

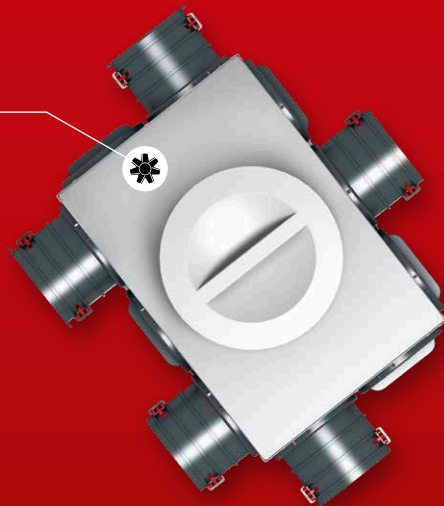
flexpipe[®]plus

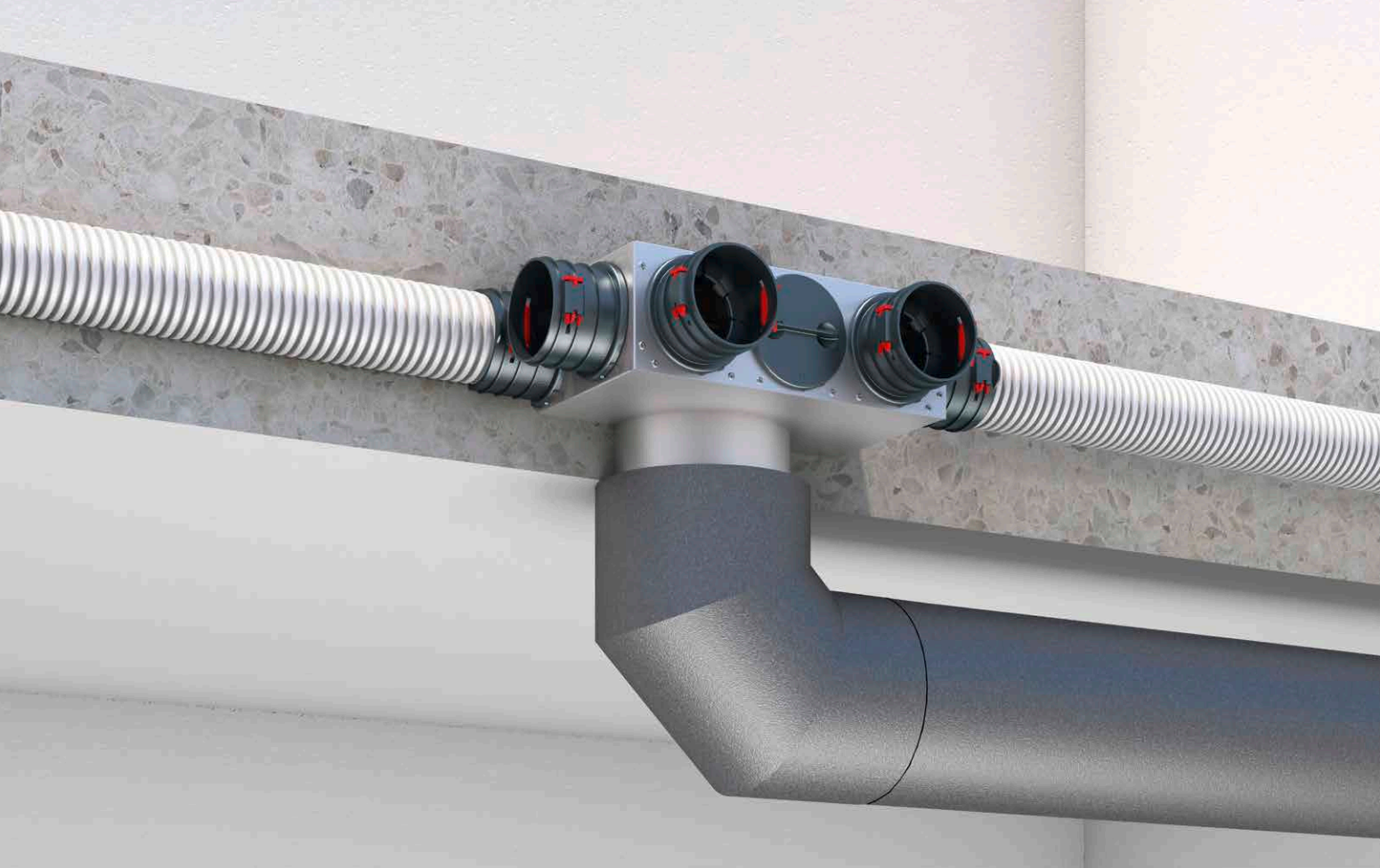
The new, ceiling-integrated
distribution element – a magic box
for KWL[®] installation.



