

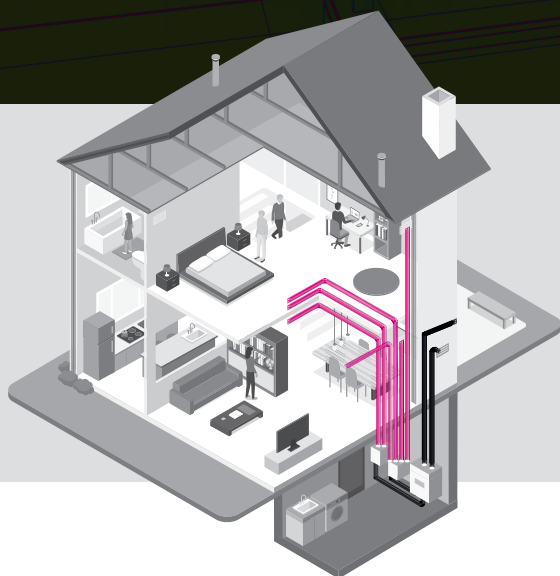
**NEW**

**fitt agix®**

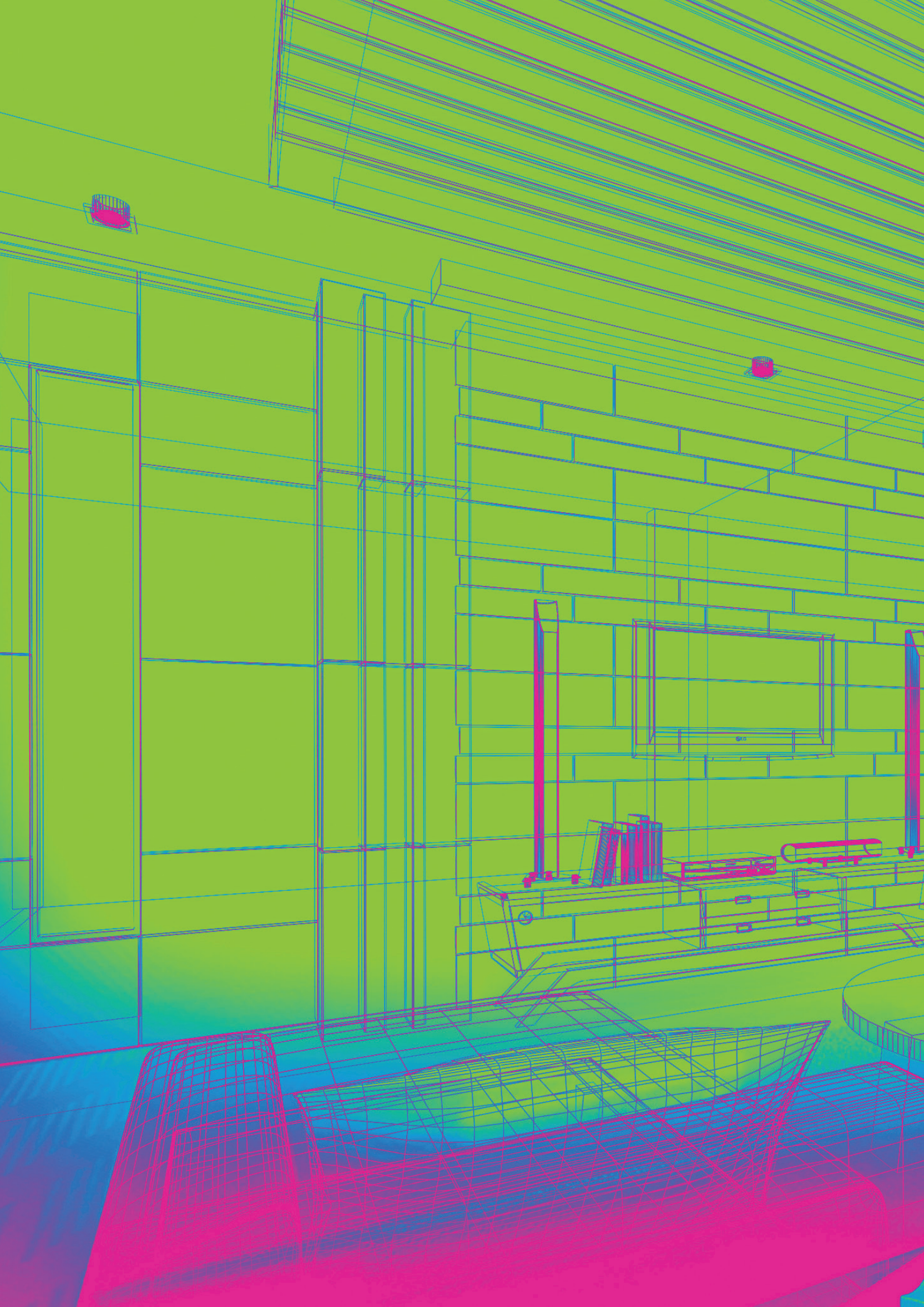
**Designing wellness**

**General catalogue new  
2024 HRV and HVAC range**

New general catalogue dedicated  
to Heat Recovery Ventilation systems,  
Air Distribution and hybrid solutions



**fitt® / Airplast**





General catalogue  
ventilation and air conditioning products 2024

# fitt and airplast

## Since 2022, Airplast has been part of the FITT Group

Already a leader in the ventilation and air distribution market, Airplast joins the FITT Group: a partnership that completes the offer with the aim of ensuring technological and sustainability excellence.

### The company

Airplast was founded in 1992 with the aim of offering the best technology in the field of heat recovery ventilation and air distribution.

Airplast stands out for its ability to combine innovative functional solutions with high aesthetic standards, offering reliable products characterised by market-leading technologies.

Always committed to innovation and a leader in the field of air diffusion, Airplast is able to offer a complete range of products, including custom made, capable of satisfying any technical and construction requirement, in extremely short times.

### The philosophy

The challenge has always been to invest in internal and external “know-how”, differentiating itself from the competition by not being a simple “box moving company”, designing and building highly professional solutions/systems and offering a first-class service, together with constant search for technology and innovation.

Solutions that can be adapted to any site requirement, designed to facilitate installation in compliance with current regulations.



### The products

The products are manufactured with the utmost respect for the environment, only using recyclable materials and taking special care not to create any waste for disposal during the installation cycle.

PVC is the main element of the product range: this material does not produce condensation, is anti-corrosive, does not generate noise, is light, is fireproof, can be coloured, does not absorb energy, and is therefore ideal and recommended in rooms with high energy efficiency class.

Airplast is a unique interlocutor, able to respond to any request with maximum environmental sustainability.

### Certifications

Airplast is ISO 9001 certified for the management and quality of the design, production and marketing of aeronautical products and accessories for air distribution and heat recovery ventilation; it also complies with the UNI EN 15780:2011 standard for the design/production and storage of materials, in order to ensure maximum cleanliness of the components.

Fitt, a leading global group established in Italy in 1969 - and today a benefit company - is a pioneer in the production and development of solutions for the transfer of fluids for domestic, professional and industrial applications.

### Ingenious for life

The mission of the FITT group is to improve the performance of its customers by providing pipes, hoses and systems for the transport of liquid, gaseous and solid substances, with products at the forefront of technology, design and sustainability.

### Ongoing progress

FITT, currently led by Alessandro Mezzalira, was founded in 1969 by his father Rinaldo. With headquarters in Sandrigo, in the province of Vicenza, FITT – an international reference point in its industry – currently has 14 production sites, 5 commercial branches and 15 logistic centres in Europe and worldwide.

#### FITT SOLUTIONS



Gardening Solutions



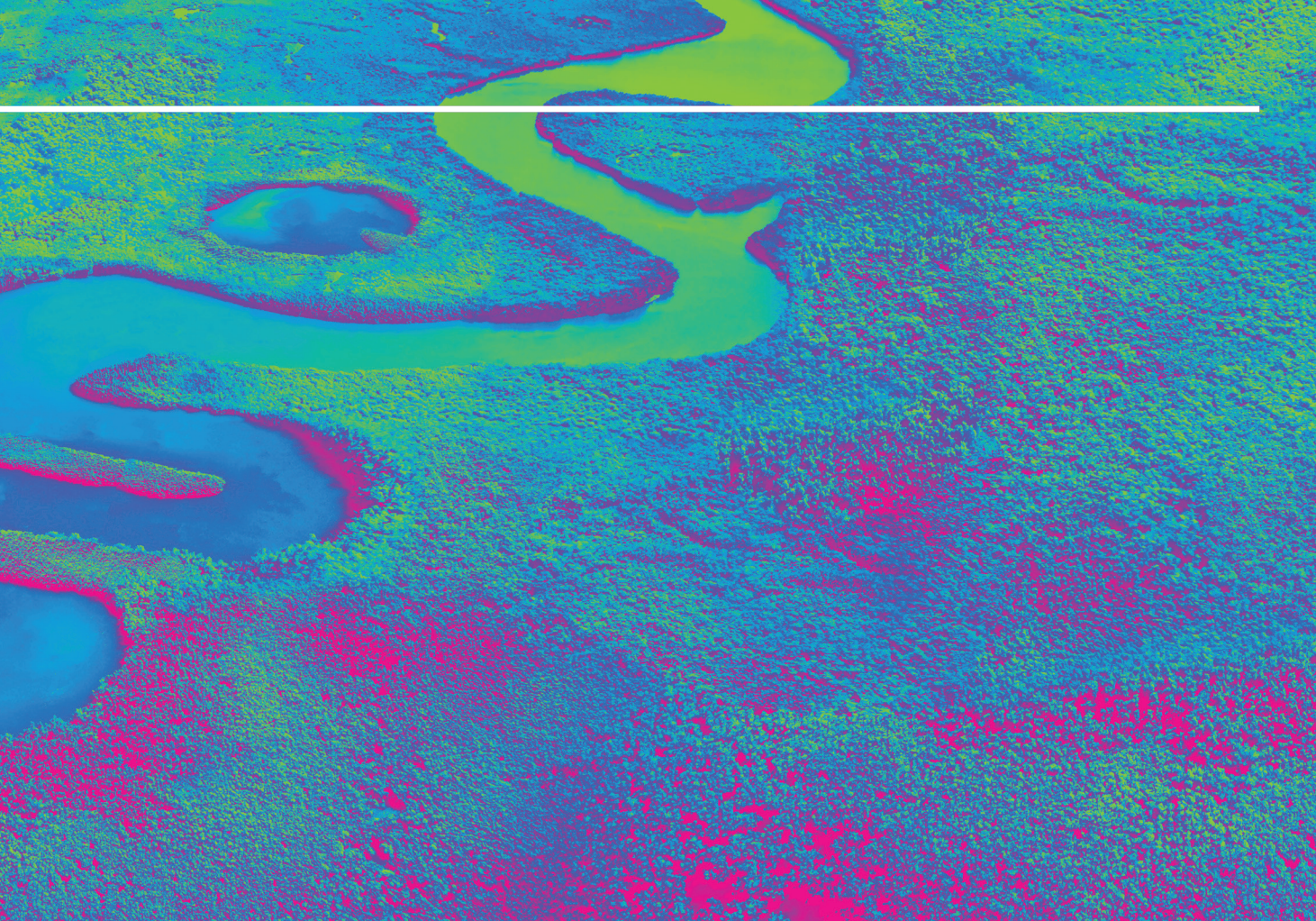
Industrial Solutions



Marine Solutions



Food & Beverage Solutions



### Innovative and pioneering technology

FITT strongly believes in Open Innovation and works with an international network of partners, universities and research bodies, taking advantage of external organisations for the validation of its own quality tests and protocols, defining the impact of its products.

### Multiplant production and logistics

Flexible logistics, automated and customised, capable of meeting the requests of the various sales channels served by our organisation: from large customers to the single individual purchasing on line. The network of logistics centers of FITT, strategically located throughout Europe, allows to deliver in 48/72 h in the main European markets.

### FITT Solutions

FITT develops state of the art solutions for the handling of fluids, ensuring reliability, safety, performance and ease of use applicable to 9 dedicated and specialised business units.



Building Solutions



Pool & SPA Solutions



Ventilation Solution



Agriculture Solutions



Infrastructure Solutions

«the task that we are called to fulfil must contribute to make this world a better place, for us and for future generations»

**Alessandro Mezzalira**  
CEO

## THE RESPONSIBLE FLOW: FITT'S SUSTAINABILITY STRATEGY FOR 2030

### The FITT journey

In FITT's vision, being a responsible company means transforming its business model to achieve an ideal balance, with the objective of **creating economic value and having a positive impact on the planet and on people's lives.**

FITT is a “**Società Benefit**”, and in addition to the object of making a profit, it has added in its statute the public and official commitment of a positive impact on society and the biosphere, operating in a sustainable and transparent manner.

### Corporate responsibility

FITT is committed to producing state-of-the-art products, providing its customers with the best technologies in the field of fluid handling.

Investing in innovation, scientifically measuring the impact of its offering and adopting a supply chain approach that aims at minimising negative effects throughout the product life cycle, enables FITT to create an increasingly sustainable business model.

### THE 7 GOALS SELECTED BY FITT







## Environment:

FITT is engaged on two parallel fronts: the management of energy, water and waste, and the development of innovative products.

In the area of processes, the most important objective is **decarbonisation**, with the aim of setting **CO<sub>2</sub>e reduction** targets (scopes 1-2-3), to be reached by the FITT GROUP by 2025. With this in mind, in 2023 FITT has started measuring its **Carbon Footprint** in accordance with the ISO 14064 GHG inventory. As far as sustainable development is concerned, the aim is to make sure that by 2025 10% of our turnover is from innovative products with lower impact, producing 10% less Co<sub>2</sub>e<sub>q</sub> than their traditional equivalents.

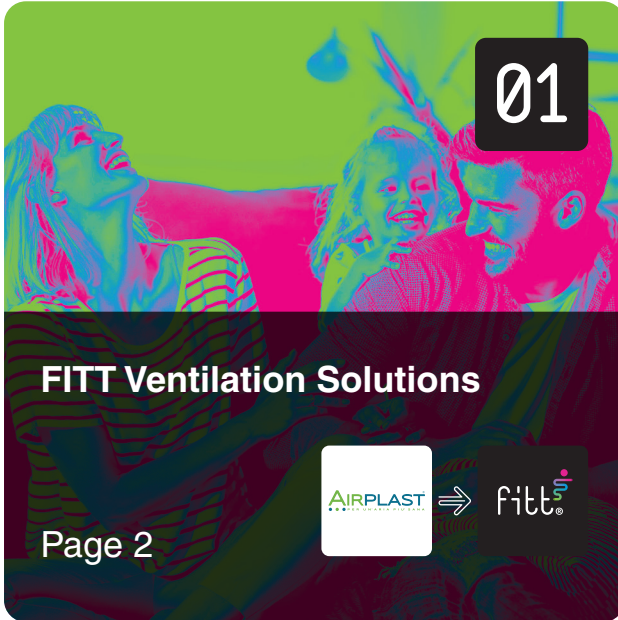
## Social:

FITT is engaged again on two complementary fronts, one internal and one external. The first includes the **creation of wellbeing, inclusion and security for the FITT People**. The second concentrates on support of social and environmental initiatives, both local and international, mainly in the fields of health, women, youth and people with special needs, creating partnerships with the stakeholders.

## Governance:

Act as a responsible company by rewriting a new business model that creates shared value, thus contributing to bring about a positive impact in the life of people and the environment.



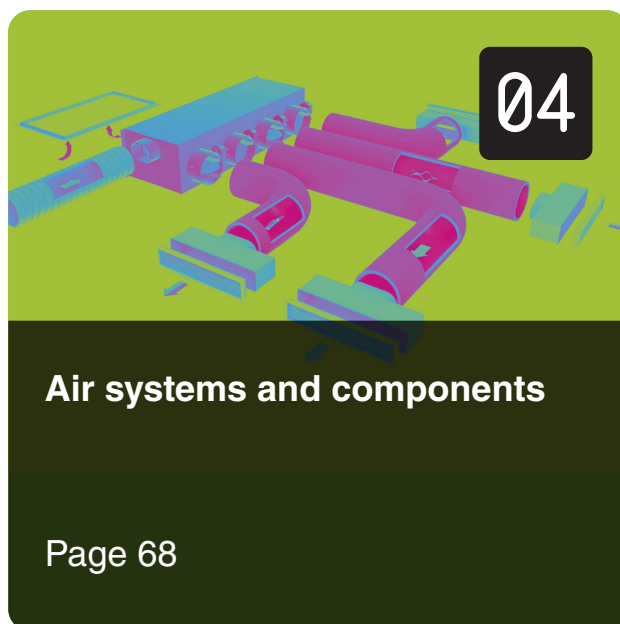


FITT and AIRPLAST	2	FITT Agix® Cross: Centralised HRV with heat recovery	22
FITT	4	FITT Agix® Mix: HRV and air distribution	24
The responsible flow	6		
The HRV system with superior performance	12		
FITT Agix®: the Kiwa Quality (KQ) certified system according to EN 17192	13		
HRV standards	14		
Air diffusion	15		
Antibacterial protection	16		
Filtration	17		
Diffusion grilles	18		



## Heat Recovery Ventilation

Page 26



## Air systems and components

Page 68

Air distribution	28	Plenum for ducted units	70
Air conditioning-HRV air distribution	29	Air distribution pipelines and accessories	70
Airmix air conditioning-HRV	29	Air diffusion and accessories	70

# fitt ventilation solutions



## An increasingly wider and better performing heat recovery ventilation range

The new range of FITT Agix® products meets to the needs of the ventilation market with an offering strongly focused on flexibility, best performance and aesthetic results, whilst also guaranteeing excellent air quality and the best living standards.



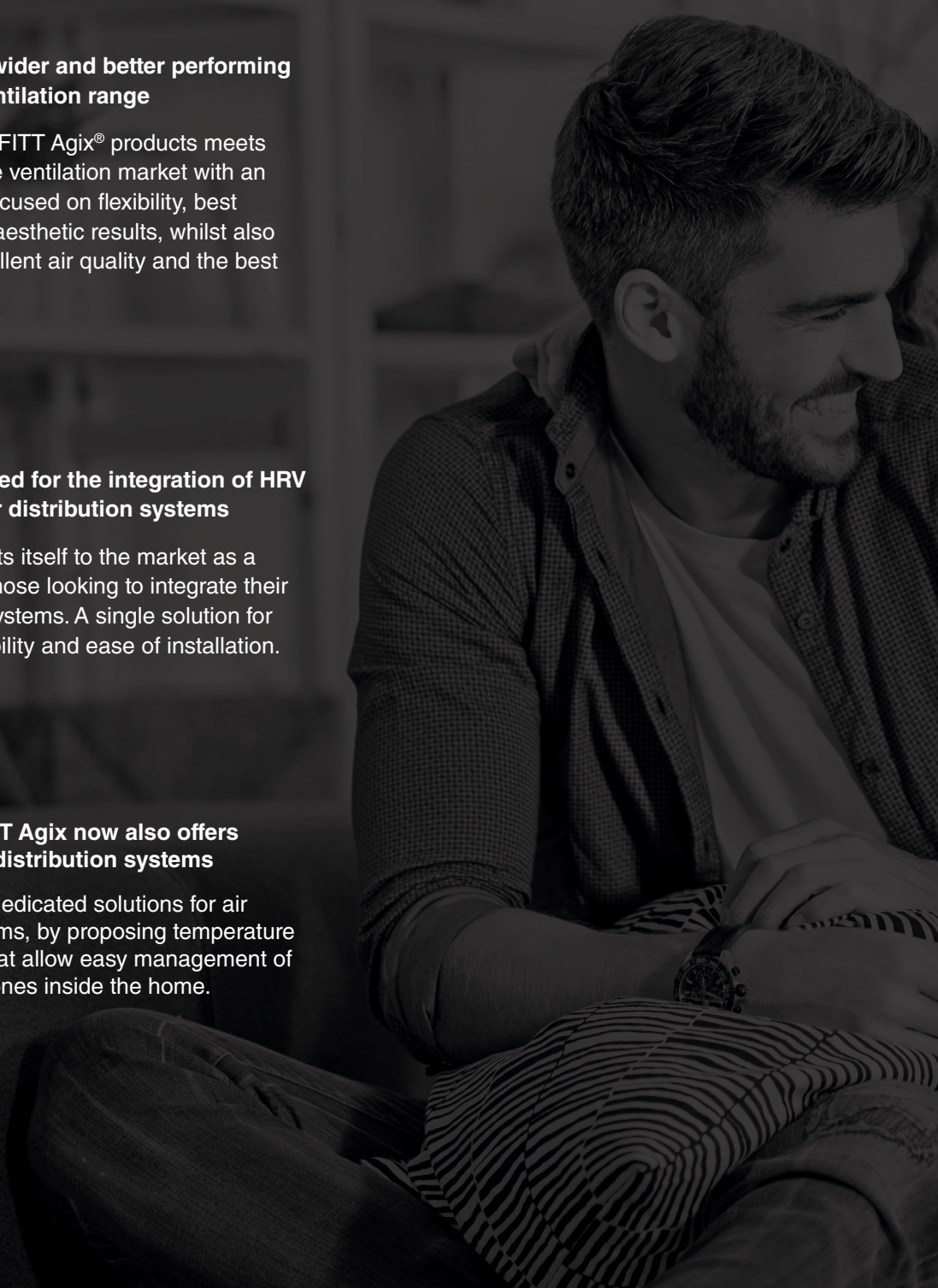
## Solutions designed for the integration of HRV solutions with air distribution systems

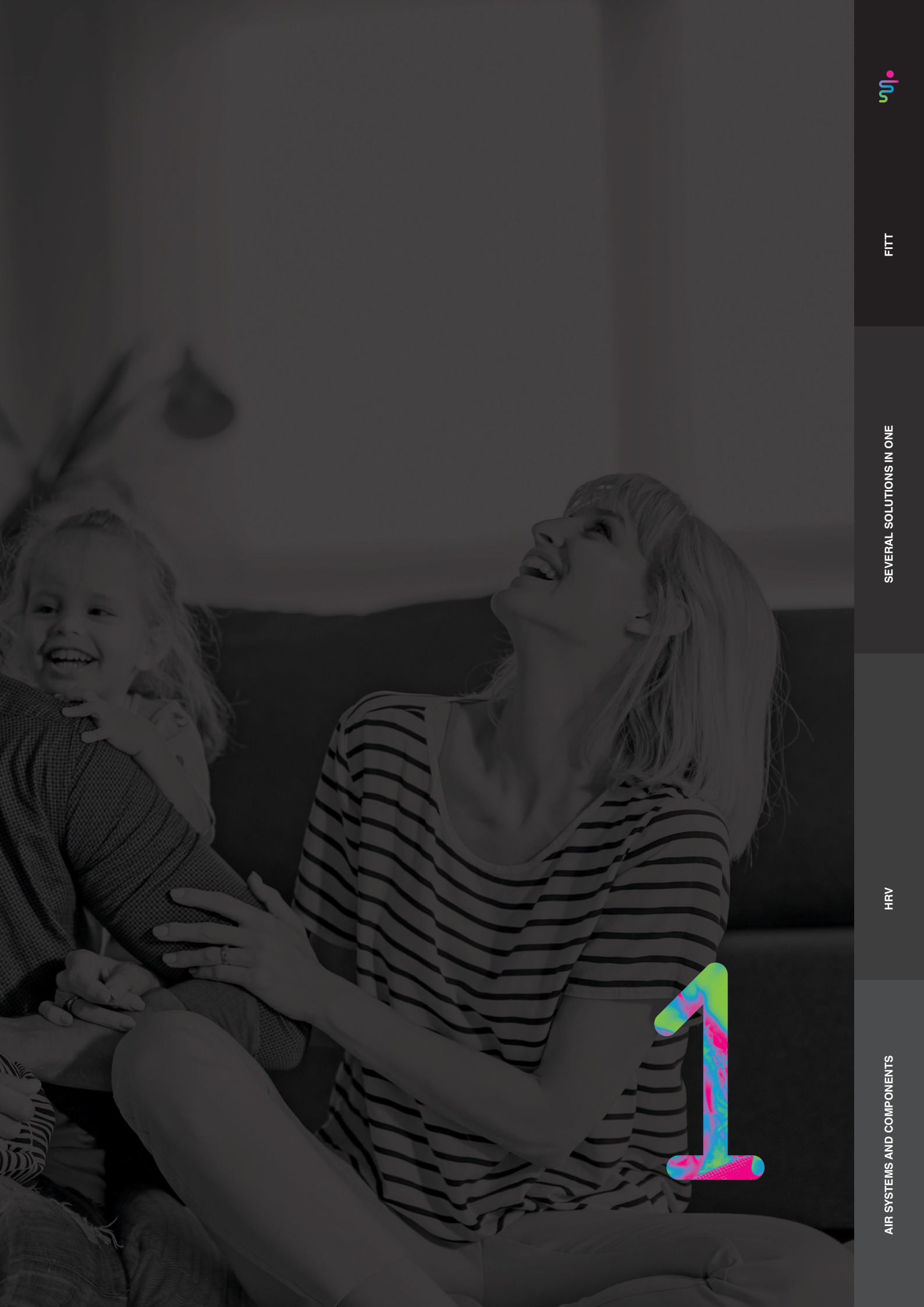
FITT Agix® presents itself to the market as a valid solution for those looking to integrate their HRV with HVAC systems. A single solution for maximum adaptability and ease of installation.



