / KJV ACCESSORY TO BE PURCHASED SEPARATELY  
 ACCESSOIRE KJV A ACHETER SEPARÉMENT / ZUBEHÖR KJV MUSS SEPARAT ERWORBEN WERDEN  
 EL ACCESORIO KJV DEBE COMPRARSE POR SEPARADO

DATI DIMENSIONALI RPA670V ASPIRAZIONE LONGITUDINALE / LONGITUDINAL INTAKE RPA670V DIMENSIONAL DATA  
 DONNÉES DIMENSIONELLES RPA670V ASPIRATION LONGITUDINALES / ABMESSUNGEN RPA670V ANSAUGUNG LÄNGS  
 DATOS DIMENSIONALES RPA670V ASPIRACIÓN LONGITUDINAL



DATI DIMENSIONALI RPA670V ASPIRAZIONE PERPENDICOLARE / PERPENDICULAR INTAKE RPA670V DIMENSIONAL DATA  
 DONNÉES DIMENSIONELLES RPA670V ASPIRATION PERPENDICULAIRES / ABMESSUNGEN RPA670V ANSAUGUNG SENKRECHT  
 DATOS DIMENSIONALES RPA670V ASPIRACIÓN PERPENDICULAR



\* = ACCESSORIO KFV DA ACQUISTARE SEPARATAMENTE / KFV ACCESSORY TO BE PURCHASED SEPARATELY  
 ACCESSOIRE KFV A ACHETER SEPARÉMENT / ZUBEHÖR KFV MUSS SEPARAT ERWORBEN WERDEN  
 EL ACCESORIO KFV DEBE COMPRARSE 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](http://www.aermec.com)

---