More compact.
Faster.
More flexible.
i.e. typical
Helios
flexpipe[®]**plus** .

A great solution in a
small box.





Helios has always been a pioneer in the area of balanced domestic ventilation: From the ventilation technology itself, to the smart control system with easyControls 3.0 and compatible system components, through to the complete range of peripherals.

Of course, this also includes air distribution systems such as the smart and universally applicable **flexpipe^{plus}**. Helios is now raising the bar much higher again. With the **new, ceiling-integrated distribution element**, we are making it even easier for you to realise the perfect KWL ventilation system quickly and easily in the future.

The distribution element is not only flexible in application due to its compact dimensions, but it also saves you the complicated duct insertion and removal from the concrete ceiling. **The installation of a KWL system has never been easier!**

More flexible

- Intelligent and almost invisible solution for the simple and safe air distribution of **flexpipe^{plus}** ducts in concrete ceilings – both in single-family houses and apartment buildings.
- Integrated height adjustment which allows installation in all common filigree ceilings of different thicknesses and in cast-in-situ concrete ceilings.

Faster

- Robust components which can be integrated into the construction process quickly, easily and cost-effectively.
- The installation without destruction of the formwork and the tool-free duct connection with the click system saves your time and therefore money on the construction site.

More hygienic

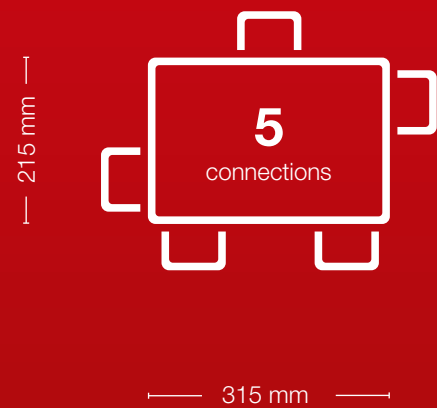
- Very good accessibility of the individual ventilation ducts for easy cleaning thanks to the extra-large duct connection (DN 160 mm), which also serves as an inspection opening.
- The distribution element remains closed until the finished installation. The contamination of all air-ducting components is effectively prevented.

A solution with minimal dimensions and great benefits.

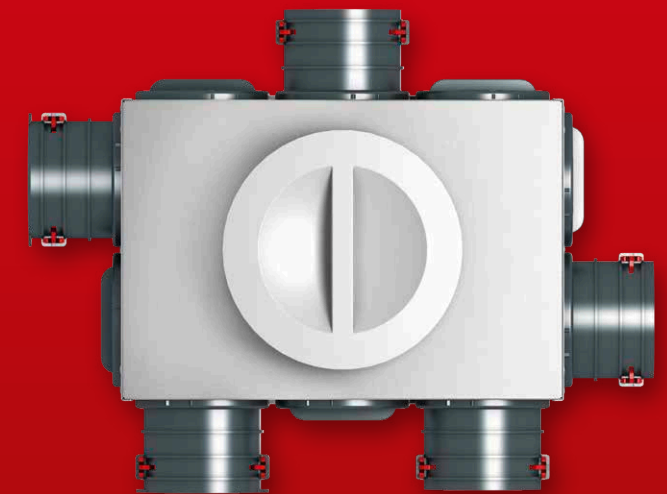
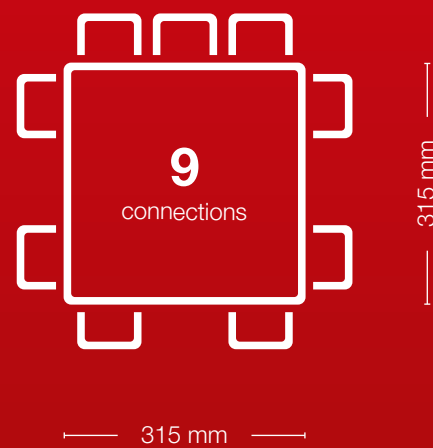
- Two sizes with 5 or 9 connection options each for single-family houses or apartment buildings
- **flexpipe^{plus}** ducts are flexible and connectable on all sides
- Simple maintenance with large inspection opening (DN 160)
- Fast and safe installation in filigree ceilings and cast-in-situ concrete ceilings