## Not just HRV; FITT Agix now also offers solutions for air distribution systems

FITT Agix® offers dedicated solutions for air conditioning systems, by proposing temperature control systems that allow easy management of multiple climate zones inside the home.





AIR SYSTEMS AND COMPONENTS

HRV

SEVERAL SOLUTIONS IN ONE

FITT



# the hrv system with superior performance

Since the signing of the Kyoto Protocol, the focus on energy efficiency and sustainability of buildings has become more stringent. Within the EU, it has led to the enactment of a series of regulations (currently being implemented by the various states) aimed at promoting better energy performance of buildings. According to these directives, all new buildings from 2016 will have to meet the requirements of class A, and those from 2021 of class A+, making the installation of HRV systems mandatory. In response to this need, FITT has developed **FITT Agix®**, the new Heat Recovery Ventilation system that offers a complete and modular solution capable of facilitating the work of designers, retailers, installers and customers.

All this is possible thanks to its characteristics, conceived to simplify all stages and get the most out of your system. With its special features, FITT Agix® is the ideal system for: the **designer**, who can design an efficient system with just a few steps; the **retailer**, who only needs to handle a small number of references; the **installer**, who thanks to the flexibility and completeness of the components can easily solve any unforeseen or critical on-site issues; and, finally, the user, who can very easily identify the ideal configuration to ensure the best level of comfort in their home.



# fitt agix®: the kiwa quality (kq) certified system according to en 17192(\*)



A

A  
K89 - EN 17192  
KIP-104695

Indoor air quality is fundamental to people's health and well-being: in developed countries, people spend 90% of their time indoors. Indoor air can be more polluted than outdoor air, because chemical indoor pollutants and biological man-made contaminants are added to the outdoor pollutants that are trapped and accumulated.

This is why FITT, an international group pioneering the development of innovative technologies and solutions for the flow of fluids for domestic, professional and industrial use, has developed FITT Agix®, the first HRV distribution and diffusion system **certified by Kiwa according to the EN 17192:2019 European standard.**

The recently introduced EN 17192 European standard is **the first standard dedicated to non-metallic ventilation pipelines in residential buildings** and fully revisits the approach to the entire distribution system, introducing many tests and evaluations:

- **system air-tightness**, which measures the air-tightness of non-metallic pipelines in accordance with EN ISO 5817: 2017"
- **headloss of the individual components**, which measures the pressure drop of non-metallic pipelines in accordance with EN ISO 5801: 2017"
- **thermal conductivity**, which determines the thermal resistance of the material in accordance with EN 12667;
- **operating temperatures**, which defines the operating temperature range for the use of ventilation pipelines;
- **fire resistance**, which determines the reaction to fire in accordance with EN 13501
- **resistance to external pressure**, which determines the maximum allowable force in accordance with EN 17192;
- **antimicrobial resistance**, which measures the extent of microbial growth in accordance with ISO 846 and ISO 22196;
- **absence of hazardous substances**, which determines the registration, evaluation, authorisation and restriction of chemicals (REACH), in accordance with the RoHS directives and the PAHs (polycyclic aromatic hydrocarbons) directives on hazardous substances, as indicated in EC Regulation No. 1907/2006.

The new EN 17192 European standard covers all the aspects typical of a ventilation system: from the raw materials used in the production of the components to the conditions of use of the installed HRV system.

The elements used in FITT Agix® have been tested according to the strict provisions introduced by the standard, to guarantee the quality, safety and maximum durability of the system.

FITT Agix® is the certified, complete, quiet and performing modular solution by FITT that easily adapts to any installation condition.

(\*) with reference to the ventilation system object of certification number KIP-104695/01, issued on 25.09.2020, PKC0004296 report



# residential ventilation standards

## SYSTEM SIZING STANDARDS

**UNI EN 10339:1995** - It provides a classification of the systems, the definition of the minimum requirements and the values of the reference quantities during operation. It applies to air conditioning systems intended for the well-being of people in enclosed buildings.

**UNITS 11300-1:2014** - It provides data and methods for the determination of the thermal energy needs of the building for summer and winter air climate control.

**UNI EN 16798-1:2019** - It replaced the UNI EN 15251:2008 standard. It specifies the indoor environment parameters in terms of thermal energy, indoor air quality, lighting and acoustics, and how to meet these parameters during the design of the system of the building and the energy performance calculations.

**UNI EN 16798-7:2018** - It replaced the UNI EN 15242:2008 standard. It describes the methods to calculate the ventilation air flow rates for buildings, to be used during energy calculations, and heating and cooling loads.

**UNI 10349-1:2016** - It replaced the UNI/TR 11328-1:2009 standard. Only applicable to Italy, it provides the conventional climate data required for the assessment of the energy and thermo-hygrometric performance of buildings, including summer and winter air conditioning systems.

**ISO 17772-1:2017** - Indoor air quality and energy performance values of buildings.

## STANDARDS RELATING TO COMPONENTS

**UNI EN 13142:2013** - It specifies the performance characteristics of the components/products that may be required for the design and sizing of residential ventilation systems, in order to ensure pre-calculated comfort conditions relating to temperature, air speed, humidity, hygiene and noise in the occupied area.

**UNI EN 13141-2:2010** - Exhaust and supply air terminal devices.

**UNI EN 13141-7:2011** - Mechanical supply and exhaust ventilation units (including heat recovery) for single family dwellings.

**UNI EN 17192:2019** - It defines test methods and performance characteristics for rigid or semi-rigid non-metallic pipelines used for the ventilation and air conditioning of buildings.

## STANDARDS FOR MEASURING SYSTEM PERFORMANCE\*

**UNI EN 15665:2009** - It defines the criteria for evaluating the performance of residential ventilation systems.

**UNI EN 14134:2019** - It specifies the controls and measurement methods for assessing the suitability for purpose of ventilation systems installed in dwellings. It can be applied to the commissioning of new systems and to the performance testing of existing systems.

---

### (\*) ATTENTION

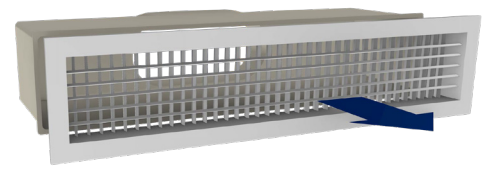
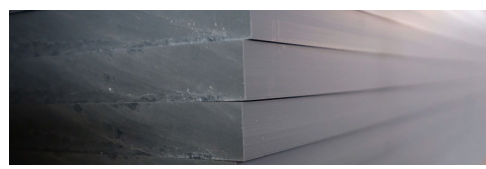
In some cases, the UNI EN 16798-3:2018 standard is improperly used as a reference.

This has replaced the UNI EN 13779:2008 standard. It applies to the design, the energy performance of buildings, and the installation of ventilation and air conditioning systems, and air conditioning of rooms of non-residential buildings occupied by people, excluding applications such as industrial processes. It focuses on the definition of the various parameters that are relevant to such systems.

---



# air diffusion



## DESIGN, TECHNOLOGY AND MATERIALS CERTIFIED FOR USE IN AIR DIFFUSION SYSTEMS

Thanks to its 30 years of experience, Airplast can guarantee a range of high-performance products, result of advanced studies and research into the best materials.

The diffusion plenums ensure perfect connection between the distribution pipelines and the air vents/grilles.

Each plenum is tightness-tested and checked for optimal coupling with the vents/grilles.

All plenums are made of antibacterial material, to ensure that the air passing through them is of the highest quality.

The vents/grilles are the result of continuous research and the development of new-generation materials.

The anti-condensation PVC is the distinguishing element of each product, and has optimal physical-chemical properties for the air distribution and diffusion sector.

Furthermore, Airplast was the first company to carry out tests (duly certified) on the antibacterial properties of PVC vents/grilles.

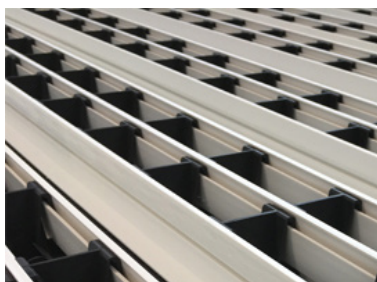
## Customisation

Our range also includes polycarbonate and expanded polyisocyanurate (PAL) diffusion plenums for every requirement. The sizes and coupling diameters of the pipelines can also be customised.

We assemble the product in such a way that no welds are visible; at the same time, we also ensure the solidity of the frames by inserting non-visible supports that make them particularly robust. In this way, we can offer an aesthetically valuable product with the guarantee of healthiness provided by the intrinsic anti-fungal qualities of PVC.

The standard colour is RAL 9010, perfectly suited to the traditional paint used in residential and/or commercial premises.

The products carry the G PVC Compound mark as a guarantee of quality and sustainability of the PVC compound.



This label was created in order to protect the processing companies and the consumer, to promote quality in compliance with the regulations in force and to ensure operating methods that safeguard both health and the environment.

The use of the mark is subject to compliance with rules concerning the responsible use of additives, production of eco-friendly formulations, restriction of the use of certain substances, the obtaining of certifications and quality marks, minimisation of waste, and support, where managerially and economically possible, for regeneration or mechanical recycling activities.

# antibacterial protection



A

A  
Certified by  
Sanitized AG

B

B  
Certified by  
HYGIENE-INSTITUT.

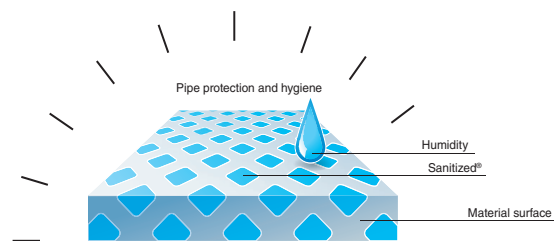
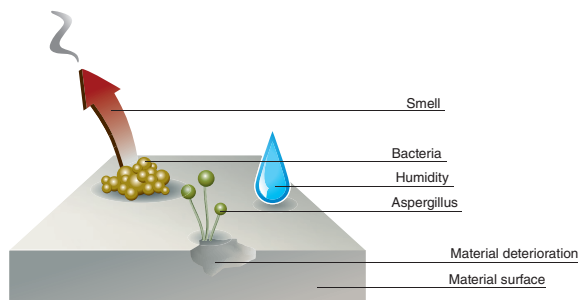
## FOR BETTER INDOOR AIR QUALITY

FITT Agix® offers an innovative duct capable of ensuring a healthy environment. Its realisation is the result of a partnership between FITT and SANITIZED AG, the world's leading manufacturer of the hygienic antimicrobial function, which when integrated in the composition of the product inhibits the long-term growth of legionella, bacteria and mould.

Indoor environments can be at least twice as polluted as the outdoors, with a significant impact on the well-being and quality of life of those who spend time and live in them. FITT Agix® hoses treated with Sanitized® help to create a healthy environment, preventing the onset of allergies and asthma.

FITT Agix® with Sanitized® antimicrobial treatment guarantees a 99% reduction of the bacterial load commonly found on the internal surface of pipelines, preventing the formation of bacteria and fungi. The use of zinc pyrithione, a biocidal active ingredient, prevents the onset of bad odours.

The effectiveness of the hygienic function throughout the entire product life cycle has been tested at the Swiss Sanitized® laboratories for a wide range of pathogenic germs, including staphylococcus aureus, legionella pneumophila, pseudomonas aeruginosa and legionella pneumophila.



Test	Method	Percentage reduction	Certifying body
Antibacterial	ASTM E 2149-10	99.6 %	SANITIZED AG Switzerland
	ISO 22196:2007	99.9 %	
Antifungal	EN ISO 22196:2007	No fungal growth detected	
Antistatic	INTERNAL METHOD	96 %	ABCS srl Milano

## CERTIFIED QUALITY

FITT Agix® has been developed in accordance with the most stringent regulations for ventilation and air conditioning systems. Product test reports from the renowned German Hygiene Institute HY confirm the compliance of the duct with the relevant standards.

### ÖNorm H6021 (03/2020 | 03/2025)

Austrian law defining the methods and specifications for safeguarding the cleanliness of ventilation systems.

### SWKI VA104-01 (03/2020 | 03/2025)

Standard issued by the Swiss Association of Civil Engineers which sets out the hygiene requirements for ventilation and air conditioning systems.

### VDI 6022 (03/2020 | 03/2025)

Standard issued by the Association of German Engineers which sets out the hygiene requirements for ventilation and air conditioning systems.

### ÖNorm H6038 (03/2020 | 03/2025)

Austrian standard providing guidelines for the design, installation, commissioning, operation and maintenance of ventilation systems.

# Filtration

## GENERAL CHARACTERISTICS

Filters are sorted by their capacity to purify air; this characteristic can be more or less accurate and indicates the type of filter.

Each filter has an ideal application in terms of maximum efficiency. Below we will define the types of filters according to the reference standards.

### EN 779:2012

The previous applicable standard was the EN 779:2012, which defined the type of filter according to the particles being trapped: coarse, medium and fine.

The filters were then sorted according to the actual amount of particles the filter mesh was able to retain: each filter was in fact followed by a number, and the higher this number, the better the filtering capacity of the filter.

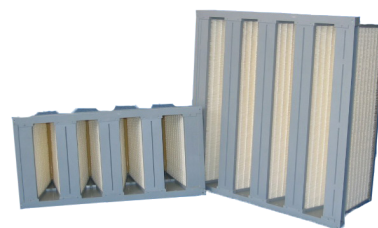
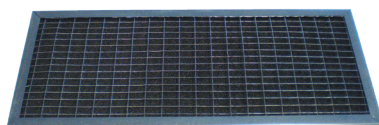
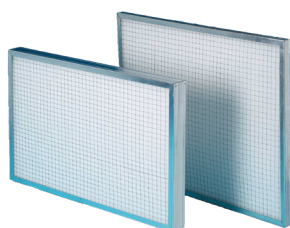
### UNI EN 16890-1:2017

The current regulation (which entered into force on 23 March 2017), sets a particulate-based efficiency rating system (ePM) for general ventilation filters.

In fact, the standard indicates the type of particle that the filter model can trap, as well as the percentage of particles retained.

In the following table, the main filters are shown according to the previous and current regulations.

		Reference standards EN 779:2012	Reference standards UNI EN ISO 16890:2017			
		CLASSIFICATION				
GROUP		Iso Coarse	ePM <sub>10</sub>	ePM <sub>2.5</sub>	ePM <sub>1</sub>	
		Coarse	G1	40 %	n/a	n/a
	Coarse	G2	60 %	n/a	n/a	n/a
	Coarse	G3	80 %	n/a	n/a	n/a
	Coarse	G4	90 %	n/a	n/a	n/a
Medium		M5	n/a	50% to 55%	10% to 35%	5% to 20%
		M6	n/a	65% to 70%	50% to 55%	20% to 40%
Fine		F7	n/a	80% to 85%	70% to 75%	60% to 65%
		F8	n/a	90% to 95%	80% to 85%	75% to 80%
		F9	n/a	95% to 100%	90% to 95%	85% to 90%



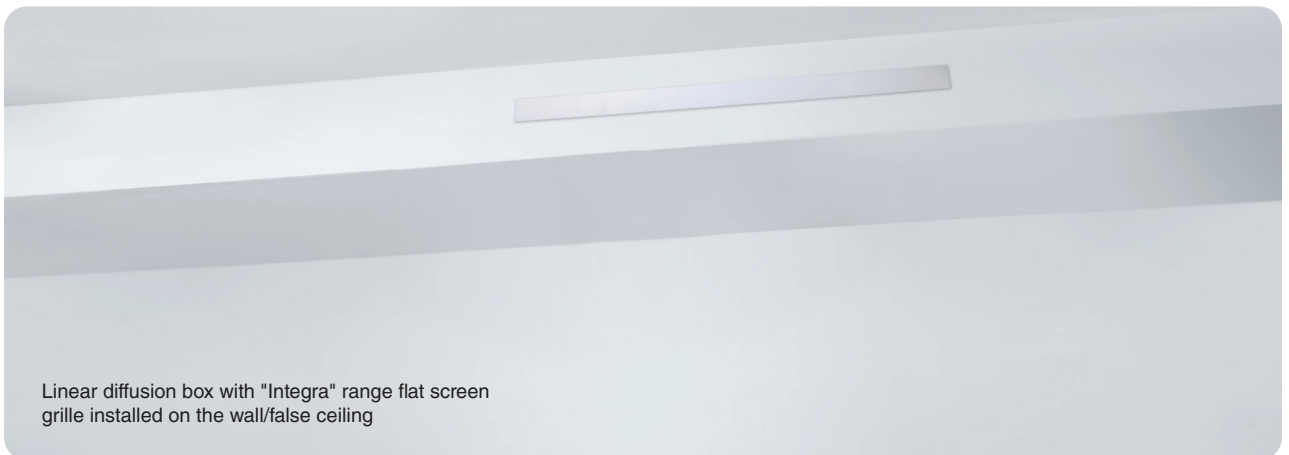
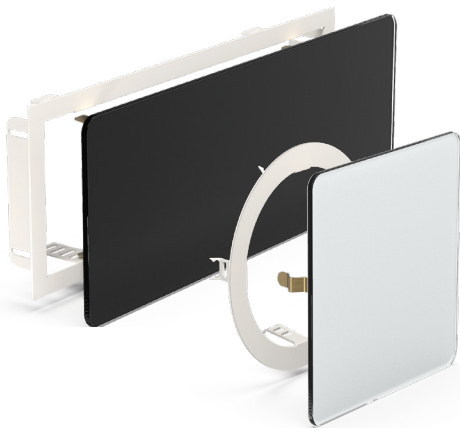
# diffusion grilles

## QUALITY AND DESIGN FOR AIR DIFFUSION

No longer cumbersome intake and extraction elements, but components that blend seamlessly with the interior design. The new Flat collection introduces a new way of interpreting the aesthetics of the air diffusion system, so that it can integrate perfectly with the design of the installation environment. The many available variants allow designers and architects to adapt the system to the style of the home, transforming air conditioning elements into elegant and discreet furnishing accessories.

Customisable versions allow HRV components to blend in seamlessly, giving the room designer full freedom of expression.

The new Flat range offers various customisations: from the clean and essential lines of the rectangular and square screens, available in white lacquered brushed stainless steel and glass versions, to the flush-to-the-wall screens, made of steel and offered in both white and brushed stainless steel versions.



Linear diffusion box with "Integra" range flat screen grille installed on the wall/false ceiling



**Indoor rectangular glass grille**

For the intake and extraction of air, it has a flat white or black back painted glass screen and aluminium frame.

# several solutions in one

**FITT Agix® cross** offers even more powerful ventilation units with flow rates of up to 600/800 m<sup>3</sup>/h. The wide range allows for installation in larger residential dwellings, and even commercial and school premises.

The **FITT Agix® one** range includes 50 to 100 m<sup>3</sup>/h stand-alone recovery units, ideal when the installation of the whole centralised system is not feasible.

**FITT Agix® mix** offers solutions designed to integrate HRV systems with air distribution systems, and to manage the ambient conditions of each individual room in the home.

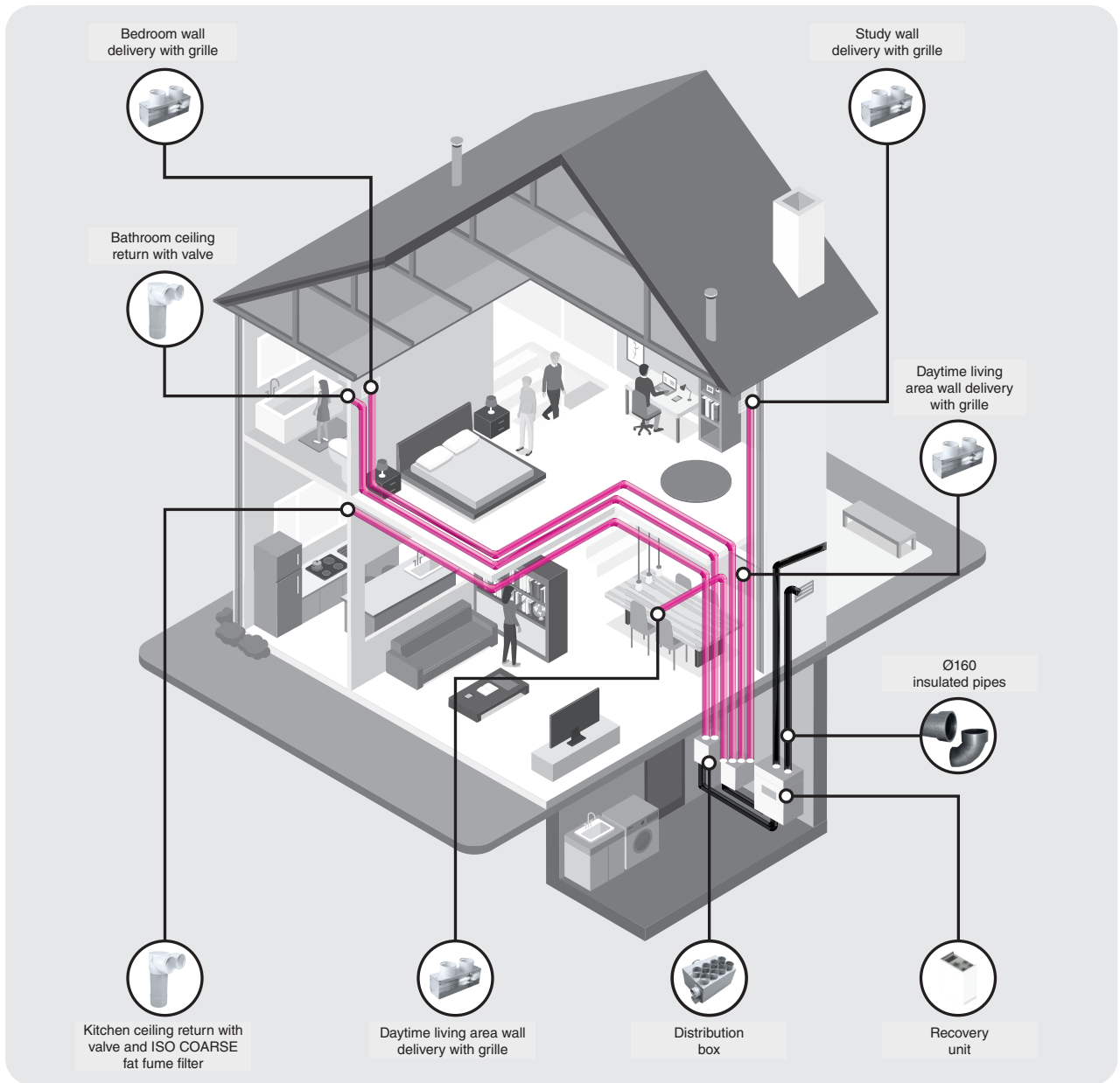


# 2

# fitt agix® cross:

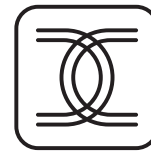
## centralised hrv with heat recovery

### GRAPHICS




- |  |   |
|--|---|
| <p><b>1</b> Maximum silence</p> <p><b>3</b> System that can be perfectly integrated into living environments</p> | <p><b>2</b> High continuous air exchange capacity</p> <p><b>4</b> Integrated, customisable and remotely manageable configurations</p> |
|--|---|



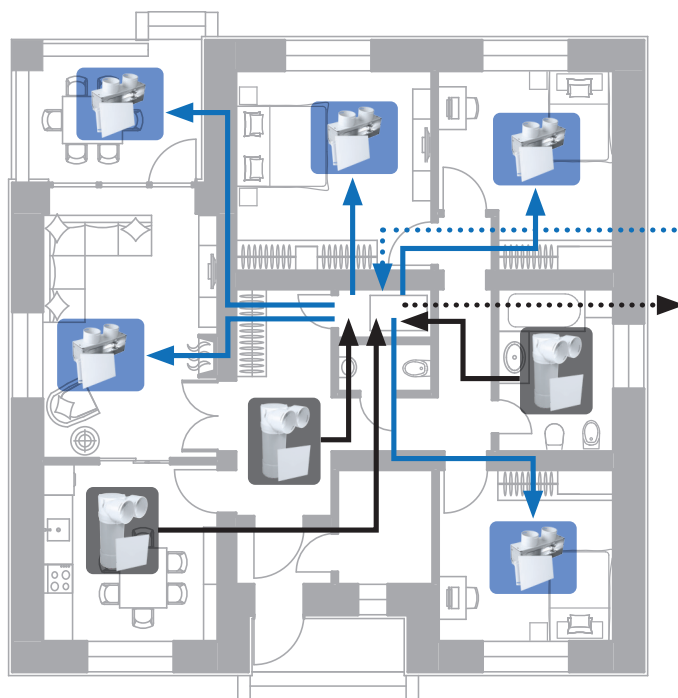


## LAYOUT DIAGRAM

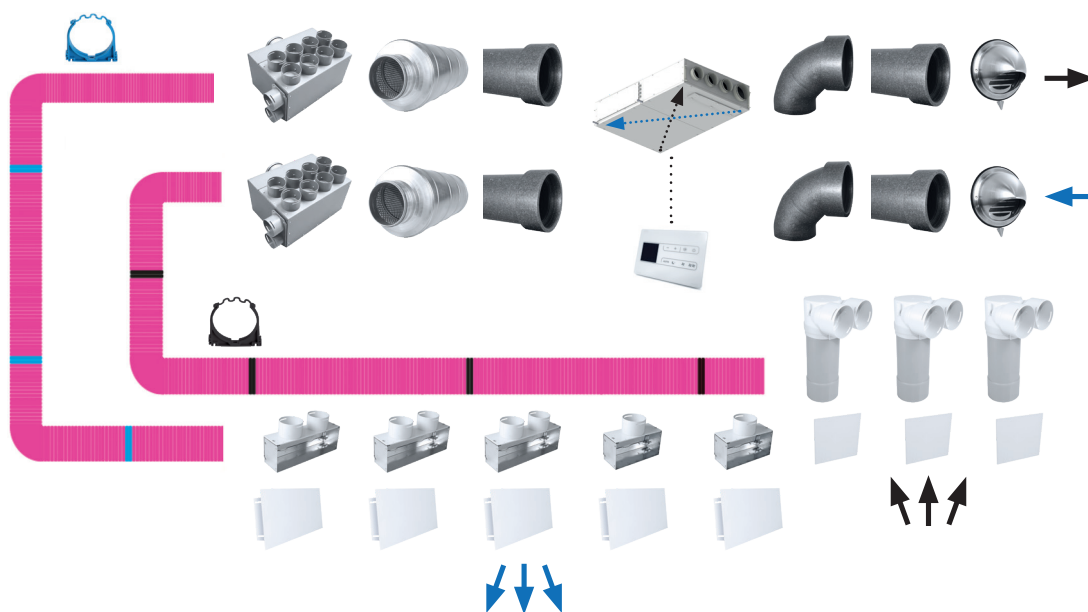
- surface 100m<sup>2</sup>
- 3 bedrooms, 2 bathrooms, living room, kitchen
- 220 m<sup>3</sup>/h recovery unit
- recovery unit and distribution box installed in a technical compartment
- wall mounted delivery ports
- ceiling mounted suction vents
- Ø75mm hose

 Delivery flow

 Return flow



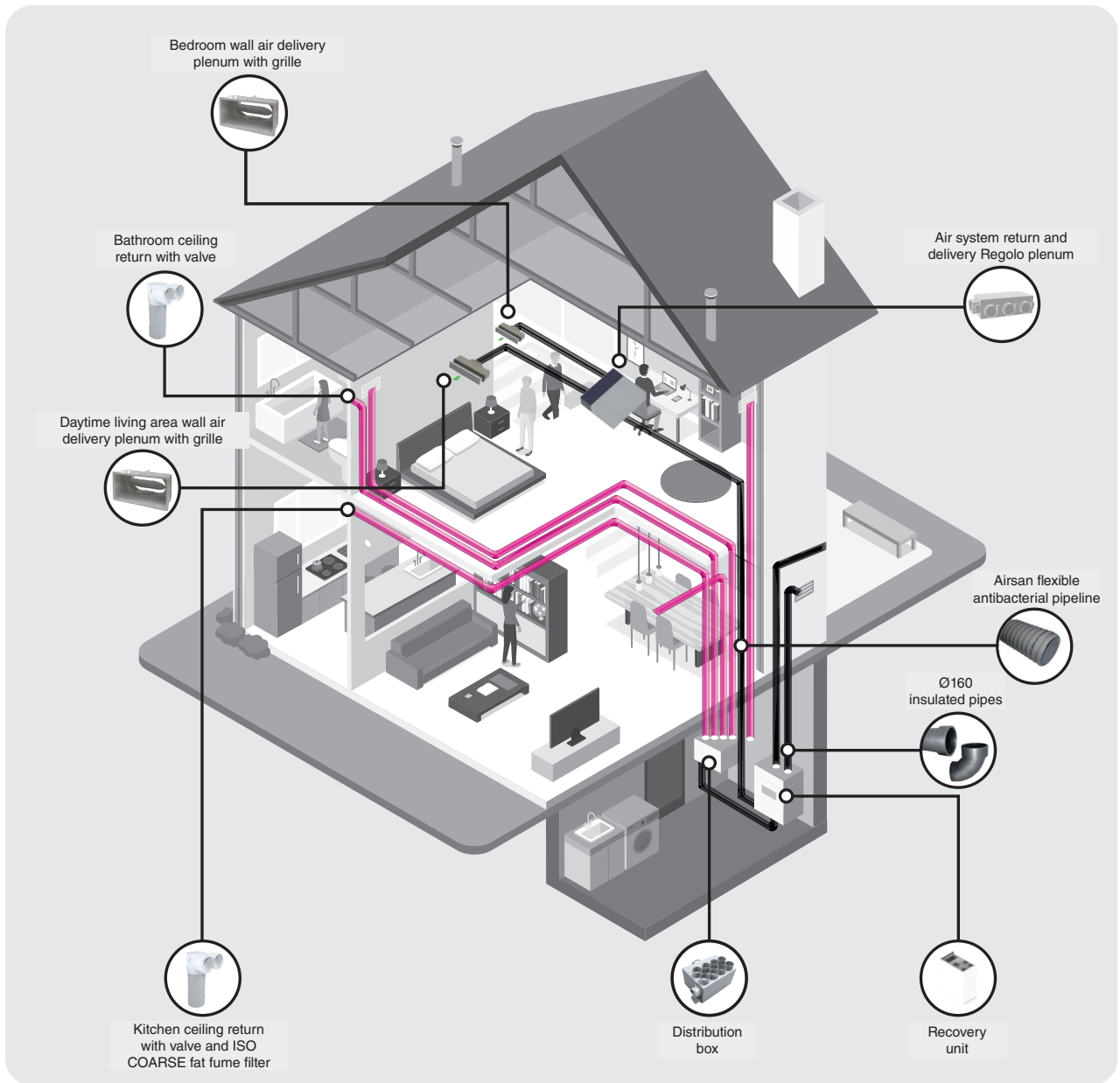
## MATERIALS NEEDED FOR THE INSTALLATION OF THE SYSTEM



# fitt agix® mix:

## hrv and air distribution

### GRAPHICS

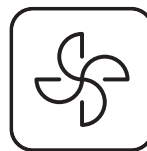


**1** Perfect integration between HRV and air distribution system

**2** High continuous air exchange capacity

**3** Elegant design solutions for the wall and the ceiling

**4** Zone management system, customisable configurations and remote coordination

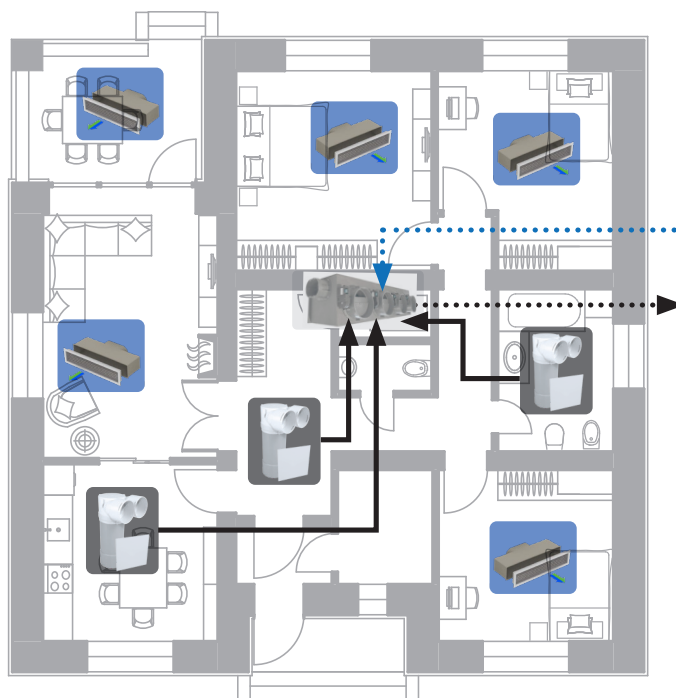


## LAYOUT DIAGRAM

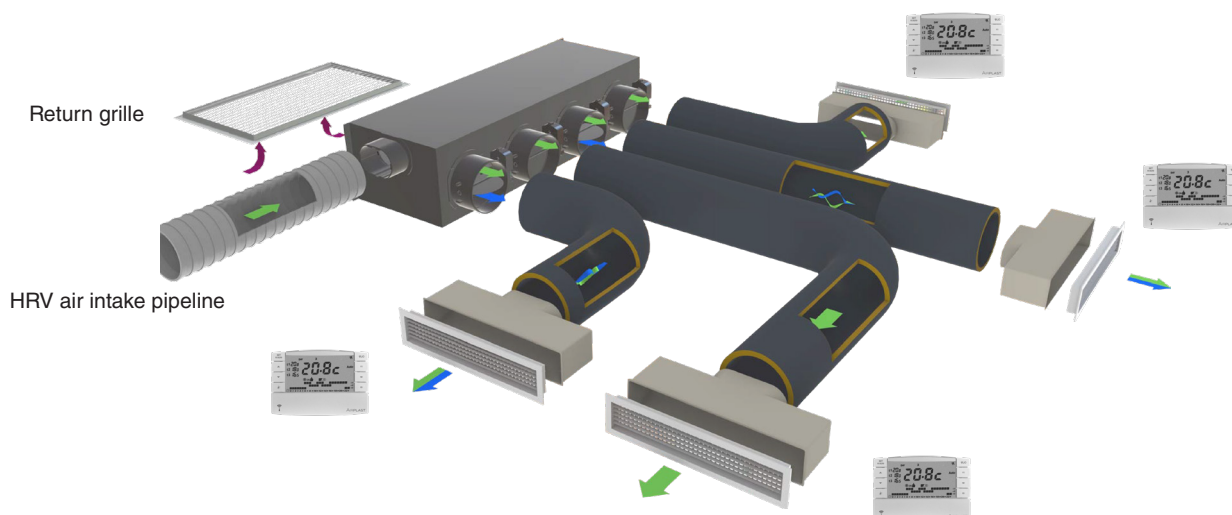
- surface 100m<sup>2</sup>
- 3 bedrooms, 2 bathrooms, living room, kitchen
- 220 m<sup>3</sup>/h recovery unit
- recovery unit and air extraction box installed in a technical compartment
- Ø75mm air extraction hose
- indoor air conditioning unit
- AirMix system for air conditioning/HRV air delivery
- wall mounted delivery ports
- ceiling mounted suction vents

 Delivery flow

 Return flow



## MATERIALS NEEDED FOR THE INSTALLATION OF THE SYSTEM



vmc

FITT Agix® is the ideal **Heat Recovery Ventilation** system for large, medium and small apartments (also for complete integration with the ceiling)



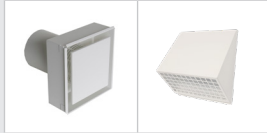
HRV

AIR SYSTEMS AND COMPONENTS

# index

## air distribution

### Outdoor grille



p. 30

### Pipelines, silencers and hoses



p. 32

### Distribution box



p. 35

### Semi-rigid pipes



p. 42

### Airpiù system



p. 44

### Adapters, Flat diffusers and grilles



p. 46

---

## air conditioning/hrv air distribution

Airbox sr, LINE-S and diffuser plenums



p. 58

HRV diffusers, plenums and vents



p. 61

Ventilation valves



p. 63

---

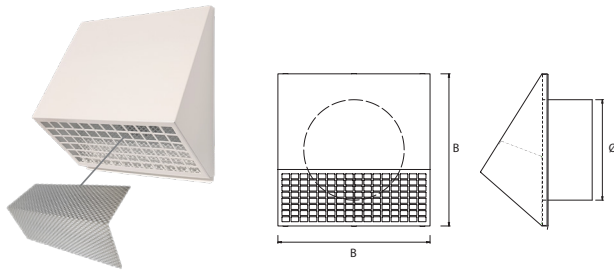
## airmix air conditioning-hrv

Airmix Smart Plenum



p. 64

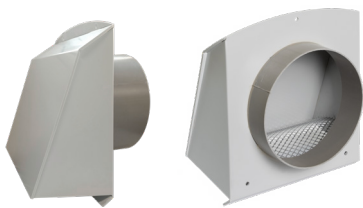
## vmgair outdoor grilles



Outdoor inspectionable air intake/exhaust snap-on grille with insect screen. Easy cleaning and maintenance.  
RAL 9010 powder-coated galvanised metal

Code	Description	Finish	B X B [mm]
VMGAIR16100	VMGAIR metal outdoor grille with Ø100 connection	RAL 9010	168 x 168
VMGAIR161251	VMGAIR metal outdoor grille with Ø125 connection	RAL 9010	230 x 230
VMGAIR1616181	VMGAIR metal outdoor grille with Ø160 / 180 connection	RAL 9010	270 x 270
VMGAIR16200	VMGAIR metal outdoor grille with Ø200 connection	RAL 9010	300 x 300
VMGAIR16250	VMGAIR metal outdoor grille with Ø250 connection	RAL 9010	300 x 300

## vmgair-pvc outdoor grilles



PVC external air intake/exhaust grille, compact, shaped and with insect screen removable from below.  
CONSTRUCTION MATERIAL: anti-condensation PVC, thickness 3 mm  
RAL 7035 COLOUR;  
Collar made of PVC pipe elements.  
Fixing methods: screws and dowels (included)

**NEW**

Code	Connection
VMGAIR125PVC	Ø 125
VMGAIR160PVC	Ø 155-160
VMGAIR200PVC	Ø 200



## vmge grille - flush mounting adapter



Customisable grille - flush mounting adapter for air intake/exhaust with coarse insect screen.  
Ideal for flush mounting on an external wall with a depth of 100 mm.