FRS-VE 5-75/160



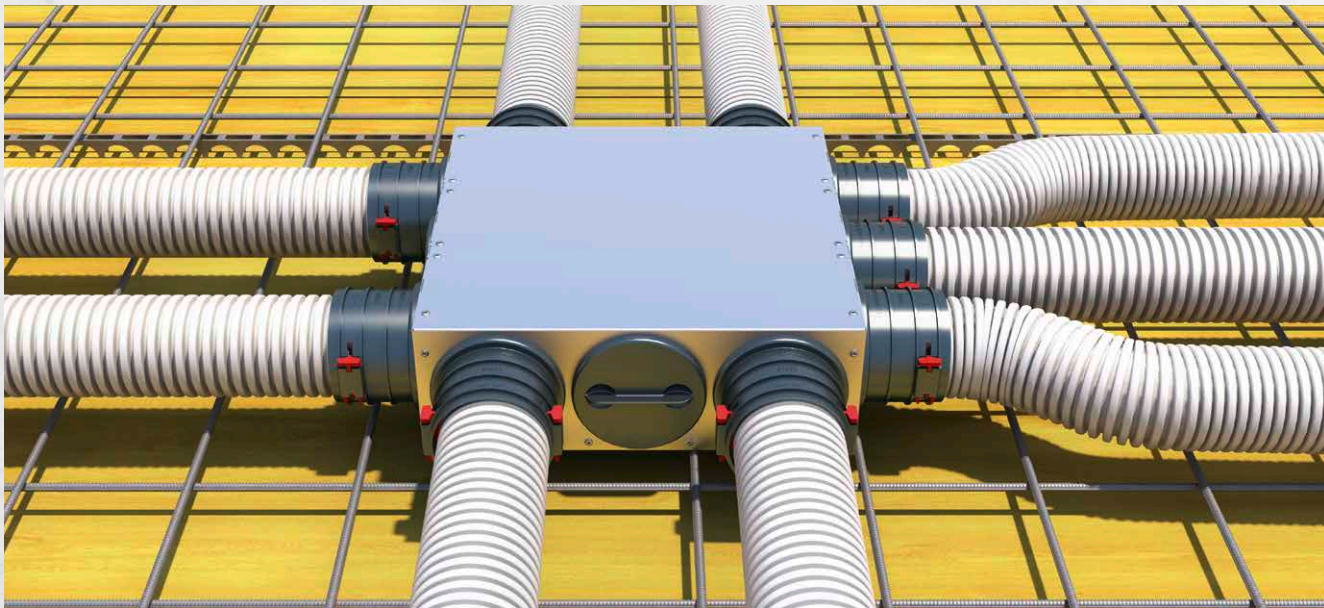
FRS-VE 9-75/160



1 Installation in filigree ceiling



2 Installation in raw concrete ceiling



The new, ceiling-integrated distribution element lifts the Helios flexpipe plus philosophy to a new level. Never before has it been easier to realise the air distribution for KWL ventilation systems so quickly and flexibly.

Thanks to its extra flat design with integrated height adjustment and its interior which is protected throughout the installation process, the ceiling-integrated distribution element copes with any installation environment:

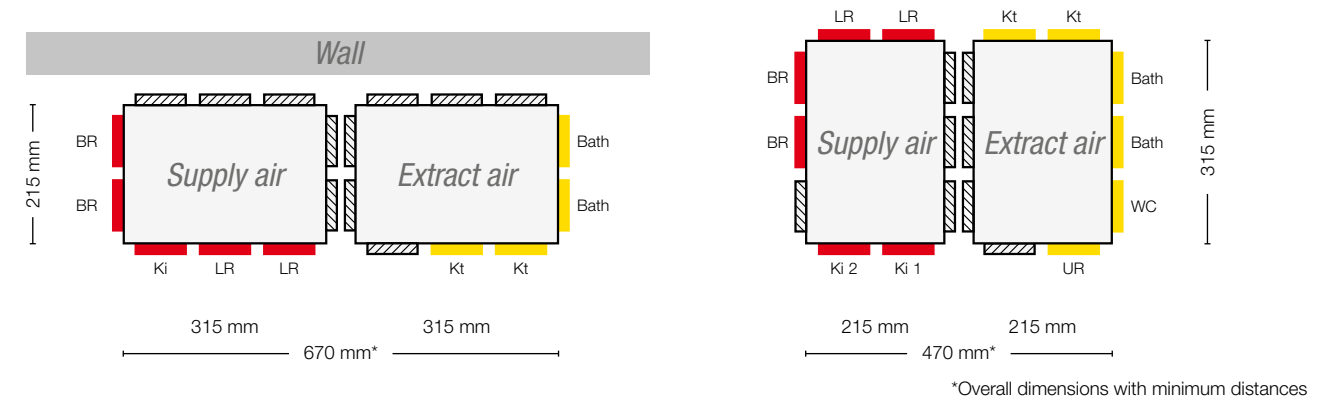
- 1 cast in filigree ceiling
- 2 in cast-in-situ concrete ceiling