Code	Description	Connection	Finish
VMGE125B	VMGE outdoor metal grille	Ø 125	RAL 9010 galvanised powder-coated metal
VMGE125I	VMGE outdoor metal grille	Ø 125	INOX
VMGE1618B	VMGE outdoor metal grille	Ø 160 / 180	RAL 9010 galvanised powder-coated metal
VMGE1618I	VMGE outdoor metal grille	Ø 160 / 180	INOX

## exhaust grille



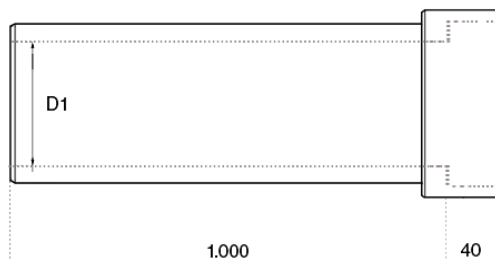
Code	Description
VMGEESFB	White ABS exhaust grille with non-return butterfly damper (removable) Universal collar Ø100/110/120/130/150

## abs grilles



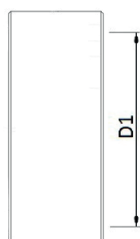
Code	Description
VMGET1216	Ø125 / Ø160 round ABS grille with springs
VMGET200	Ø200 round ABS grille with springs

# rigid epp pipelines and sleeves



## INSULATED PIPE

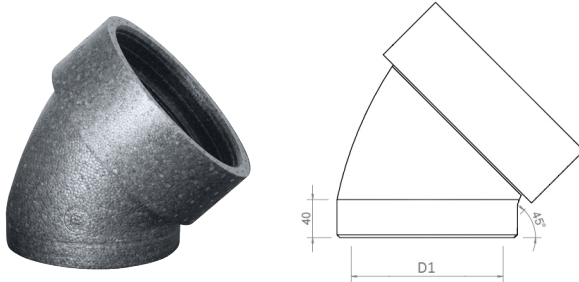
Codes		VMEPP-L1-125	VMEPP-L1-160	VMEPP-L1-180
Internal diameter (D1)	mm	125	160	180
Length	mm	1000	1000	1000
Thickness	mm	15	15	15
Transmittance	W/m*K	0.039	0.039	0.039
Airtightness	class	C	C	C
Surface roughness	mm	0.077	0.077	0.077
Material		EPP	EPP	EPP



## INSULATED SLEEVE

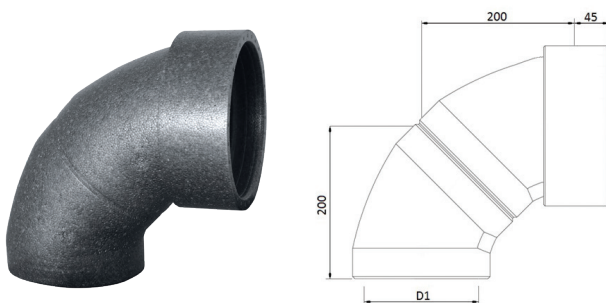
Codes		VMEPP-M-125	VMEPP-M-160	VMEPP-M-180
Internal diameter (D1)	mm	125	160	180
Thickness	mm	15	15	15
Transmittance	W/m*K	0.039	0.039	0.039
Airtightness	class	C	C	C
Surface roughness	mm	0.077	0.077	0.077
Material		EPP	EPP	EPP

# rigid epp bends



## INSULATED 45° BEND

Codes		VMEPP-C45-125	VMEPP-C45-160	VMEPP-C45-180
Internal diameter (D1)	mm	125	160	180
Thickness	mm	15	15	15
Transmittance	W/m <sup>2</sup> *K	0.039	0.039	0.039
Airtightness	class	C	C	C
Surface roughness	mm	0.077	0.077	0.077
Material		EPP	EPP	EPP



## INSULATED 90° BEND

Codes		VMEPP-C90-125	VMEPP-C90-160	VMEPP-C90-180
Internal diameter (D1)	mm	125	160	180
Thickness	mm	15	15	15
Transmittance	W/m <sup>2</sup> *K	0.039	0.039	0.039
Airtightness	class	C	C	C
Surface roughness	mm	0.077	0.077	0.077
Material		EPP	EPP	EPP

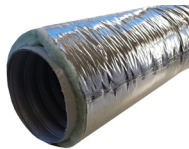
**AIRSAN HRV SILENCERS, HOSES AND RELATED ACCESSORIES**


<b>VMSI16125</b>		L=1 m	Ø 125
<b>VMSI16160</b>		L=1 m	Ø 160
<b>VMSI16180</b>	Silencers for EPP hoses or pipelines consisting of a pipe section with a plastic interior with spiral. Glass wool pipe insulation, thickness 25mm, density 16 kg/m <sup>3</sup> , with 150 micron thick non-woven inner membrane.	L=1.5 m	Ø 180
<b>VMSI1620015</b>		L=1.5 m	Ø 200
<b>VMSI16200</b>	Glass-fibre reinforced aluminised polyester outer protection.	L=10 m	Ø 200
<b>VMSI1625020</b>		L=2 m	Ø 250
<b>VMSI16250</b>		L=10 m	Ø 250



<b>VML2610085</b>		Ø 85
<b>VML2610102</b>	AIRSAN flexible pipeline	Ø 102
<b>VML2610127</b>	<b>L=10ml</b> with SANITIZED anti-bacterial/anti-mould internal treatment, heat-insulating coating and external resin film protection.	Ø 127
<b>VML2610160</b>	Internal harmonic steel wire spiral	Ø 160
<b>VML2610203</b>	It can be cleaned with a probe.	Ø 203
<b>VML2610254</b>		Ø 254

for the AIRSAN hose, also see the hose section in the SYSTEMS section



<b>VML2610127R</b>	Condotto flessibile AIRSAN RIVESTITO	Ø 127
<b>VML2610160R</b>	<b>L=10ml</b> con trattamento interno antibatterico/antimuffa SANITIZED, rivestimento termo-isolante e protezione esterna con film di resine.	Ø 160
<b>VML2610203R</b>	Spirale incorporata in filo di acciaio armonico. Rivestimento esterno in fibra di poliestere 25 mm avvolto con strato paravapore in film alluminizzato	Ø 203
<b>VML2610254R</b>	Pulibile con sonda.	Ø 254

for the AIRSAN hose, also see the hose section in the SYSTEMS section



<b>-Q/03100</b>		Ø 100
<b>-Q/03125</b>	Manicotti di giunzione in PVC per unire tubazioni flessibili fra di loro ed ancora: tubo flessibile - Aisan,	Ø 125
<b>-Q/03160</b>	silenzianti - Aisan,	Ø 160
<b>-Q/03200</b>	silenzianti - tubo flessibile	Ø 200
<b>-Q/03245</b>	Per il fissaggio del tubo si può utilizzare una fascetta stringitubo di dimensioni adeguate	Ø 245
<b>-Q/03295</b>		Ø 295













<b>-N/0160135</b>	Fascette stringitubo	per Ø 127
<b>-N/0160215</b>	in acciaio, larghezza 9 mm, spessore 0,6 mm.	per Ø 160 e 200
<b>-N/0160380</b>	(conf. da 10 pz)	per Ø 254



**AIRBOX PP DISTRIBUTION BOX Ø125**

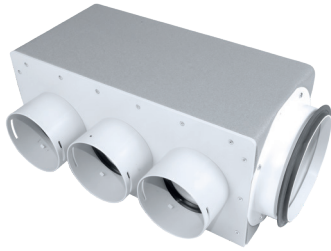
<b>VMABOX12475</b>		4 collarini Ø 75
<b>VMABOX12490</b>	AIRBOX attacco Ø 125 - N.B. escluso eventuali clips antisfilamento	4 collarini Ø 90
<b>VMABOX12675</b>		6 collarini Ø 75
<b>VMABOX12690</b>		6 collarini Ø 90
<b>VMABOXRAC</b>	raccordo in PVC per innesto Ø 125 su Airbox	

**Ø 125 AIRBOX COMPOSITION EXAMPLES WITH THE MAIN AIR DISTRIBUTION PIPELINES**

<p>AIRBOX 125 code VMABOX12675</p> 	<p>+</p> <p>EPP pipe Ø125 code VMEPP-L1-125</p> 	<p>→</p> 
<p>E</p> <p>VMABOXRAC fitting</p> 	<p>+</p> <p>Airsan pipe Ø127 code VML2610125</p>  <p>+</p> <p>Hose clamp code -N/0160135</p> 	<p>→</p> 
	<p>+</p> <p>Silencer Ø125 code VMSI16125</p>  <p>+</p> <p>Hose clamp code -N/0160135</p> 	<p>→</p> 

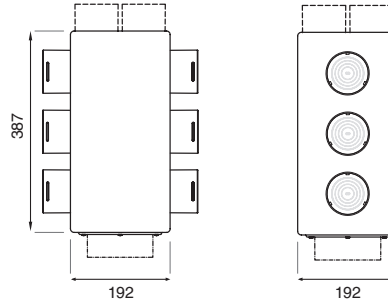


# smart small sheet metal-pvc distribution box



Smart Small externally insulated distribution box sizes WxHxD: 387x192x192 mm.

(including 1 collar diameter increasing ring)



Smart Small box + Expansion plate



Code	Description	Collar Ø [mm]
VMSMART1216675	with 6 Ø75 Grey pipe collars	125/160
VMSMART1618675	and no. 1 preset on short side for the PVC expansion plate (EXCLUDED)	160/180
VMSMART12161075	with 10 Ø75 Grey pipe collars	125/160
VMSMART16181075	and no. 1 preset on short side for the PVC expansion plate (EXCLUDED)	160/180
VMSMART1216690	with 6 Ø90 Grey pipe collars	125/160
VMSMART1618690	and no. 1 preset on short side for the PVC expansion plate (EXCLUDED)	160/180

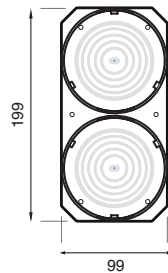
Note: all sheet metal-pvc Smart boxes are partially lined internally with 10 mm thick polyester fibre panel with film:



\* With thermo-acoustic lining

\* Prevents the proliferation of fungi and bacteria; suitable for installation inside ventilation ducts

## expansion plate



PVC expansion plate with no. 2 additional collars for Smart Small box on the short side and for Smart Medium and Large box on one side

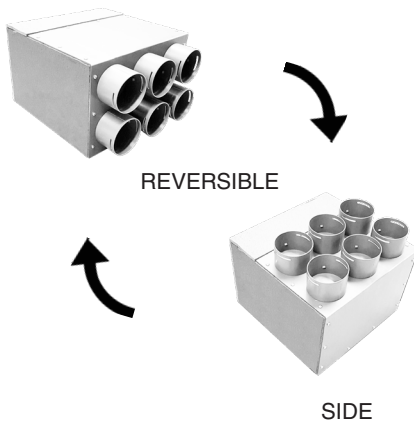
Screws and gaskets included

Note: excluding the use of expansion plates on the FITT Agix Smart-PVC series boxes on p. 39

Code	Description	Ø [mm]
VMSMPL275	PVC expansion plate	75
VMSMPL290		90

# smart medium sheet metal-pvc distribution box

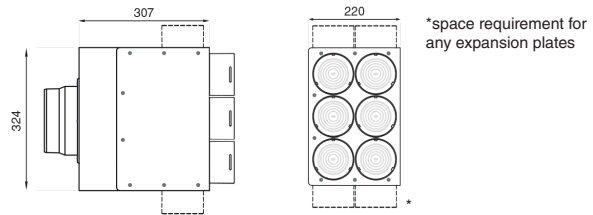
REAR



Smart Medium reversible externally insulated distribution box sizes WxHxD: 321x307x220 mm, thickness 6 mm.

(including 1 collar diameter increasing ring)

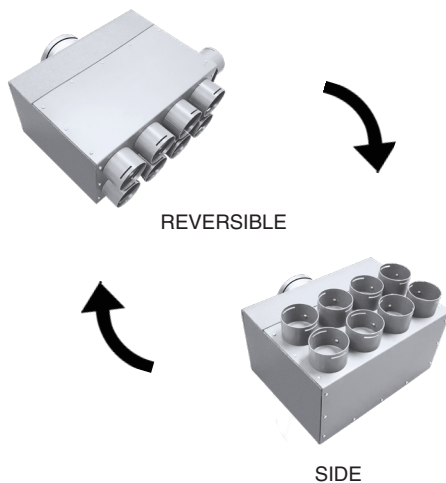
Reversible: supplied as standard with axial/rear connections, which are however reversible (side connections obtained by rotating the plate on site).



Code	Description	Collar Ø [mm]
VMSMM1216675	with 6 Ø75 pipe collars on base plate and no. 2 side presets for the PVC expansion plates (EXCLUDED)	125/160
VMSMm1618690	with 6 Ø90 collars on base plate and no. 2 side presets for the PVC expansion plates (EXCLUDED)	160/180

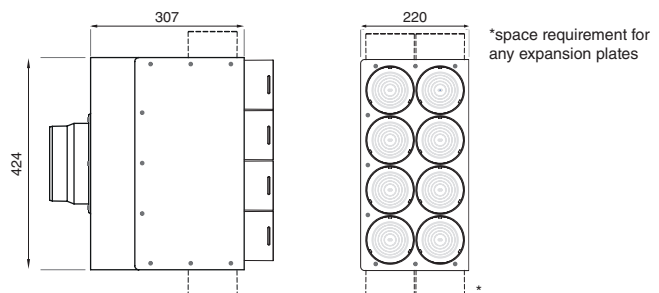
# smart large sheet metal-pvc distribution box

REAR



Smart Large externally insulated distribution box sizes WxHxD: 424x307x220 mm, thickness 6 mm.

(including 1 collar diameter increasing ring)



Code	VMSML1618875	VMSML1618890
Collar diameter for diffusion side pipe	mm 75	90
collars supplied as standard	nr 8	8
optional collars max	nr 2+2	2+2
Hose diameter on unit side	mm 160/180	160/180
Maximum flow rate with 8 collars (air speed 3 m/s)	mc/h 272	384
Maximum flow rate with 8+4 collars (air speed 3 m/s)	mc/h 408	450

# fitt agix smart box distribution box

Box for distributing fresh air to living rooms, or extracting exhaust air from humid rooms.

Fully made of anti-condensation PVC, thickness 3 mm.

They are internally lined with 10 mm thick polyester fibre panels covered with a self-extinguishing protective film that is impermeable to water, oil and dust.

They are also externally coated with 3 mm thick polyethylene foam insulation.

The boxes have a PP main coupling with gasket (diameter Ø125-Ø160 or Ø160-Ø180, depending on model), for connection to the ventilation unit by means of a rigid or flexible pipeline (if required, with the interposition of a silencer, not supplied but recommended).

Fixing to the wall or ceiling is by means of 4 adjustable 'L' brackets with self-tapping PVC screws supplied.

To allow distribution to the various rooms, they have PP connections ("Grey" type) to the round semi-rigid pipes (Ø75 or Ø90, depending on model).

The 'SMART BOX S' series has 6 connections consisting of threaded Grey collars, and also 2 threaded sealing plugs on the face opposite the main connection. These plugs are easily unscrewed for the installation of additional threaded Grey collars or for swapping the positions of the Grey collars installed at the factory.

The "SMART BOX M" series has 6 connections consisting of threaded Grey collars, and also 6 threaded sealing plugs on one of the sides, as well as 2 more threaded plugs on both sides.

These plugs are easily unscrewed for the installation of additional threaded Grey collars (please note that there are only 4 couplings on the sides for the addition of further connections ) or for swapping the positions of the Grey collars installed at the factory.

The "SMART BOX M" series has 8 connections consisting of threaded Grey collars, and also 8 threaded sealing plugs on one of the sides, as well as 2 more threaded plugs on both sides.

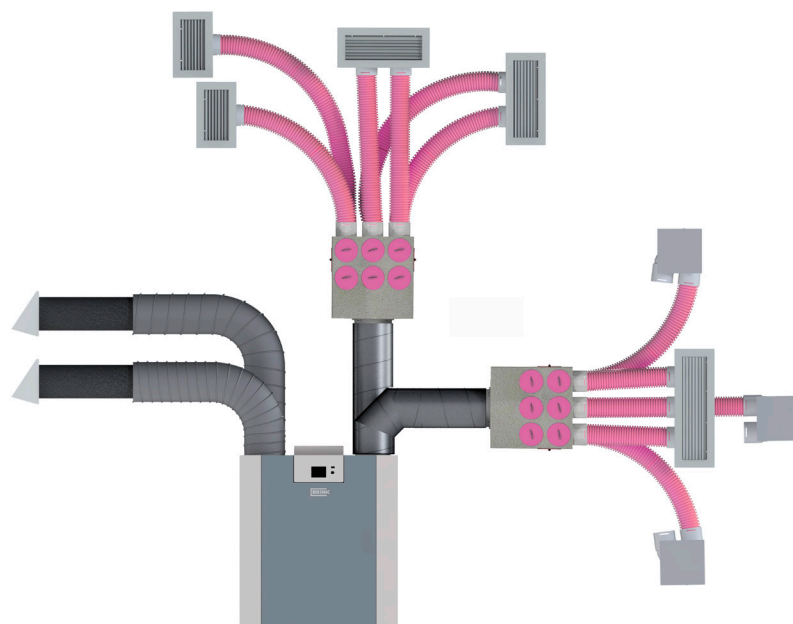
These plugs are easily unscrewed for the installation of additional threaded Grey collars (please note that there are only 4 couplings on the sides for the addition of further connections ) or for swapping the positions of the Grey collars installed at the factory.

Accessories: Grey threaded collars Ø75 or Ø90.

For other accessories, relating to collars and semi-rigid and flexible pipelines.

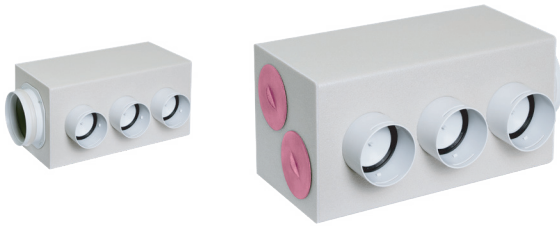
NEW

PATENT  
PENDING





## fitt agix smart box s distribution box



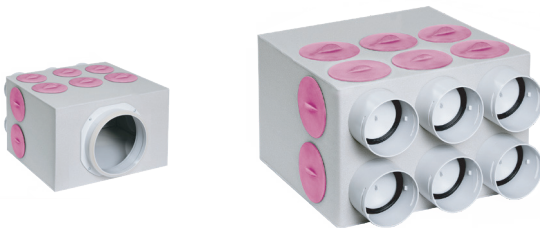
Internally and externally insulated Smart - BOX S distribution box.  
Entirely made of PVC  
Sizes WxHxD: 387x192x192 mm  
(including 1 collar diameter increasing ring)



**PATENT  
PENDING**

Code	Description	Ø diffusion side pipe collars [mm]	Collars supplied as standard [no.]	Collar Ø [mm]
VMSMSP1275		75	6	125/160
VMSMSP1675	n. 2 presets for collars, with threaded plugs	75	6	160/180
VMSMSP1290		90	6	125/160
VMSMSP1690		90	6	160/180

## fitt agix smart box m distribution box



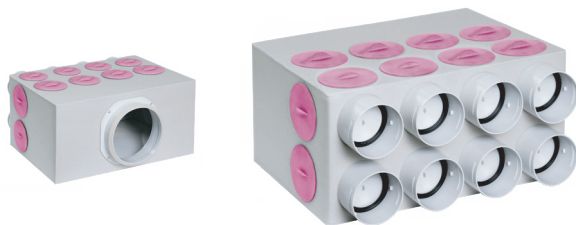
Internally and externally insulated Smart - BOX M distribution box.  
Entirely made of PVC  
Sizes WxHxD: 321x307x220 mm.  
(including 1 collar diameter increasing ring)



**PATENT  
PENDING**

Code	Ø diffusion side pipe collars [mm]	Collars supplied as standard [no.]	Max optional collars [no.]	Ø unit side collar [mm]	Maximum flow rate with 6 collars (air speed 3 m/s) [m³/h]	Maximum flow rate with 6+4 collars (air speed 3 m/s) [m³/h]
VMSMMP75	75	6	2+2	125/160	204	340
VMSMMP90	90	6	2+2	160/180	288	400

## fitt agix smart box l distribution box



Internally and externally insulated Smart - BOX L distribution box.  
Entirely made of PVC  
Sizes WxHxD: 424x307x220 mm.  
(including 1 collar diameter increasing ring)



**PATENT  
PENDING**

Code	Ø diffusion side pipe collars [mm]	Collars supplied as standard [no.]	Max optional collars [no.]	Ø unit side collar [mm]	Maximum flow rate with 8 collars (air speed 3 m/s) [m³/h]	Maximum flow rate with 8+4 collars (air speed 3 m/s) [m³/h]
VMSMLP75	75	8	2+2	160/180	272	408
VMSMLP90	90	8	2+2	160/180	384	450

## slim little pvc distribution box



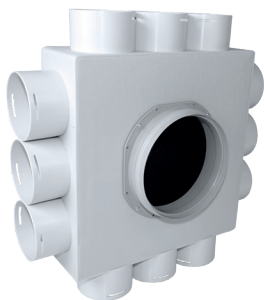
SLIM LITTLE distribution box insulated externally and lined internally with thermal-acoustic panel. No. 1 Ø125 or Ø160 collar with gasket and collars for round semi-rigid pipe  
Box body dimensions (253 x 253 x 118 mm).  
Anti-condensation PVC material.  
Ideal for floor use

Code	Model
VMBSL12875	Ø125 and 8 x Ø75
VMBSL12890	Ø125 and 8 x Ø90
VMBSL16875	Ø160 and 8 x Ø75
VMBSL16890	Ø160 and 8 x Ø90



Technical detail of the  
**Slim little PVC distribution box**

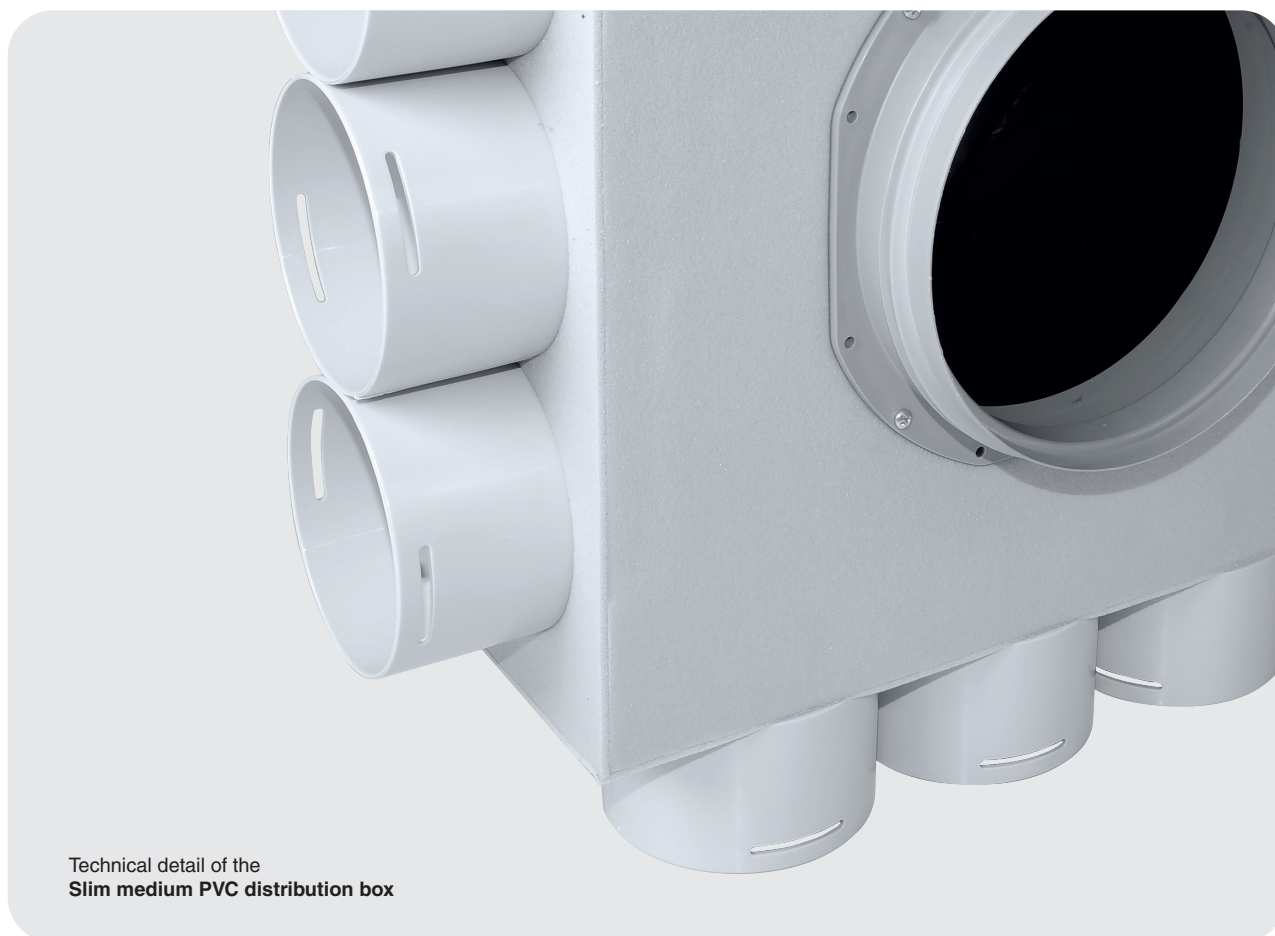
# slim medium pvc distribution box



SLIM MEDIUM distribution box insulated externally and lined internally with thermal-acoustic panel. No. 1 Ø160 or Ø180 collar with gasket and collars for round semi-rigid pipe

Box body dimensions (354 x 354 x 118 mm)  
Anti-condensation PVC material.  
Ideal for floor use

Code	Model
VMBSM161275	Ø160 and 12 x Ø75
VMBSM161290	Ø160 and 12 x Ø90
VMBSM181275	Ø180 and 12 x Ø75
VMBSM181290	Ø180 and 12 x Ø90



Technical detail of the  
**Slim medium PVC distribution box**



# semi-rigid pipes



## SEMI-RIGID ROUND PIPE Ø75 / Ø90

<b>VMLA187550AG</b>	Antimicrobial, antibacterial and antistatic round pipe L= 50 m	<b>Ø 75</b> (Flow rate at 3 m/s: 34 m³/h)
<b>VMLA189050AG</b>		<b>Ø 90</b> (Flow rate at 3 m/s: 48 m³/h)

COMPLIANT WITH EN ISO846:1999 - Resistant to static loads



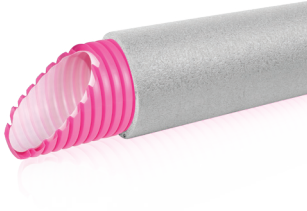
<b>VMGI1875-AG</b>	Joint-sleeve for round pipe	<b>Ø 75</b>
<b>VMGI1890-AG</b>		<b>Ø 90</b>



<b>VMCUTAG-7590</b>	Cutter for semi-rigid round pipes	<b>For pipes Ø75 - Ø90</b>
<b>VMCUT75</b>	Semi-rigid round pipe cutter support - cutter not included -	<b>For pipes Ø75</b>
<b>VMCUT90</b>		<b>For pipes Ø90</b>

# insulated semi-rigid round pipes

## INSULATED SEMI-RIGID ROUND PIPES Ø75 / Ø90

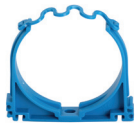


<b>VMLAI61875AG</b>	Antimicrobial, antibacterial, antistatic round pipe L= 25 m	Ø 75 insulation thickness 6 mm
<b>VMLAI61890AG</b>	Externally insulated with chemically cross-linked closed-cell PE foam adhesive mat	Ø 90 insulation thickness 6 mm

## ACCESSORIES FOR SEMI-RIGID ROUND PIPE Ø75 E Ø90



<b>VMAT186375AP</b>	Round pipe seal ring (10 pcs pack)	Ø 75
<b>VMAT187590AP</b>		Ø 90



<b>VMCLIP-75BL</b>	Pipe clips with safety spring The ducts can be secured in any condition	Ø75	blue	50 pcs pack
<b>VMCLIP-75NR</b>	Available in blue and black Immediate recognition of delivery (blue) and return (black)	Ø75	black	50 pcs pack
<b>VMCLIP-90BL</b>	Modular hook for multiple lines	Ø90	blue	40 pcs pack
<b>VMCLIP-90NR</b>	Speed and ease of installation	Ø90	black	40 pcs pack



<b>VMTDB75AG</b>	Round pipe plugs 10 pcs pack	Ø 75
<b>VMTDB90AG</b>		Ø 90

# airpiu system components for semi-rigid pipe



<b>VMGI186375AP</b>	Round pipe straight joint	Ø 75
<b>VMGI187590AP</b>		Ø 90



<b>VMC1875AP</b>	AIR PIÙ 90° bend for round pipe (with pipe holding claws) - including sealing rings, tensile resistant rings	Ø 75
<b>VMC1890AP</b>		Ø 90



<b>VMRC187590AP</b>	AIR PIÙ Ø90 - Ø75 pipe reduced bend	
---------------------	-------------------------------------	--



<b>VMRD187590AP</b>	AIR PIÙ Ø90 - Ø75 pipe reduced coupling for system round pipe (with pipe holding claws) - including sealing rings, tensile resistant rings	
---------------------	--	--



<b>VMRP1875</b>	Round pipe flow regulator (10 pcs pack)	Ø 75
<b>VMRP1890</b>	Round pipe flow regulator (5 pcs pack)	Ø 90

## SEMI-RIGID PIPE GREY COLLARS Ø75 AND Ø90



<b>COLL75-7035</b>	Quick coupling collar suitable for connecting semi-rigid corrugated double-wall pipes with an external diameter of Ø75 mm (and internal diameter of Ø63 mm) or Ø90 mm (and internal diameter of Ø75 mm), for use in HRV systems.	for semi-rigid pipes Ø75
<b>COLL90-7035</b>	Collar made of hPP (polypropylene monopolymer). Easy to install by screwing onto a threaded base*, a threaded ring nut, or using glue.	for semi-rigid pipes Ø90

## HRV AIRSAN HOSE



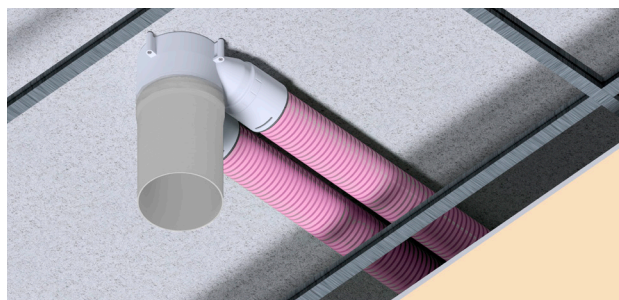
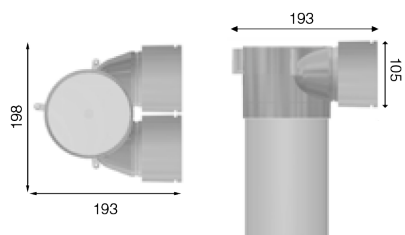
<b>VML2610085</b>	AIRSAN flexible pipeline L= 10 m with SANITIZED anti-bacterial/anti-mould internal treatment, heat-insulating coating and external resin film protection. Internal harmonic steel wire spiral. It can be cleaned with a probe	Ø 85	for collars Ø75
<b>VML2610102</b>		Ø 102	for collars Ø90

# Ø125 pp airpiù system circular adapters



## Ø125 PP AIRPIÙ SYSTEM CIRCULAR ADAPTERS - CEILING INSTALLATION

<b>VMAVCPRO75AP</b>	Ø125 circular adapter with extension and collar gaskets included	2 collars Ø75
<b>VMAVCPRO90AP</b>	Ø 125 PP plug for on-site protection included	2 collars Ø90



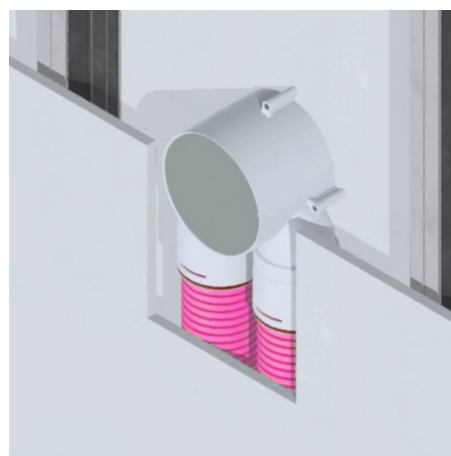
<b>VMLT125PROL</b>	Ø125 circular adapter extension - useful length 33 cm
--------------------	---



<b>VMKFAV1251</b>	Ø 125 adapter fixing kit for installation on plasterboard, including 15 cm extension
-------------------	--

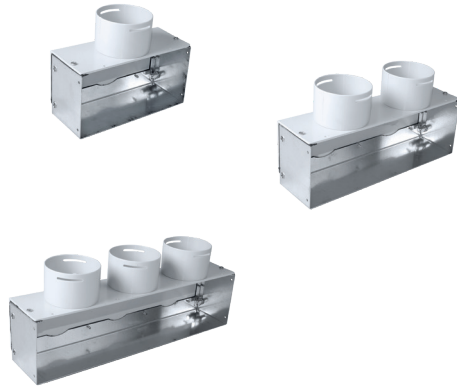
## Ø125 PP AIRPIÙ SYSTEM CIRCULAR ADAPTERS - WALL INSTALLATION

<b>VMAVC75AP</b>	Ø125 circular adapter with mortar protective cover FOR WALL INSTALLATION	2 collars Ø75
<b>VMAVC90AP</b>	Including sealing rings	2 collars Ø90



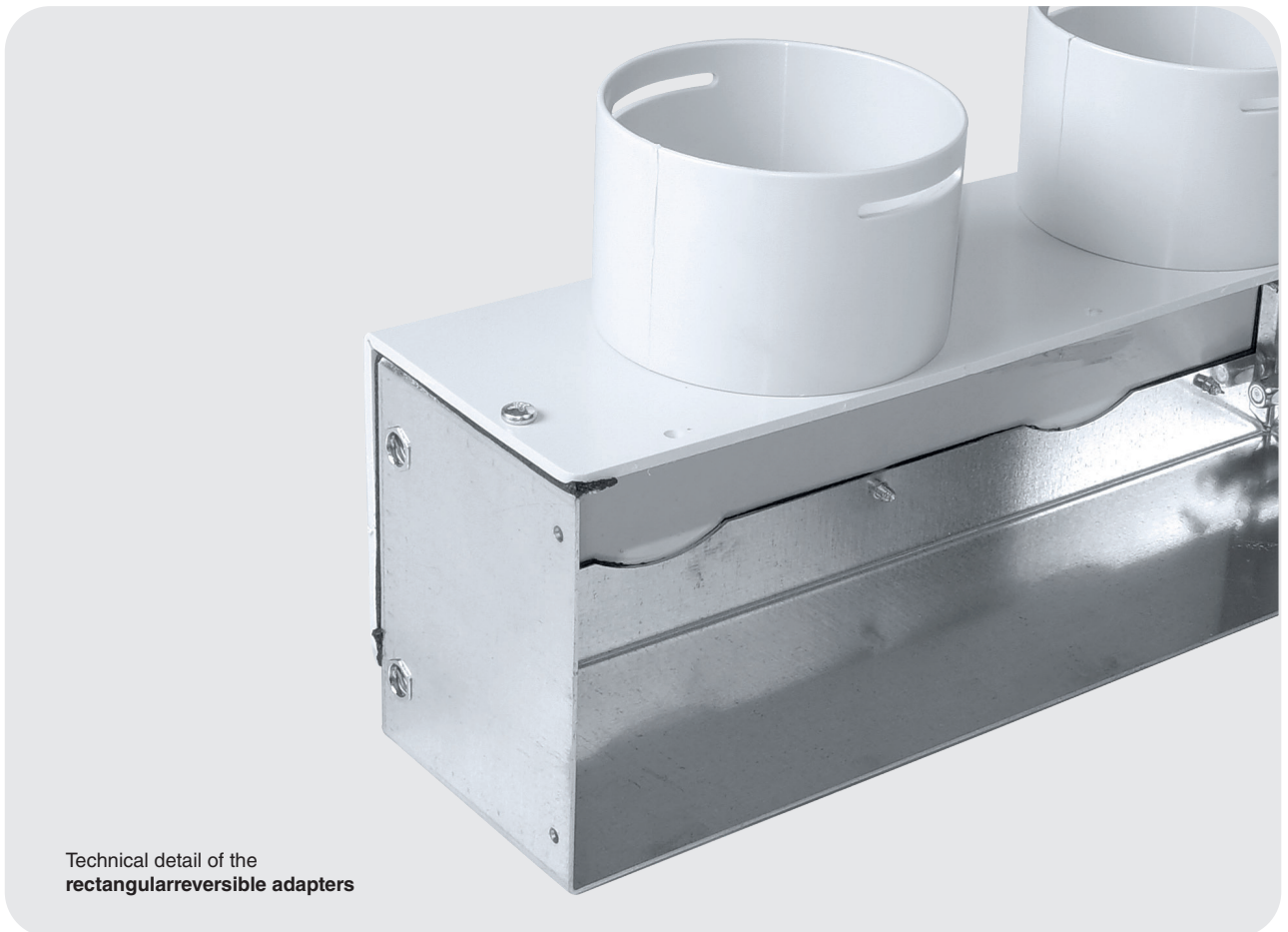
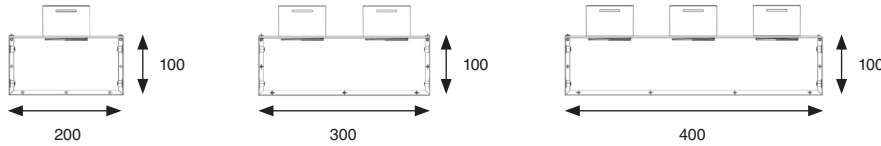
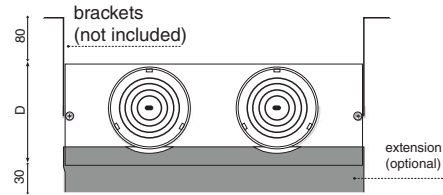


# rectangular reversible adapters



Galvanised sheet metal and PVC adapters with factory set side connections that can also be moved to the rear ("reversible"), including Grey type collars  
 With semi-rigid pipe seals. Cardboard template for dust protection included.  
 Suitable for Flat vents, grilles and diffusers, and perforated grilles.

Depth 103 mm



Technical detail of the rectangular reversible adapters

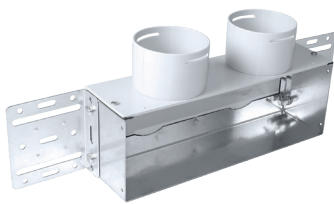


Code		VMAD20X10X1075	VMAD30X10X1075	VMAD40X10X1075
Collar diameter	mm	75	75	75
Collars	n.	1	2	3
Grille side dimensions	mm	200x100	300x100	400x100
Max flow rate (air speed 3 m/s)	m <sup>3</sup> /h	34	68	102
Depth (P)	mm	103	103	103

Code		VMAD20X10X1090	VMAD30X10X1090	VMAD40X10X1090
Collar diameter	mm	90	90	90
Collars	nr	1	2	3
Grille side dimensions	mm	200x100	300x100	400x100
Max flow rate (air speed 3 m/s)	m <sup>3</sup> /h	48	96	144
Depth (P)	mm	103	103	103

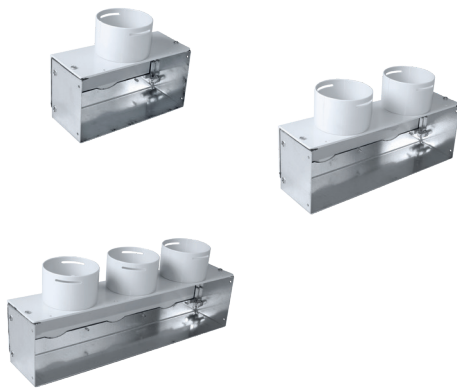


**VMADKITS100** Kit of 2 brackets for fixing galvanised sheet metal 100 mm high and 103 mm or 83 mm deep adapters, or 140x140 mm square adapters



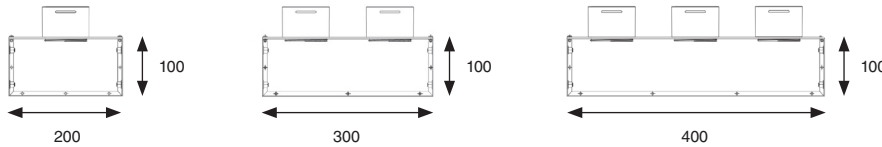
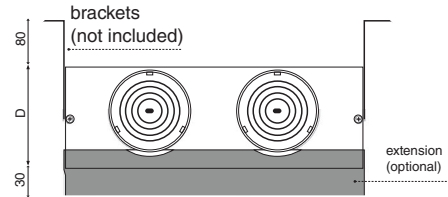


# low-profile rectangular reversible adapters



Galvanised sheet metal and PVC adapters with factory set side connections that can also be moved to the rear ("reversible"), including Grey type collars  
 With semi-rigid pipe seals. Cardboard template for dust protection included.  
 Suitable for Flat vents, grilles and diffusers, and perforated grilles.

Depth reduced to 83 mm

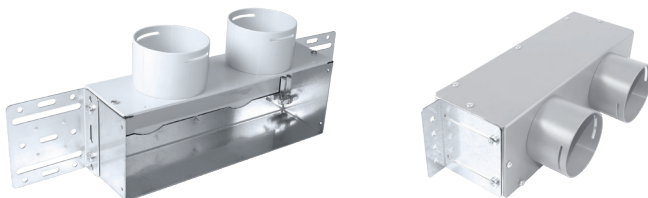


Code		VMAD20X10XR75	VMAD30X10XR75	VMAD40X10XR75
Collar diameter	mm	75	75	75
Collars	nr	1	2	3
Grille side dimensions	mm	200x100	300x100	400x100
Max flow rate (air speed 3 m/s)	mc/h	34	68	102
Depth (P)	mm	83	83	83

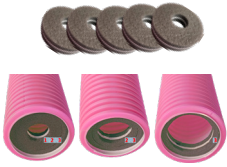


### VMADKITS100

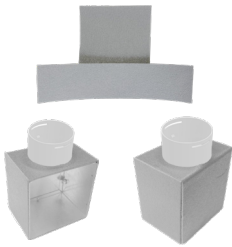
Kit of 2 brackets for fixing galvanised sheet metal 100 mm high and 103 mm or 83 mm deep adapters, or 140x140 mm square adapters



# accessories for adapters



<b>VMRPT75AP</b>	Flow regulator for semi-rigid pipes - 5 pcs pack (to be inserted inside the pipe on the grille side.)	Ø 75
<b>VMRPT90AP</b>	Each regulator consists of 3 removable rings	Ø 90



<b>VMKISOP140X140</b>	Insulation kit for square or rectangular adapters (with cut-outs to thickness for Ø75, Ø90 pipe collars)	140x140
<b>VMKISOP200X100</b>		200x100
<b>INSULATION CHARACTERISTICS</b>		
<b>VMKISOP300X100</b>	Density 30 kg/m <sup>3</sup> - Thickness: 3 mm	300x100
<b>VMKISOP400X100</b>	Thermal conductivity at 23°C: 0.035 W/mK Thermal conductivity at 40°C: 0.039 W/mK	400x100



<b>VMPP140X140</b>		140x140
<b>VMPP200X100</b>		200x100
<b>VMPP300X100</b>	D=30 mm extension for galvanised steel metal-PVC adapters	300x100
<b>VMPP400X100</b>		400x100



<b>VMRF140X140</b>		140x140x100
<b>VMRF200X100</b>		200x100x100
<b>VMRF300X100</b>	G4 mesh + filter kit for galvanised sheet metal-PVC adapters (1 pc.)	300x100x100
<b>VMRF400X100</b>		400x100x100



<b>VMFV100140X140</b>		140x140x100
<b>VMFV100200X100</b>		200x100x100
<b>VMFV100300X100</b>	Filter for galvanised sheet metal and polycarbonate polyester adapters, class G4, pack of 10 pcs.	300x100x100
<b>VMFV100400X100</b>		400x100x100



<b>VMFV100125</b>	Ring + filter kit for adapter with pipe/extension Ø125	
-------------------	--	--



<b>VMF-125DS</b>	Ø125 double-layer filter specific for smoke-grease	
------------------	--	--

<b>VMFV100125</b>	G4 class Ø125 polyester filter for adapters - 10 pcs pack	
-------------------	---	--

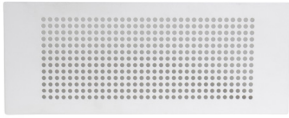


# perforated screen diffusers



## PERFORATED SLOTTED SCREEN DIFFUSERS

Code	Description	Hole size [mm]
VMGSFAO200X100B		200x100
VMGSFAO300X100B	ALUMINIUM PERFORATED DIFFUSER WITH HORIZONTAL SLOTS RAL 9010	300x100
VMGSFAO400X100B		400x100



## CLASSIC PAINTED GALVANISED STEEL PERFORATED SCREEN DIFFUSERS

Code	Description	Flow rate at 1 m/s [m³/h]	Hole size [mm]
VMGSF140X140B		10	140x140
VMGSF200X100B	Perforated screen diffuser white RAL 9010 galvanised sheet metal	18	200x100
VMGSF300X100B		30	300x100
VMGSF400X100B		40	400x100



VMADKM	Magnet Kit for Rectangular Adapter for VMGSF CLASSIC white for ceiling installation
--------	---



## PERFORATED SCREEN ROUND /SQUARE FLAT DIFFUSERS FOR Ø125

VMGSF16B125	Flat ROUND 162 mm diffuser with RAL 9010 powder-coated perforated screen complete with springs for installation on Ø125 adapter/pipe, (adapter/pipe excluded)
VMGSF16X16B125	Flat SQUARE 162x162 mm diffuser with RAL 9010 powder-coated perforated screen complete with springs for installation on Ø125 adapter/pipe, (adapter/pipe excluded)

# Flat line diffusers

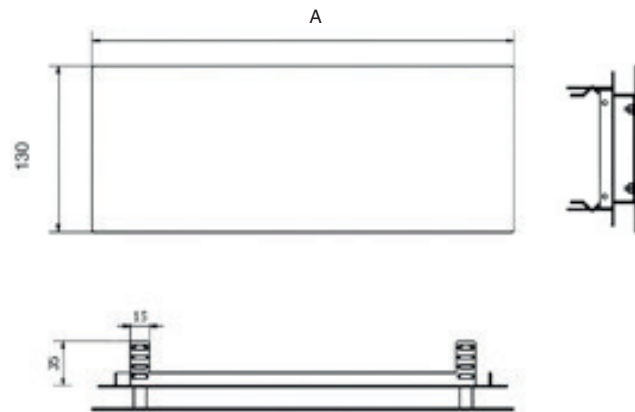
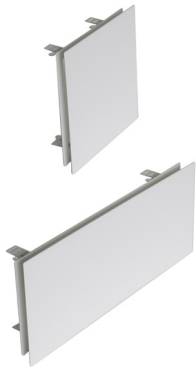
## FLAT NORMAL DIFFUSERS RAL9010

- Diffuser for the intake and extraction of air in indoor environments.
- It consists of a flat screen made of aluminium set at a protruding distance from the wall, so that the air can travel through the four sides, and an aluminium frame.
- The distance between the screen and the wall, and therefore

the flow rate, can be adjusted to three positions.