Unlimited possibilities for your application:

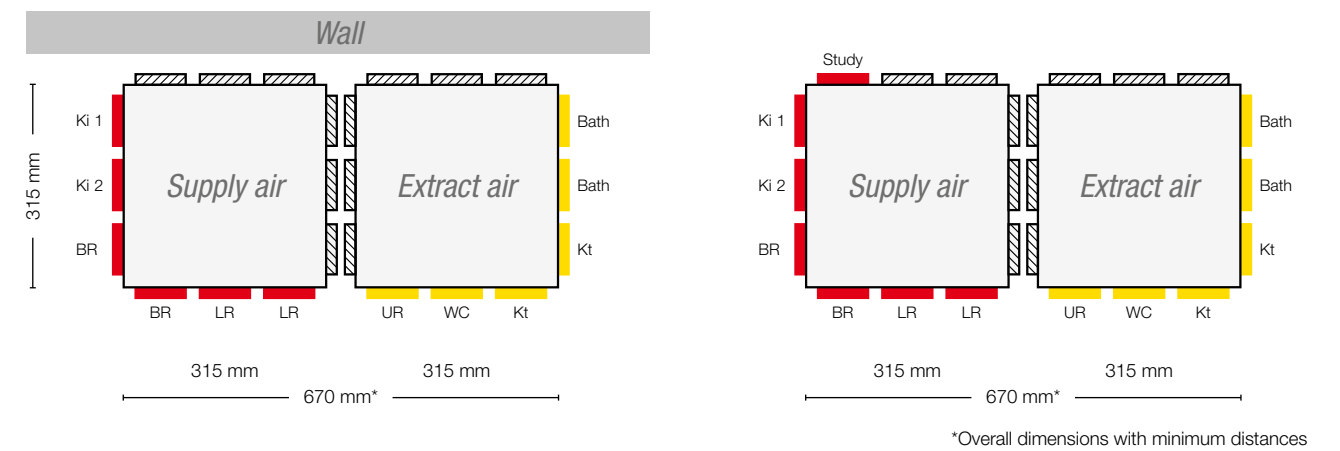
No matter which installation option you choose, the new flexpipe plus distribution elements guarantee maximum flexibility for laying supply and extract air ducts in concrete

ceilings thanks to the many connection options – even if they are directly adjacent to a wall. See for yourself!