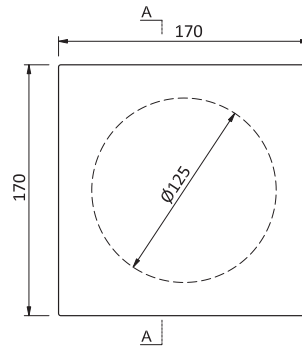
- Fixing of the screen to the frame by means of built-in springs.
- The screen can be removed and replaced very easily for cleaning.
- RAL 9010 white aluminium

DETAIL



Code	Description	Flow rate at 1 m/s [m <sup>3</sup> /h]	Hole size [mm]	A [mm]
VMDP140X140B1	Flat powder-coated aluminium screen diffuser RAL 9010	44	140x140	170
VMDP200X100B1		48	200x100	230
VMDP300X100B1		64	300x100	330
VMDP400X100B1		81	400x100	430

# Flat diffusers $\varnothing 125$ and $\varnothing 150$



Code	Description	material and finish	for pipe	Nominal dim [mm]
VMDP17X17B1251		aluminium RAL 9010	$\varnothing 125$	170x170
VMDP20X20B150	Flat screen diffuser with frame (pipe excluded)	aluminium RAL 9010	$\varnothing 150$	200x200
VMDP17X17I125		STAINLESS STEEL	$\varnothing 125$	170x170

## Flat glass diffusers $\varnothing 125$

### FLAT GLASS DIFFUSERS FOR ADAPTER $\varnothing 125$

- Square diffuser with frame for  $\varnothing 125$ mm pipe/adapter for the intake and extraction of air in indoor environments.
- It consists of a flat screen made of glass with a painted back installed at a distance from the wall or ceiling, allowing the air to flow at the four sides.
- Tabs on the frame allow the screen to wall distance to be adjusted to regulate the air flow (also available is a fully closed position).
- The diffuser screen can be removed and replaced very easily, making maintenance and cleaning extremely simple.
- Available in black and white
- With anti-condensation PVC panel on the back, which also serves to fix the springs to the screen.

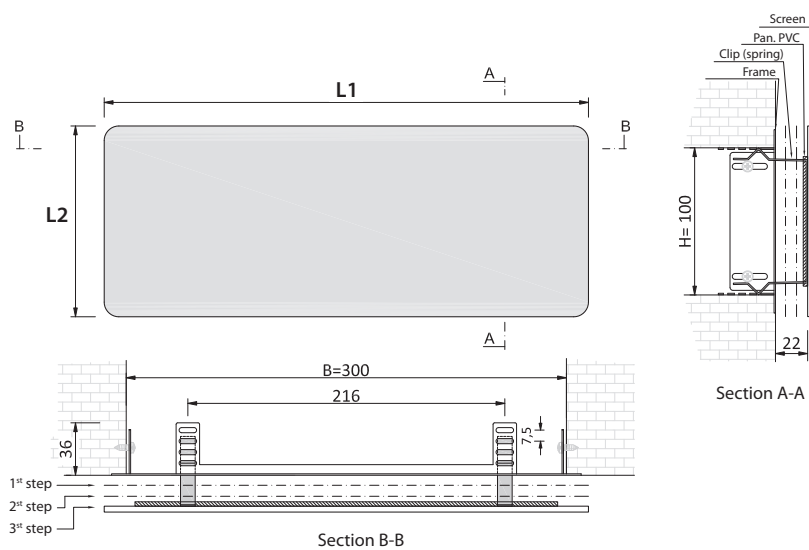


Code	Size [mm]	Hole size [mm]	Colour
VMDP17X17I25VB	170x170	125	White
VMDP17X17I25VN	170x170	125	Black

# flat glass rectangular diffusers

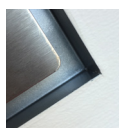
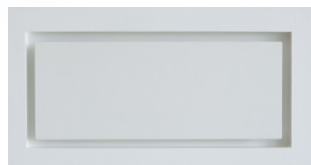
## FLAT GLASS DIFFUSERS FOR RECTANGULAR ADAPTER

- Diffuser for the intake and extraction of air in indoor environments.
- It consists of a flat screen made of back-painted glass set at a protruding distance from the wall so that the air can travel through the four sides, and an aluminium frame.
- The distance between the screen and the wall, and therefore the flow rate, can be adjusted to three positions.
- With anti-condensation PVC panel on the back, which also serves to fix the springs to the screen.
- The screen can be removed and replaced very easily for cleaning.
- Available in black and white.



Code	Size L1 [mm]	Size L2 [mm]	Hole size [mm]	Colour
VMDP200100VB	230	130	200x100	White
VMDP300100VB	330	130	300x100	White
VMDP400100VB	430	130	400x100	White
VMDP200100VN	230	130	200x100	Black
VMDP300100VN	330	130	300x100	Black
VMDP400100VN	430	130	400x100	Black

# Flat flush mounted and customised diffusers

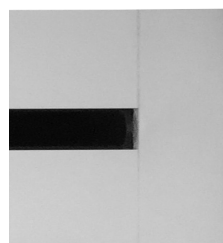


Code	Description	Flow rate at 1 m/s [m³/h]	Hole size [mm]
VMDPFM140X140B1		29	140x140
VMDPFM200X100B1	Flat diffuser with flat screen, complete with frame, for installation flush with the wall surface, painted <b>RAL 9010</b>	31	200x100
VMDPFM300X100B1		42	300x100
VMDPFM400X100B1		53	400x100

Code	Description	Flow rate at 1 m/s [m³/h]	Hole size [mm]
VMDPFM140X140I1		29	140x140
VMDPFM200X100I1	Flat diffuser with flat screen, complete with frame, for installation flush with the wall surface, satin <b>STAINLESS STEEL FINISH</b>	31	200x100
VMDPFM300X100I1		42	300x100
VMDPFM400X100I1		53	400x100

Code	Description	Flow rate at 1 m/s [m³/h]	Hole size [mm]
VMDPPFM14X14I1	Flat customisable diffuser with flat screen, complete with frame, for installation flush with the wall surface, stainless steel	29	140x140
VMDPPFM20X10I1		31	200x100
VMDPPFM30X10I1	Note: THE DIFFUSER IS ONLY SUITABLE FOR WALL INSTALLATION	42	300x100
VMDPPFM40X10I1		53	400x100

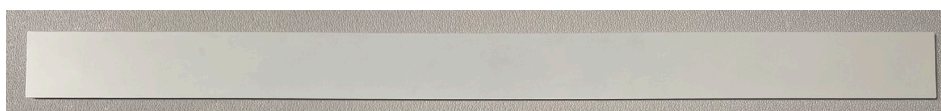
## l = 500 and 1000 mm diffusers for hrv



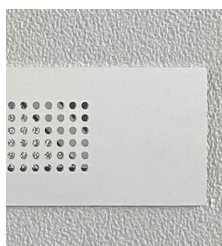
Code	Description	Nominal hole size [mm]
VMDL1500X55BSU		500x55
VMDL1100X55BSU	PVC linear diffuser with 1 slot without nozzles RAL 9010	1000x55



Code	Description	Nominal hole size [mm]
VMDP500X55B		500x55
VMDP1000X55B	Flat screen diffuser RAL 9010	1000x55







Code	Description	Nominal hole size [mm]
<b>VMGSF500X55B</b>	Perforated screen diffuser RAL 9010	500x55
<b>VMGSF1000X55B</b>		1000x55

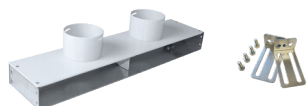


Code	Description		Nominal hole size [mm]
<b>VMDPFM500X57KT</b>	Adapter + flat flush mounted diff. kit RAL 9010	2 x Ø 75	500x55
<b>VMDPFM500X59KT</b>		2 x Ø 90	500x55
<b>VMDPFM1000X57KT</b>		4 x Ø 75	1000x55
<b>VMDPFM1000X59KT</b>		4 x Ø 90	1000x55



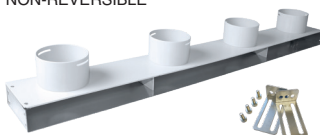
**GALVANISED METAL SHEET ADAPTERS FOR LINEAR, FLAT AND PERFORATED DIFFUSERS 500-1000 MM**

NON-REVERSIBLE



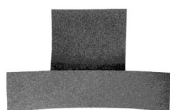
<b>VMAD5075PS</b>	Galvanised sheet metal-PVC adapter, nominal size 500x55x100, for 1-slot / flat / perforated linear diffuser (with kit of brackets for wall/ceiling installation)	With no. 2 pipe collars Ø75
<b>VMAD5090PS</b>		With no. 2 pipe collars Ø90

NON-REVERSIBLE



<b>VMAD10075PS</b>	Galvanised sheet metal-PVC adapter, nominal size 1000x55x100, for 1-slot / flat / perforated linear diffuser (with kit of brackets for wall/ceiling installation)	With no. 4 pipe collars Ø75
<b>VMAD10090PS</b>		With no. 4 pipe collars Ø90

**ACCESSORIES FOR GALVANISED SHEET METAL-PVC ADAPTERS 500-1000 MM**



<b>VMKISOP500X55</b>	Insulation kit for adapter	500x55x100
<b>VMKISOP1000X55</b>		1000x55x100



<b>VMPP500X55</b>	Prolunga con profondità P=30 mm per adattatore	500x55x100
<b>VMPP100X55</b>		1000x55x100

# hrv pvc grilles and vents



Code	Description	Sizes [mm]
<b>VMG01140X140B</b>	Classic model PVC grille RAL 9010 Flow rate at 1 m/s: 18 m <sup>3</sup> /h (Standard fixing with no. 4 plastic clips - not included, to be ordered separately - Optional fixing with no. 2 magnets)	140x140



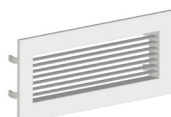
<b>VMB01140X140B</b>	PVC vent with double row of fins RAL 9010 Flow rate at 1 m/s: 40 m <sup>3</sup> /h (Standard fixing with no. 4 plastic clips - not included, to be ordered separately - Optional fixing with no. 2 magnets)	140x140
----------------------	---	---------



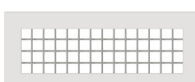
<b>VMGF01140X140B</b>	Slotted PVC grille RAL 9010 Flow rate at 1 m/s: 45 m <sup>3</sup> /h (Standard fixing with no. 4 plastic clips - not included, to be ordered separately - Optional fixing with no. 2 magnets)	140x140
-----------------------	---	---------



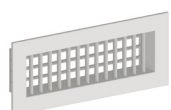
Code	Description	Flow rate at 1 m/s [m <sup>3</sup> /h]	Sizes [mm]
<b>VMGF01200X100B</b>	Slotted PVC grille RAL 9010	30	200x100
<b>VMGF01300X100B</b>	(Standard fixing with no. 4 plastic clips - not included, to be ordered separately	60	300x100
<b>VMGF01400X100B</b>	- Optional fixing with no. 2 magnets)	90	400x100



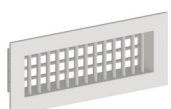
Code	Description	Sizes [mm]
<b>VMGF01200X100BM</b>		200x100
<b>VMGF01300X100BM</b>	Slotted PVC grille with magnet kit RAL 9010	300x100
<b>VMGF01400X100BM</b>		400x100



Code	Description	Flow rate at 1 m/s [m <sup>3</sup> /h]	Sizes [mm]
<b>-B/01200X100B</b>		40	200x100
<b>-B/01300X100B</b>	PVC vent with double row of fins	61	300x100
<b>-B/01400X100B</b>	RAL 9010 (Standard fixing with no. 4 plastic clips - not included, to be ordered separately -	83	400x100
<b>-B/01300X150B</b>	Optional fixing with no. 2 magnets)	97	300x150
<b>-B/01400X150B</b>		130	400x150
<b>-B/01500X150B</b>		166	500x150



Code	Description	Flow rate at 1 m/s [m <sup>3</sup> /h]	Sizes [mm]
<b>-B/01200X100BM</b>		40	200x100
<b>-B/01300X100BM</b>		61	300x100
<b>-B/01400X100BM</b>	PVC vent with magnet kit RAL 9010	83	400x100
<b>-B/01300X150BM</b>		97	300x150
<b>-B/01400X150BM</b>		130	400x150
<b>-B/01500X150BM</b>		166	500x150



# stainless steel floor grilles

## WALKABLE FLOOR GRILLES FOR RECTANGULAR ADAPTERS



Code	Description	Flow rate at 1 m/s [m³/h]	Actual dimensions [mm]
VMGPT200X100IS	INOX SMART walkable grille for floor installation.	71	217x112
VMGPT300X100IS	Including stainless steel counterframe for the use of the adapter and as a support for the grille	103	317x112
VMGPT400X100IS		136	417x112



Code	Description	Flow rate at 1 m/s [m³/h]	Actual dimensions [mm]
VMGPT200X100I	INOX LUX walkable grille for floor installation.	71	217x112
VMGPT300X100I	Including stainless steel counterframe for the use of the adapter and as a support for the grille	103	317x112
VMGPT400X100I		136	417x112

## WALKABLE FLOOR GRILLE KIT L=500-1000 MM



Code	Description	Actual dimensions [mm]	collars
VMGPS500X55275I	Complete walkable floor grille set, INOX LUX.	515x55x100	2 x Ø 75
VMGPS100X55475I	Including stainless steel counterframe and galvanised sheet metal adapter with connections for round pipe	1030x55x100	4 x Ø 75
VMGPS500X55290I		515x55x100	2 x Ø 90
VMGPS100X55490I		1030x55x100	4 x Ø 90



## GALVANISED SHEET METAL-PVC ADAPTER EXTENSIONS

Code	Description	Sizes [mm]
VMPP140X140		140x140
VMPP200X100		200x100
VMPP300X100		300x100
VMPP400X100	D=30 mm deep adapter extension	400x100
VMPP500X55		500x55 (nominal)
VMPP100X55		1000x55 (nominal)

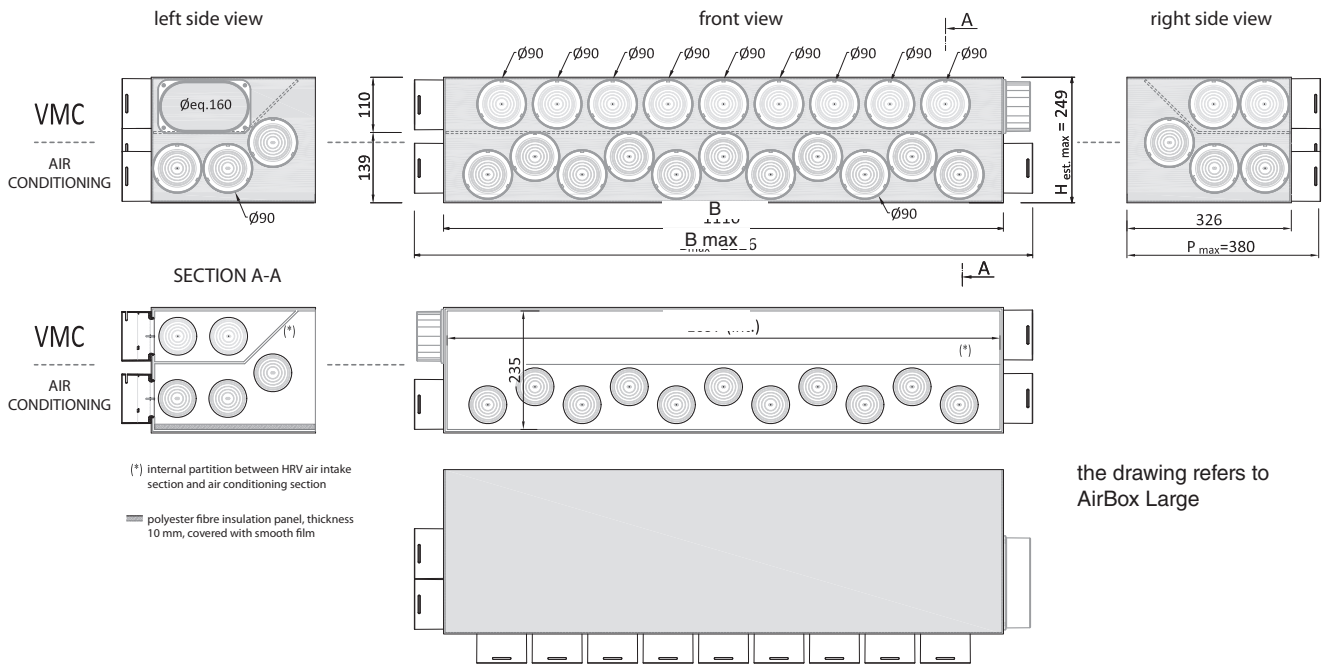
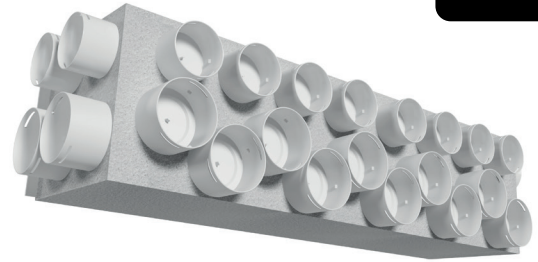


# airbox sr series delivery plenum

AirBox SR is a system for the distribution (intake) of air from a heat recovery unit and an indoor air conditioning unit.

AirBox SR allows the use of antibacterial and antistatic Ø75 and Ø90mm distribution pipelines, both for air conditioning and heat recovery ventilation, decreasing installation space requirements and the crossing of pipelines, whilst also improving the performance levels of the installed machines

The AirBox SR supply plenum replaces the supply box of the heat recovery ventilation unit and the channelling plenum of the indoor air-conditioning unit. Thanks to the internal flow separation septum, the two air flows never come into contact, either in the plenum or in the pipelines.



Code	Series	Air conditioning distribution collars		HRV distribution collars		Semi-oval collar HRV coupling size [mm]	Max ext. height H [mm]	Length B [mm]	Depth* D max [mm]
		no.	Ø [mm]	no.	Ø [mm]				
ABS-9075	Small	13	Ø90	8	Ø75	Øeq. 160	249	760	326
ABS-9090	Small	13	Ø90	8	Ø90	Øeq. 160	249	760	326
ABM-9075	Medium	15	Ø90	10	Ø75	Øeq. 160	249	922	326
ABM-9090	Medium	15	Ø90	10	Ø90	Øeq. 160	249	922	326
ABL-9075	Large	17	Ø90	11	Ø75	Øeq. 160	249	1110	326
ABL-9090	Large	17	Ø90	11	Ø90	Øeq. 160	249	1110	326

(\*) excluding the space required for the collars and the 10 mm thick PE foam external insulation

**Note:** AirBox SR devices are supplied for fan coils or indoor units of all makes on the market. Each Airbox SR must be associated with a specific flange for the chosen fan coil or unit model. Contact the company for information on the flange required.

# FITT AGIX LINE-S monobloc plenum/linear diffuser

1-slot "monobloc" linear diffuser, with the plenum forming a single unit with the diffuser itself. Made entirely of anti-condensation PVC. MODULAR CONSTRUCTION: several plenums can be easily joined to form plenum/diffuser blocks of multiple lengths. It is ideal for ceiling/false ceiling installation. The built-in collars can be of two types:

- Grey threaded, which can be easily removed by unscrewing them with the help of a suitable bar. Additional Grey Ø75 or Ø90 collars can be added in place of the threaded plugs, or the positions of the threaded plugs can be swapped with those of existing Grey collars. This solution is particularly suitable for HRV systems.

- Ø125 oval and made of PP, installed at the rear. Their positions can be swapped on site with the plates on the long side (reversibility). This solution is particularly suitable for air-conditioning systems.

It has external insulation made of closed-cell polyethylene foam, thickness 3 mm.

Colour of the PVC diffuser body/plenum: grey RAL 7035, suitable for painting;

Colour of external insulation: grey RAL 7035,

Colour of the threaded plugs: fuchsia.

Operating temperature: -30°C ...+ 60°C

How to fix the modular plenums to each other and to the plasterboard: using the galvanised sheet metal pre-drilled L-brackets, which are supplied complete with screws for fixing to the pre-drilled holes on the PVC and the corresponding nuts. With several joined plenums for multiple lengths, the L-brackets must be positioned at the plenum joints. How to fix the plenums to the ceiling: using the galvanised L-brackets included.

For sealing the edges of the opening of the diffuser with the plasterboard using grouting, on the edges of the opening of the plenum is a thin plastic net protruding towards the outside by 1 or 2 cm.



NEW

PATENT  
PENDING

## FITT AGIX LINE-S WITH GREY COLLARS AND THREADED PLUGS

Code	Opening internal size [mm]	Actual length [mm]	Collars (axial)	Total threaded plugs (of which no. 1 on one of the two "sides")
VMDLINE5X75	494x23	500	2 x Ø75	3
VMDLINE5X90	494x23	500	2 x Ø90	3
VMDLINE1X75	994x23	1000	4 x Ø75	5
VMDLINE1X90	994x23	1000	4 x Ø90	5

## FITT AGIX LINE-S WITH Ø125 REAR OVAL COLLARS (AXIAL) AND PLATES-PLUGS ON THE LONG SIDE FOR REVERSIBILITY

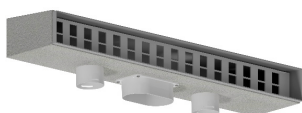
Code	Opening internal size [mm]	Actual length [mm]	Collars (axial)	PVC plates fixed with screws on the long sides
VMDLINE235X1125	494x23	500	1 x Ø125	1
VMDLINE365X1125	494x36	500	1 x Ø125	1
VMDLINE231X2125	994x23	1000	2 x Ø125	2
VMDLINE361X2125	994x36	1000	2 x Ø125	2

## ACCESSORIES (THIN PP FINS THAT CAN BE ADDED BETWEEN THE OPENING PARTITIONS TO DIRECT THE AIR FLOW)

Code	Description
VMDLINEK23	kit consisting of no. 1 fin L=239mm, with corresponding screws, for VMDLINE with opening H =23 mm: VMDLINE--75, VMDLINE--90 and VMDLINE23--
VMDLINEK36	kit consisting of no. 2 fins L=239mm, with corresponding screws, for VMDLINE with opening H =36 mm: VMDLINE36--

# climæ-hrv line pvc plenum for diffusers

**NEW**



## PLENUM FOR 2-SLOT LINEAR DIFFUSERS

Code	Description	Collar position	Collars
VMP6X2C12275L	Anti-condensation PVC plenum for linear diffuser 600x(2 slots)xDepth 200 mm	side	
VMP6X2C12275P		rear	
VMP8X2C12275L	Anti-condensation PVC plenum for linear diffuser 800x(2 slots)xDepth 200 mm	side	1 x Ø125 AIR CONDITIONING
VMP8X2C12275P		rear	+ 2 x Ø75 HRV
VMP10X2C12275L	Anti-condensation PVC plenum for linear diffuser 1000x(2 slots)xDepth 200 mm	side	
VMP10X2C12275P		rear	
VMP6X2C12290L	Anti-condensation PVC plenum for linear diffuser 600x(2 slots)xDepth 200 mm	side	
VMP6X2C12290P		rear	
VMP8X2C12290L	Anti-condensation PVC plenum for linear diffuser 800x(2 slots)xDepth 200 mm	side	1 x Ø125 AIR CONDITIONING
VMP8X2C12290P		rear	+ 2 x Ø90 HRV
VMP10X2C12290L	Anti-condensation PVC plenum for linear diffuser 1000x(2 slots)xDepth 200 mm	side	
VMP10X2C12290P		rear	

## PLENUM FOR 3-SLOT LINEAR DIFFUSERS

Code	Description	Collar position	Collars
VMP6X3C16275L	Anti-condensation PVC plenum for linear diffuser 600x(3 slots)xDepth200 mm	side	
VMP6X3C16275P		rear	
VMP8X3C16275L	Anti-condensation PVC plenum for linear diffuser 800x(3 slots)xDepth200 mm	side	1 x Ø160 AIR CONDITIONING
VMP8X3C16275P		rear	+ 2 x Ø75 HRV
VMP10X3C16275L	Anti-condensation PVC plenum for linear diffuser 1000x(3 slots)xDepth200 mm	side	
VMP10X3C16275P		rear	
VMP6X3C16290L	Anti-condensation PVC plenum for linear diffuser 600x(3 slots)xDepth200 mm	side	
VMP6X3C16290P		rear	
VMP8X3C16290L	Anti-condensation PVC plenum for linear diffuser 800x(3 slots)xDepth200 mm	side	1 x Ø160 AIR CONDITIONING
VMP8X3C16290P		rear	+ 2 x Ø90 HRV
VMP10X3C16290L	Anti-condensation PVC plenum for linear diffuser 1000x(3 slots)xDepth200 mm	side	
VMP10X3C16290P		rear	



# hrv plenums, diffusers and vents

## HRV PVC INDOOR LINEAR DIFFUSERS

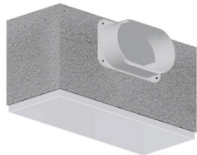
(see also p. 102)



Code	Description	Nominal length [mm] no. of slots
-DL/2A600B		600x2 slots
-DL/2A800B		800x2 slots
-DL/2A1000B	Anti-condensation PVC linear diffuser with <b>WHITE</b> nozzles	1000x2 slots
-DL/3A600B		600x3 slots
-DL/3A800B		800x3 slots
-DL/3A1000B		1000x3 slots
-DL/2A600		600x2 slots
-DL/2A800		800x2 slots
-DL/2A1000	Anti-condensation PVC linear diffuser with <b>BLACK</b> nozzles	1000x2 slots
-DL/3A600		600x3 slots
-DL/3A800		800x3 slots
-DL/3A1000		1000x3 slots

## HRV PVC PLENUM

(See also p. 84)



Code	Description	Vent/grille nominal size [mm]
ADF-40X10X16L12	Anti-condensation PVC + sheet metal plenum for grille/vent with Øeq. 125 mm - <b>D=160 mm</b> collar - SIDE COLLAR	400x100
ADF-30X15X16L12	Anti-condensation PVC plenum with Ø125 - SIDE reversible	300x150
ADF-40X15X16L12		400x150
ADF-50X15X16L16	Anti-condensation PVC plenum for grille/vent with Øeq. 160 mm - <b>D=160 mm</b> collar - SIDE COLLAR (reversible)	500x150

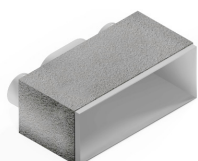
## HRV POLYCARBONATE PLENUM

(See also p. 83)



Code	Description	Collar Ø [mm]	Vent/grille nominal size [mm]
-EP/01400X100		160/200	400x100
-EP/01300X150	Polycarbonate plenum for grille/vent with selectable collar with adjustable damper - <b>D=200 mm</b> - REAR COLLAR	160/200	300x150
-EP/01400X150		160/200/250	400x150
-EP/01500X150		160/200/250	500x150

## HRV - AIR CONDITIONING PVC PLENUM



Code	Description	Ø air conditioning collar [mm]	Vent/grille nominal size [mm]
VMPE40X1027516		160	400x100
VMPE40X1027512	Anti-condensation PVC plenum (non-reversible) no. 2 Ø75 collars for the HRV side and no. 1 collar for the air conditioning side	125	400x100
VMPE30X1527512		125	300x150
VMPE40X1527512		125	400x150
VMPE50X1527516		160	500x150

**B/01 SERIES PVC VENTS FOR AIR CONDITIONING AND HRV PLENUMS AND ADAPTERS**

(See also p. 87)



Code	Description	Flow rate 2.5 m/s [m³/h]	Nominal dim [mm]
-B/01200X100B		99	200x100
-B/01300X100B		153	300x100
-B/01400X100B	Anti-condensation PVC vent with double row of adjustable fins RAL 9010	207	400x100
-B/01300X150B		243	300x150
-B/01400X150B		324	400x150
-B/01500X150B		414	500x150

**PVC RETURN GRILLE KIT WITH INSPECTIONABLE FILTER-FRAME**

(See also p. 85)



Code	Description	Grille nominal size [mm]	Collar Ø [mm]
ADF-GTF1230X20L		300x200	125
ADF-GTF1240X20L	Anti-condensation PVC plenum for GTF series return grille (D=200 mm)	400x200	125
ADF-GTF1640X20L		400x200	160
ADF-GTF1640X30L	(grill and filter excluded)	400x300	160
ADF-GTF1660X30L	Collar position: <b>Side</b>	600x300	160
ADF-GTF1660X40L		600x400	160



Code	Description	Flow rate 2 m/s [m³/h]	Nominal dim [mm]
-GTF/06300X200B		130	300x200
-GTF/06400X200B	Anti-condensation PVC return grille, inspectionable, with honeycomb filter and galvanised sheet metal filter frame RAL 9010	194	400x200
-GTF/06400X300B		302	400x300
-GTF/06600X300B		425	600x300
-GTF/06600X400B		648	600x400



Code	Description	Nominal dim [mm]
-F/02300X200	Stitched honeycomb filter 135 g/m²	300x200x6
-F/02400X200	Stitched honeycomb filter 135 g/m²	400x200x6
-F/02400X300	Stitched honeycomb filter 135 g/m²	400x300x6
-F/02600X300	Stitched honeycomb filter 135 g/m²	600x300x6
-F/02600X400	Stitched honeycomb filter 135 g/m²	600x400x6



# ventilation valves

## VENTILATION VALVES Ø100 AND Ø125



**VMVIE125FT** "Flat round" plastic adjustable valve Ø125

**VMVIE125FQ** "Flat square" polymer adjustable valve Ø125

**VMBOREA080** Round intake/extraction grille Ø80 TUBPLA series, antistatic plastic material

**VMBOREA125** Round intake/extraction grille Ø125 TUBPLA series, antistatic plastic material

**VMVF125** "FLOW SQUARE" POLYSTYRENE VALVE Ø125

**VMVB125** ROUND POLYSTYRENE VALVE RAL 9016 Ø125

**VMC-04-125** Steel ventilation valve with insulated disc, Ø125, RAL 9010

**VMVEI100** ABS air intake/extraction round valve Ø100

**V/01125** Polypropylene valve Ø125

## VENTILATION VALVE FILTERS

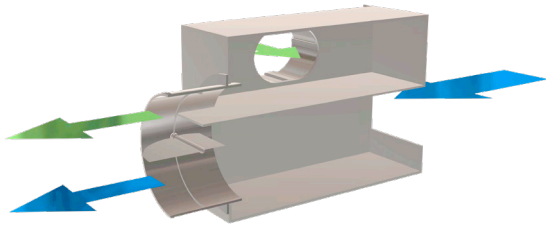
**VMAF125** Ring + filter kit for adapter with pipe/extension Ø125

**VMFV100110** G4 class Ø110 polyester filter for adapters - 10 pcs pack

**VMFV100125** G4 class Ø125 polyester filter for adapters - 10 pcs pack



# pvc-u plenum: airmix smart version

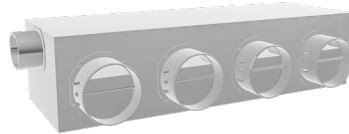
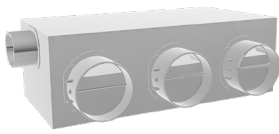


The AirMix SMART plenum is a special PVC-U plenum with a flow separator and a collar (of selectable diameter) for the air coming from the HRV system. Its gravity-driven damper system is the most economical and simplest possible solution when small hallway spaces do not allow for multiple air distribution pipelines. The AirMix SMART plenum is equipped with a side collar for the connection of air coming from the Heat Recovery Ventilation unit, with standard diameter Ø125/160mm.

**SMALL AirMix**  
Up to 3 Ø150/160mm front dampers

**MEDIUM AirMix**  
Up to 4 Ø150/160mm front dampers

**LARGE AirMix**  
Up to 5 Ø150/160mm front dampers



## PLENUM CODING EXAMPLE

<b>S/M/L</b>	-	<b>A</b>	<b>D1</b>	-	<b>3</b>	<b>0</b>	<b>0</b>	<b>V1 / V2</b>
S = SMALL M = MEDIUM L = LARGE	-	Plenum version  A = AirMix SMART	Ducted unit brand and model	-	no. of separation dampers Ø160	no. of separation dampers Ø200	no. of separation dampers Ø250	HRV collar Ø: V1 = Ø125 V2 = Ø150/160  (the separation dampers are operated by gravity)

## AIRMIX SMART - DAIKIN

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
<b>FBA35-50A</b> <b>FBQ35-50D</b> <b>FXSQ40-50A</b>	S-AD1-020V1	S-AD1-300V1	S-AD1-400V1*	ON REQUEST
	S-AD1-020V2	S-AD1-300V2	S-AD1-400V2*	ON REQUEST
<b>FBA60-71A</b> <b>FBQ60-71D</b> <b>FXSQ63-80A</b>	M-AD2-020V1	M-AD2-300V1	M-AD2-400V1	M-AD2-500V1*
	M-AD2-020V2	M-AD2-300V2	M-AD2-400V2	M-AD2-500V2*
<b>FDXM25-35F</b> <b>FDXM25-35F3</b> <b>FDXM25-35F9</b> <b>FDXS25-35F</b> <b>FXDQ15-32A</b> <b>FXDQ15-32A3</b>	S-AD3-020V1	S-AD3-300V1	S-AD3-400V1*	ON REQUEST
	S-AD3-020V2	S-AD3-300V2	S-AD3-400V2*	ON REQUEST
<b>FDXS50F</b> <b>FXDQ40-50A</b> <b>FXDQ40-50A3</b>	M-AD4-020V1	M-AD4-300V1	M-AD4-400V1	ON REQUEST
	M-AD4-020V2	M-AD4-300V2	M-AD4-400V2	ON REQUEST
<b>FDXM50-60F</b> <b>FDXM50-60F3</b> <b>FDXM50-60F9</b> <b>FDXS60F</b> <b>FDXS-50F9</b> <b>FXDQ63A</b> <b>FXDQ63A3</b>	ON REQUEST	L-AD5-030V1	L-AD5-400V1	L-AD5-500V1
	ON REQUEST	L-AD5-030V2	L-AD5-400V2	L-AD5-500V2
<b>FXSQ40-50P</b>	S-AD6-020V1	S-AD6-300V1	S-AD6-400V1*	M-AD6-500V1*
	S-AD6-020V2	S-AD6-300V2	S-AD6-400V2*	M-AD6-500V2*
<b>FXSQ63-80P</b>	ON REQUEST	M-AD7-030V1	M-AD7-400V1	M-AD7-500V1*
	ON REQUEST	M-AD7-030V2	M-AD7-400V2	M-AD2-500V2*

\*One of the zone dampers is on the short side.

**AIRMIX SMART - FUJITSU**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
AR*G12LLTB AR*G14LLTB AR*G12LSLAP AR*G14LSLAP	S-AF3-020V1	S-AF3-300V1	S-AF3-400V1*	M-AF3-500V1*
	S-AF3-020V2	S-AF3-300V2	S-AF3-400V2*	M-AF3-500V2*
AR*G18LLTB AR*G18LSLAP	M-AF4-020V1	M-AF4-300V1	M-AF4-400V1	M-AF4-500V1*
	M-AF4-020V2	M-AF4-300V2	M-AF4-400V2	M-AF4-500V2*
ARYG12LHTBP ARYG14LHTBP	S-AF6-020V1	S-AF6-300V1	S-AF6-400V1*	M-AF6-500V1*
	S-AF6-020V2	S-AF6-300V2	S-AF6-400V2*	M-AF6-500V2*
ARYG18LHTBP ARYG24LHTBP ARYG30LHTBP	ON REQUEST	M-AF7-030V1	M-AF7-400V1	M-AF7-500V1*
		M-AF7-030V2	M-AF7-400V2	M-AF7-500V2*

**AIRMIX SMART - HITACHI**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
RPI-0.4FSN5E	S-AI16-200V1	S-AI16-300V1	ON REQUEST	ON REQUEST
	S-AI16-200V2	S-AI16-300V2	ON REQUEST	ON REQUEST
RPI-0.6FSN5E RPI-0.8FSN5E RPI-1.0FSN5E RPI-1.5FSN5E	L-AI17-020V1	L-AI17-300V1	L-AI17-400V1	ON REQUEST
	L-AI17-020V2	L-AI17-300V2	L-AI17-400V2	ON REQUEST
RPI-2.0FSN5E RPI-2.5FSN5E RPI-3.0FSN5E	L-AI18-020V1	L-AI18-300V1	L-AI18-400V1	L-AI18-500V1
	L-AI18-020V2	L-AI18-300V2	L-AI18-400V2	L-AI18-500V2
RPIM-0.6FSN4E RPIM-0.8FSN4E RPIM-1.0FSN4E RPIM-1.5FSN4E	S-AI19-020V1	S-AI19-300V1	S-AI19-400V1*	ON REQUEST
	S-AI19-020V2	S-AI19-300V2	S-AI19-400V2*	ON REQUEST
RAD-50RPE RAD-60RPE RAD-50PPA RAD-60PPA RAD-50PPD RAD-60PPD	ON REQUEST	M-AI20-030V1	M-AI20-400V1	M-AI20-500V1*
	ON REQUEST	M-AI20-030V2	M-AI20-400V2	M-AI20-500V2*

AIRMIX SMART - MIDEA - under development, for info **PLEASE** contact the company

\*One of the zone dampers is on the short side.



**AIRMIX SMART - MITSUBISHI ELECTRIC**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
SEZ-KD25VAL SEZ-M25DAL	S-AE3-200V1	S-AE3-300V1	S-AE3-400V1*	ON REQUEST
	S-AE3-200V2	S-AE3-300V2	S-AE3-400V2*	ON REQUEST
SEZ-KD35VAL SEZ-M35DAL SEZ-KD50VAL SEZ-M50DAL	M-AE4-020V1	M-AE4-300V1	M-AE4-400V1	M-AE4-500V1*
	M-AE4-020V2	M-AE4-300V2	M-AE4-400V2	M-AE4-500V2*
SEZ-KD60VAL SEZ-M60DAL SEZ-KD71VAL SEZ-M71DAL	ON REQUEST	L-AE5-030V1	L-AE5-400V1	L-AE5-500V1
	ON REQUEST	L-AE5-030V2	L-AE5-400V2	L-AE5-500V2
PEFY-P 20/25/32 VMA-E	S-AE13-200V1	S-AE13-300V1	S-AE13-400V1*	ON REQUEST
	S-AE13-200V2	S-AE13-300V2	S-AE13-400V2*	ON REQUEST
PEFY-P 40/50 VMA-E PEAD-RP35JAQ	M-AE14-020V1	M-AE14-300V1	M-AE14-400V1	M-AE14-500V1*
	M-AE14-020V2	M-AE14-300V2	M-AE14-400V2	M-AE14-500V2*
PEFY-P 63/71/80 VMA-E PEAD-RP60JAQ PEAD-RP71JAQ	ON REQUEST	L-AE15-030V1	L-AE15-400V1	L-AE15-500V1
	ON REQUEST	L-AE15-030V2	L-AE15-400V2	L-AE15-500V2

\*One of the zone dampers is on the short side.

**AIRMIX SMART - MITSUBISHI HEAVY INDUSTRIES**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
FDUM50VF	S-AM13-020V1	S-AM13-300V1	S-AM13-400V1*	ON REQUEST
	S-AM13-020V2	S-AM13-300V2	S-AM13-400V2*	ON REQUEST
FDUM60VF FDUM71VF	M-AM14-020V1	M-AM14-300V1	M-AM14-400V1	M-AM14-500V1*
	M-AM14-020V2	M-AM14-300V2	M-AM14-400V2	M-AM14-500V2*
SRR 25AM-S SRR 35ZM-S	ON REQUEST	S-AM21-030V1*	M-AM21-040V1*	M-AM21-500V1*
	ON REQUEST	S-AM21-030V2*	M-AM21-040V2*	M-AM21-500V2*
SRR 50AM-S SRR 60ZM-S	ON REQUEST	M-AM22-030V1	M-AM22-400V1	M-AM22-500V1*
	ON REQUEST	M-AM22-030V2	M-AM22-400V2	M-AM22-500V2*

**AIRMIX SMART - HAIER**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
AD35S2SM3FA	S-AH26-020V1	S-AH26-300V1	S-AH26-400V1*	ON REQUEST
	S-AH26-020V2	S-AH26-300V2	S-AH26-400V2*	ON REQUEST
AD50S2SM1FA AD71S2SM1FA	ON REQUEST	M-AH27-030V1	M-AH27-400V1	M-AH27-500V1*
	ON REQUEST	M-AH27-030V2	M-AH27-400V2	M-AH27-500V2*
AD50S2SM3FA AD71S2SM3FA	ON REQUEST	L-AH28-030V1	L-AH28-400V1	L-AH28-500V1
	ON REQUEST	L-AH28-030V2	L-AH28-400V2	L-AH28-500V2

\*One of the zone dampers is on the short side.



# air systems and components

FITT Agix® offers complete solutions dedicated to **air distribution and air conditioning systems**: diffusion plenums, grilles, flexible pipelines (with or without insulation) and a complete range of accessories for the management of the air (also split into zones) inside the home.



# index

---

## pvc for ducted units

Easy and Regolo series delivery plenums



p. 72

---



---

## air distribution pipelines and accessories

Airsan anti-bacterial hose



p. 82

---



---

## air diffusion and accessories

Plenums for vents and grilles



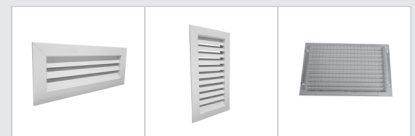
p. 83

Delivery vent



p. 87

Return grilles



p. 90

---



## air diffusion and accessories

Multi-directional diffusers and linear diffusers



p. 100

DE/DU series diffusers and circular diffusers



p. 110

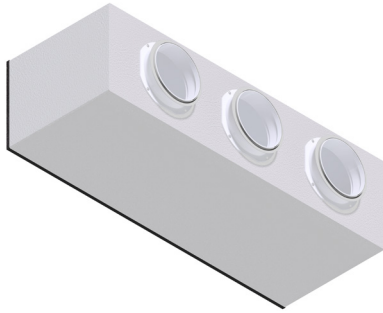
Valves



p. 111



# easy series pvc delivery plenums



The EASY series plenum is installed on the delivery of ducted units, providing simple and homogeneous air distribution within the home.

The plenum is supplied with collars (already installed) and external insulation; the diameters of the standard configurations are based on the indoor unit model, the flow rate and the head required for optimal distribution.