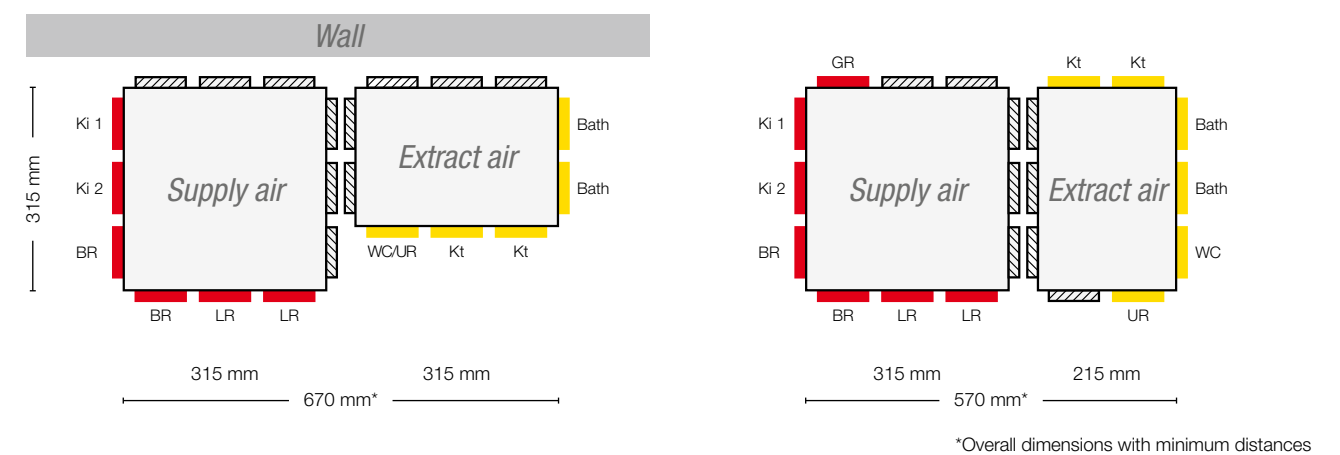
Practical example FRS-VE 5-75/160



Practical example FRS-VE 9-75/160



Practical example combination FRS-VE 5-75/160 and FRS-VE 9-75/160

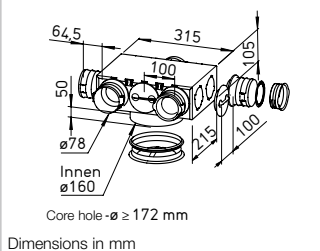


Legend: Ki = Children's room, BR = Bedroom, LR = Living room, UR = Utility room, Kt = Kitchen, GR = Guest room
■ = Supply air, ■ = Extract air

Ceiling-integrated distribution element

For extract and supply air connection

Distribution element 5x



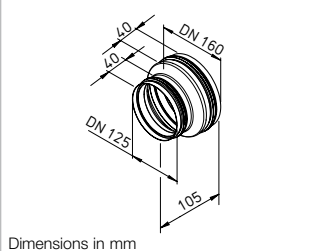
Dimensions in mm

flexpipe distribution element 5x

Type	Ref. no.	Ø NW mm
Ø 75 mm		
FRS-VE 5-75/160	40161	160

For universal installation in filigree or raw concrete ceilings. Duct connection DN 160 (RVBD 160 L) or DN 125 (RVBD 160/125) possible.
10 connection options for up to 5 ventilation ducts FRS-R 75. Large inspection opening for easy cleaning.

Fitting for duct connection



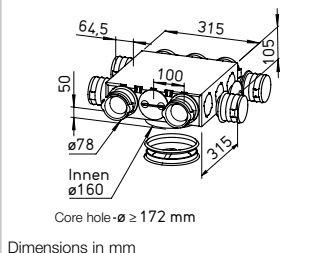
Dimensions in mm

Duct connector

Type	Ref. no.
Ø 160/125 mm	
RVBD 160/125	40165

Duct connector for the connection of ventilation ducts/IsoPipe ducts DN 125.

Distribution element 9x



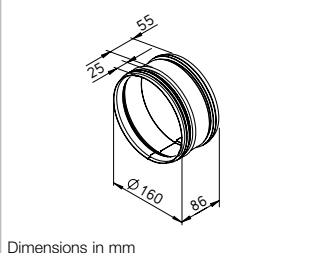
Dimensions in mm

flexpipe distribution element 9x

Type	Ref. no.	Ø NW mm
Ø 75 mm		
FRS-VE 9-75/160	40162	160

For universal installation in filigree or raw concrete ceilings. Duct connection DN 160 (RVBD 160 L) or DN 125 (RVBD 160/125) possible.
12 connection options for up to 9 ventilation ducts FRS-R 75. Large inspection opening for easy cleaning.

Fitting for duct connection

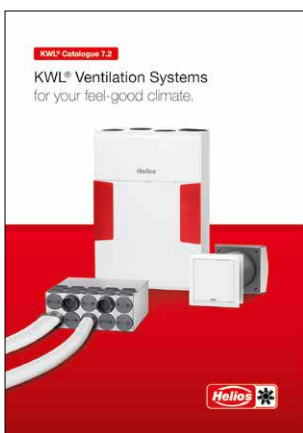


Dimensions in mm

Duct connector long

Type	Ref. no.
Ø 160 mm	
RVBD 160 L	40164

Duct connector for the connection of ventilation ducts/IsoPipe ducts DN 160.



All other **flexpipe^{plus}** components and our wide range of ventilation systems for controlled domestic ventilation can be found in our KWL catalogue:

www.heliosventilatoren.de/kwl-catalogue



Helios Ventilatoren GmbH + Co KG · Lupfenstraße 8 · 78056 Villingen-Schwenningen · Germany
Phone +49 77 20 / 606 - 0 · Fax +49 77 20 / 606 - 257 · export@heliosventilatoren.de · www.heliosventilatoren.de

KWL® is a registered trademark of Helios Ventilatoren GmbH + Co KG. Copyright ©: Helios Ventilatoren GmbH + Co KG, 78056 VS-Schwenningen, Germany.
Certified according to ISO 9001/2015. Subject to technical modifications. Illustrations and information are non-binding. Document no. 10.212.844/04.22