## PLENUM CODING EXAMPLE

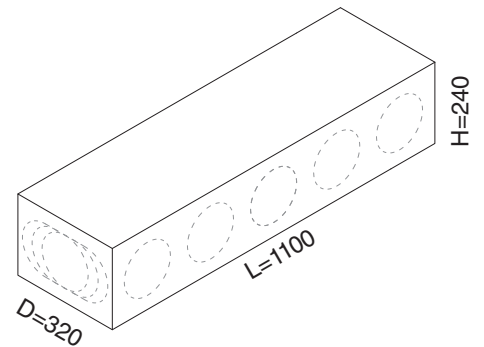
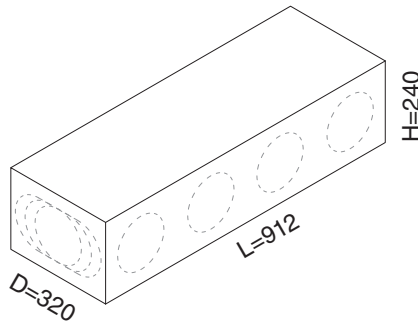
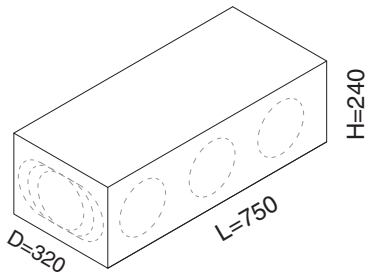
<b>S/M/L</b>	-	<b>E</b>	<b>D1</b>	-	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>
S = SMALL M = MEDIUM L = LARGE	-	Plenum version:  E = EASY	Ducted unit brand and model	-	no. Ø125 of collars	no. Ø160 of collars	no. Ø200 of collars	no. Ø250 of collars

Easy series plenum sizes:

SMALL: 750 x h 240 x p 320 mm

MEDIUM: 912 x h 240 x p 320 mm

LARGE: 1100 x h 240 x p 320 mm



## EASY PLENUM - FUJITSU

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
AR*G12LLTB AR*G14LLTB AR*G12LSLAP AR*G14LSLAP	S-EF3-0020 (SMALL 2 × Ø200)	S-EF3-0300 (SMALL 3 × Ø160)	S-EF3-0400* (SMALL 4 × Ø160)	S-EF3-5000* (SMALL 5 × Ø125)
AR*G18LLTB AR*G18LSLAP	M-EF4-0020 (MEDIUM 2 × Ø200)	M-EF4-0300 (MEDIUM 3 × Ø160)	M-EF4-0400 (MEDIUM 4 × Ø160)	M-EF4-5000 (MEDIUM 5 × Ø125)
ARYG12LHTBP ARYG14LHTBP	S-EF6-0020 (SMALL 2 × Ø200)	S-EF6-0300 (SMALL 3 × Ø160)	S-EF6-0400* (SMALL 4 × Ø160)	S-EF6-5000* (SMALL 5 × Ø125)
ARYG18LHTBP ARYG24LHTBP ARYG30LHTBP	ON REQUEST	M-EF7-0030 (MEDIUM 3 × Ø200)	M-EF7-0400 (MEDIUM 4 × Ø160)	M-EF7-0500* (MEDIUM 5 × Ø160)

\*One of the zone collars is on the short side.

## PLENUM EASY - HITACHI

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
RPI-0.4FSN5E	S-EI16-0200 (SMALL 2 × Ø160)	S-EI16-3000 (SMALL 3 × Ø125)	S-EI16-4000 (SMALL 4 × Ø125)	ON REQUEST
RPI-0.6FSN5E RPI-0.8FSN5E RPI-1.0FSN5E RPI-1.5FSN5E	L-EI17-0020 (LARGE 2 × Ø200)	L-EI17-0300 (LARGE 3 × Ø160)	L-EI17-0400 (LARGE 4 × Ø160)	L-EI17-0500 (LARGE 5 × Ø160)
RPI-2.0FSN5E RPI-2.5FSN5E RPI-3.0FSN5E	L-EI18-0020 (LARGE 2 × Ø200)	L-EI18-0300 (LARGE 3 × Ø160)	L-EI18-0400 (LARGE 4 × Ø160)	L-EI18-0500 (LARGE 5 × Ø160)
RPIM-0.6FSN4E RPIM-0.8FSN4E RPIM-1.0FSN4E RPIM-1.5FSN4E	S-EI19-0020 (SMALL 2 × Ø200)	S-EI19-0300 (SMALL 3 × Ø160)	S-EI19-4000* (SMALL 4 × Ø160)	ON REQUEST
RAD-50RPE RAD-60RPE RAD-50PPA RAD-60PPA RAD-50PPD RAD-60PPD	ON REQUEST	M-EI20-0030 (MEDIUM 3 × Ø200)	M-EI20-0400 (MEDIUM 4 × Ø160)	M-EI20-0500* (MEDIUM 5 × Ø160)

## PLENUM EASY - DAIKIN

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
FBA35-50A FBQ35-50D FXSQ40-50A	S-ED1-0020 (SMALL 2 × Ø200)	S-ED1-0300 (SMALL 3 × Ø160)	S-ED1-0400* (SMALL 4 × Ø160)	S-ED1-5000* (SMALL 5 × Ø125)
FBA60-71A FBQ60-71D FXSQ63-80A	M-ED2-0020 (MEDIUM 2 × Ø200)	M-ED2-0300 (MEDIUM 3 × Ø160)	M-ED2-0400 (MEDIUM 4 × Ø160)	M-ED2-0500* (MEDIUM 5 × Ø160)
FDXM25-35F FDXM25-35F3 FDXM25-35F9 FDXS25-35F FXDQ15-32A FXDQ15-32A3	S-ED3-0020 (SMALL 2 × Ø200)	S-ED3-0300 (SMALL 3 × Ø160)	S-ED3-0400* (SMALL 4 × Ø160)	ON REQUEST
FDXS50F FXDQ40-50A FXDQ40-50A3	M-ED4-0020 (MEDIUM 2 × Ø200)	M-ED4-0300 (MEDIUM 3 × Ø160)	M-ED4-0400 (MEDIUM 4 × Ø160)	M-ED4-0500* (MEDIUM 5 × Ø160)
FDXM50-60F FDXM50-60F3 FDXM50-60F9 FDXS60F FDXS-50F9 FXDQ63A FXDQ63A3	L-ED5-0002 (LARGE 2 × Ø250)	L-ED5-0030 (LARGE 3 × Ø200)	L-ED5-0400 (LARGE 4 × Ø160)	L-ED5-0500 (LARGE 5 × Ø160)
FXSQ40-50P	S-ED6-0020 (SMALL 2 × Ø200)	S-ED6-0300 (SMALL 3 × Ø160)	S-ED6-0400* (SMALL 4 × Ø160)	S-ED6-5000* (SMALL 5 × Ø125)
FXSQ63-80P	M-ED7-0002 (MEDIUM 2 × Ø250)	M-ED7-0030 (MEDIUM 3 × Ø200)	M-ED7-0400 (MEDIUM 4 × Ø160)	M-ED7-0500* (MEDIUM 5 × Ø160)

\*One of the zone collars is on the short side.



**PLENUM EASY - MITSUBISHI ELECTRIC**

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
SEZ-KD25VAL SEZ-M25DAL	S-EE3-0200 (SMALL 2 × Ø160)	S-EE3-0300 (SMALL 3 × Ø160)	S-EE3-4000 (SMALL 4 × Ø125)	ON REQUEST
SEZ-KD35VAL SEZ-M35DAL SEZ-KD50VAL SEZ-M50DAL	M-EE4-0020 (MEDIUM 2 × Ø200)	M-EE4-0300 (MEDIUM 3 × Ø160)	M-EE4-0400 (MEDIUM 4 × Ø160)	ON REQUEST
SEZ-KD60VAL SEZ-M60DAL SEZ-KD71VAL SEZ-M71DAL	ON REQUEST	L-EE5-0300 (LARGE 3 × Ø160)	L-EE5-0400 (LARGE 4 × Ø160)	L-EE5-0500 (LARGE 5 × Ø160)
PEFY-P 20/25/32 VMA-E	S-EE13-0200 (SMALL 2 × Ø160)	S-EE13-0300 (SMALL 3 × Ø160)	S-EE13-4000 (SMALL 4 × Ø125)	ON REQUEST
PEFY-P 40/50 VMA-E PEAD-RP35JAQ	M-EE14-0020 (MEDIUM 2 × Ø200)	M-EE14-0300 (MEDIUM 3 × Ø160)	M-EE14-0400 (MEDIUM 4 × Ø160)	M-EE14-0500* (MEDIUM 5 × Ø160)
PEFY-P 63/71/80 VMA-E PEAD-RP60JAQ PEAD-RP71JAQ	ON REQUEST	L-EE15-0030 (LARGE 3 × Ø200)	L-EE15-0400 (LARGE 4 × Ø160)	L-EE15-0500 (LARGE 5 × Ø160)

EASY PLENUM - MIDEA - UNDER development, for info **PLEASE** contact the company

\*One of the zone collars is on the short side.

## PLENUM EASY - MITSUBISHI HEAVY INDUSTRIES

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
<b>FDUM50VF</b>	S-EM13-0200 (SMALL 2 × Ø160)	S-EM13-0300 (SMALL 3 × Ø160)	S-EM13-4000 (SMALL 4 × Ø125)	ON REQUEST
<b>FDUM60VF</b> <b>FDUM71VF</b>	M-EM14-0020 (MEDIUM 2 × Ø200)	M-EM14-0300 (MEDIUM 3 × Ø160)	M-EM14-0400 (MEDIUM 4 × Ø160)	M-EM14-0500* (MEDIUM 5 × Ø160)
<b>SRR 25AM-S</b> <b>SRR 35ZM-S</b>	ON REQUEST	S-EM21-0030* (SMALL 3 × Ø200)	M-EM21-0040* (MEDIUM 4 × Ø200)	M-EM21-0500* (MEDIUM 5 × Ø160)
<b>SRR 50AM-S</b> <b>SRR 60ZM-S</b>	ON REQUEST	M-EM22-0030 (MEDIUM 3 × Ø200)	M-EM22-0400 (MEDIUM 4 × Ø160)	M-EM22-0500* (MEDIUM 5 × Ø160)

## PLENUM EASY - HAIER

MACHINE MODEL	2 OUTLETS	3 OUTLETS	4 OUTLETS	5 OUTLETS
	code	code	code	code
<b>AD35S2SM3FA</b>	S-EH26-0020 (SMALL 2 × Ø200)	S-EH26-0300 (SMALL 3 × Ø160)	S-EH26-0400* (SMALL 4 × Ø160)	S-EH26-5000* (SMALL 5 × Ø125)
<b>AD50S2SM1FA</b> <b>AD71S2SM1FA</b>	ON REQUEST	M-EH27-0030 (MEDIUM 3 × Ø200)	M-EH27-0400 (MEDIUM 4 × Ø160)	M-EH27-0500* (MEDIUM 5 × Ø160)
<b>AD50S2SM3FA</b> <b>AD71S2SM3FA</b>	ON REQUEST	L-EH28-0030 (LARGE 3 × Ø200)	L-EH28-0400 (LARGE 4 × Ø160)	L-EH28-0500 (LARGE 5 × Ø160)

# regolo and regolo plus series pvc delivery plenums

The REGOLO and REGOLO PLUS temperature control systems allow cost-effective temperature control in several zones of the home starting from a single ducted indoor unit.

The splitting into zones and the independent management of the air conditioning of each zone avoids the need for several split indoor units. It also ensures a high level of environmental comfort, thanks to the quiet operation of the ducted air diffusion system.

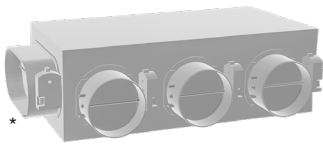
The installation of this system is very simple, as all wiring and configurations (wireless or wired) are completed directly at the factory.

The REGOLO and REGOLO PLUS systems consist of the following devices:

- PVC delivery plenum with sizes identical to the corresponding ones of the EASY series;
- Electronic control card (with Regolo 2.0 control unit for "REGOLO" plenums and Regolo PLUS 2.0 control unit for "REGOLO PLUS" plenums);
- Motorised dampers (available Ø160, Ø200 and Ø250mm);
- Wireless/wired chronothermostats (optional).

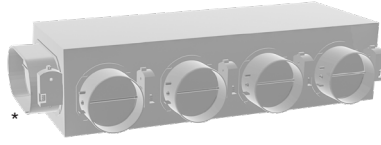
## SMALL REGOLO

Up to 3 Ø160mm front dampers +  
1 side damper



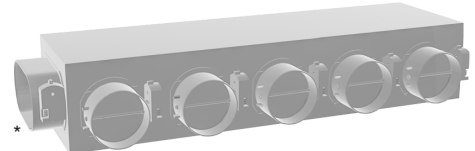
## MEDIUM REGOLO

Up to 4 Ø160mm front dampers +  
1 side damper



## LARGE REGOLO

Up to 5 Ø160mm front dampers +  
1 side damper



\*=BYPASS OUTLET

## SYSTEM WITH REGOLO CARD

### FUNCTIONS:

- Zone management for up to 6 climate zones with motor-driven proportional bypass;
- Possibility of managing up to 6 On/Off inputs for commercial and/or standard thermostats;
- Auxiliary input/output for:
  - a) Machine consent\*;
  - b) Window sensor;
  - c) Smoke sensor.
- Integrated 12V-220V transformer on the control card;
- Quick-connect terminal blocks;
- Wireless mode for operation with chronothermostats (rechargeable power supply batteries).

\*If the ducted indoor unit offers this function.

### DESCRIPTION

The REGOLO system allows the separate management of the zones created with the room thermostats: each time a damper receives a signal, it allows air to reach the zone of reference.

When the desired temperature (set on the thermostat) is reached, the damper will configure itself in such a way to prevent air to reach the zone of reference.

Operation can be programmed with a weekly program that can be set using the chronothermostats.

### BYPASS MODE MANAGEMENT

The function of the bypass is to manage, proportionally to the number of dampers, the excess air from the indoor unit.

The motorised bypass provides for: full opening (90°), partial opening at 67.5°, 45° and 22.5°, and full closing.

The opening level depends on both the number of active channels and the number of enabled channels.

When all channels are in demand, the bypass output is closed, while when no channel is in demand, the bypass output is fully open.

## SYSTEM WITH REGOLO PLUS CARD

### DESCRIPTION

The advanced REGOLO PLUS system allows greater control over the ducted delivery air flows of the various climate zones.

In addition to retaining all the features of the REGOLO system, with the REGOLO PLUS it is also possible to set and adjust the opening of each individual motorised damper, with significant increase in acoustic and climate comfort, as the regulation of the air flow takes place upstream of the system.

In fact, the display shows all the parameters required by the technician when customising and programming the system.

REGOLO PLUS system combined with EC brushless fan coils

The most important new feature of the REGOLO PLUS system is undoubtedly the possibility of flow rate modulation connection with brushless fan coils and EC fans.

Thanks to the possibility of direct interface with the indoor machine, the plus system can:

- Set the maximum and minimum operating flow rate;
- Switch the machine on and off;
- Modulate the fan speed according to the active climate zones (0-10V);
- Set the opening (in %) of each damper, ensuring perfect system regulation.

### DIAGRAM OF SYSTEM WITH 4 CLIMATE ZONES

Plenum with REGOLO system, cooling mode operation.

REGOLO PLUS 2.0 control unit





**PLENUM CODING EXAMPLE**

<b>S/M/L</b>	-	<b>R/RP</b>	<b>F3</b>	-	<b>3</b>	<b>0</b>	<b>0</b>
<b>S = SMALL</b> <b>M = MEDIUM</b> <b>L = LARGE</b>	-	R = REGOLO RP = REGOLO PLUS	Ducted unit brand and model	-	no. of dampers Ø160	no. of dampers Ø200	no. of dampers Ø250
damper = motorised delivery damper							

**KIT REGOLO/REGOLO PLUS - FUJITSU**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
<b>AR*G12LLTB</b> <b>AR*G14LLTB</b> <b>AR*G12LSLAP</b> <b>AR*G14LSLAP</b>	REGOLO PLUS	S-RF3-020 S-RPF3-020	REGOLO PLUS	S-RF3-300 S-RPF3-300	REGOLO PLUS	S-RF3-400* S-RPF3-400*	REGOLO PLUS	ON REQUEST ON REQUEST
<b>AR*G18LLTB</b> <b>AR*G18LSLAP</b>	REGOLO PLUS	M-RF4-020 M-RPF4-020	REGOLO PLUS	M-RF4-300 M-RPF4-300	REGOLO PLUS	M-RF4-400 M-RPF4-400	REGOLO PLUS	M-RF4-500* M-RPF4-500*
<b>ARYG12LHTBP</b> <b>ARYG14LHTBP</b>	REGOLO PLUS	S-RF6-020 S-RPF6-020	REGOLO PLUS	S-RF6-300 S-RPF6-300	REGOLO PLUS	S-RF6-400* S-RPF6-400*	REGOLO PLUS	M-RF6-500* M-RPF6-500*
<b>ARYG18LHTBP</b> <b>ARYG24LHTBP</b> <b>ARYG30LHTBP</b>	REGOLO PLUS	ON REQUEST ON REQUEST	REGOLO PLUS	M-RF7-030 M-RPF7-030	REGOLO PLUS	M-RF7-400 M-RPF7-400	REGOLO PLUS	M-RF7-500* M-RPF7-500*

**KIT REGOLO/REGOLO PLUS - HITACHI**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
<b>RPI-0.4FSN5E</b>	REGOLO PLUS	S-RI16-200 S-RPI16-200	REGOLO PLUS	S-RI16-300 S-RPI16-300	REGOLO PLUS	ON REQUEST ON REQUEST	REGOLO PLUS	ON REQUEST ON REQUEST
<b>RPI-0.6FSN5E</b> <b>RPI-0.8FSN5E</b> <b>RPI-1.0FSN5E</b> <b>RPI-1.5FSN5E</b>	REGOLO PLUS	L-RI17-020 L-RPI17-020	REGOLO PLUS	L-RI17-300 L-RPI17-300	REGOLO PLUS	L-RI17-400 L-RPI17-400	REGOLO PLUS	ON REQUEST ON REQUEST
<b>RPI-2.0FSN5E</b> <b>RPI-2.5FSN5E</b> <b>RPI-3.0FSN5E</b>	REGOLO PLUS	L-RI18-020 L-RPI18-020	REGOLO PLUS	L-RI18-300 L-RPI18-300	REGOLO PLUS	L-RI18-400 L-RPI18-400	REGOLO PLUS	L-RI18-500* L-RPI18-500*
<b>RPIM-0.6FSN4E</b> <b>RPIM-0.8FSN4E</b> <b>RPIM-1.0FSN4E</b> <b>RPIM-1.5FSN4E</b>	REGOLO PLUS	S-RI19-200 S-RPI19-200	REGOLO PLUS	S-RI19-300 S-RPI19-300	REGOLO PLUS	S-RI19-400* S-RPI19-400*	REGOLO PLUS	ON REQUEST ON REQUEST
<b>RAD-50RPE</b> <b>RAD-60RPE</b> <b>RAD-50PPA</b> <b>RAD-60PPA</b> <b>RAD-50PPD</b> <b>RAD-60PPD</b>	REGOLO PLUS	M-RI20-020 M-RPI20-020	REGOLO PLUS	M-RI20-300 M-RPI20-300	REGOLO PLUS	M-RI20-400 M-RPI20-400	REGOLO PLUS	M-RI20-500* M-RPI20-500*

\*One of the zone dampers is on the short side.  
\*It is possible to add a side damper on the short side to obtain the 6th climate zone: ON REQUEST



**KIT REGOLO/REGOLO PLUS - DAIKIN**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
FBA35-50A FBQ35-50D FXSQ40-50A	REGOLO	S-RD1-020	REGOLO	S-RD1-300	REGOLO	S-RD1-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPD1-020	REGOLO PLUS	S-RPD1-300	REGOLO PLUS	S-RPD1-400*	REGOLO PLUS	
FBA60-71A FBQ60-71D FXSQ63-80A	REGOLO	M-RD2-020	REGOLO	M-RD2-300	REGOLO	M-RD2-400	REGOLO	M-RD2-500*
	REGOLO PLUS	M-RPD2-020	REGOLO PLUS	M-RPD2-300	REGOLO PLUS	M-RPD2-400	REGOLO PLUS	M-RPD2-500*
FDXM25-35F FDXM25-35F3 FDXM25-35F9 FDXS25-35F FXDQ15-32A FXDQ15-32A3	REGOLO	S-RD3-020	REGOLO	S-RD3-300	REGOLO	S-RD3-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPD3-020	REGOLO PLUS	S-RPD3-300	REGOLO PLUS	S-RPD3-400*	REGOLO PLUS	
FDXS50F FXDQ40-50A FXDQ40-50A3	REGOLO	M-RD4-020	REGOLO	M-RD4-300	REGOLO	M-RD4-400	REGOLO	ON REQUEST
	REGOLO PLUS	M-RPD4-020	REGOLO PLUS	M-RPD4-300	REGOLO PLUS	M-RPD4-400	REGOLO PLUS	
DXM50-60F FDXM50-60F3 FDXM50-60F9 FDXS60F FDXS-50F9 FXDQ63A FXDQ63A3	REGOLO	L-RD5-020	REGOLO	L-RD5-300	REGOLO	L-RD5-400	REGOLO	L-RD5-500•
	REGOLO PLUS	L-RPD5-020	REGOLO PLUS	L-RPD5-300	REGOLO PLUS	L-RPD5-400	REGOLO PLUS	L-RPD5-500•
FXSQ40-50P	REGOLO	S-RD6-020	REGOLO	S-RD6-300	REGOLO	S-RD6-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPD6-020	REGOLO PLUS	S-RPD6-300	REGOLO PLUS	S-RPD6-400*	REGOLO PLUS	
FXSQ63-80P	REGOLO	ON REQUEST	REGOLO	M-RD7-030	REGOLO	M-RD7-400	REGOLO	M-RD7-500*
	REGOLO PLUS		REGOLO PLUS	M-RPD7-030	REGOLO PLUS	M-RPD7-400	REGOLO PLUS	M-RPD7-500*

**KIT REGOLO/REGOLO PLUS - MITSUBISHI ELECTRIC**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
SEZ-KD25VAL SEZ-M25DAL	REGOLO	S-RE3-200	REGOLO	S-RE3-300	REGOLO	S-RE3-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPE3-200	REGOLO PLUS	S-RPE3-300	REGOLO PLUS	S-RPE3-400*	REGOLO PLUS	
SEZ-KD35VAL SEZ-M35DAL SEZ-KD50VAL SEZ-M50DAL	REGOLO	M-RE4-020	REGOLO	M-RE4-300	REGOLO	M-RE4-400	REGOLO	ON REQUEST
	REGOLO PLUS	M-RPE4-020	REGOLO PLUS	M-RPE4-300	REGOLO PLUS	M-RPE4-400	REGOLO PLUS	
SEZ-KD60VAL SEZ-M60DAL SEZ-KD71VAL SEZ-M71DAL	REGOLO	L-RE5-020	REGOLO	L-RE5-300	REGOLO	L-RE5-400	REGOLO	L-RE5-500•
	REGOLO PLUS	L-RPE5-020	REGOLO PLUS	L-RPE5-300	REGOLO PLUS	L-RPE5-400	REGOLO PLUS	L-RPE5-500•
PEFY-P 20/25/32 VMA-E	REGOLO	S-RE13-200	REGOLO	S-RE13-300	REGOLO	S-RE13-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPE13-200	REGOLO PLUS	S-RPE13-300	REGOLO PLUS	S-RPE13-400*	REGOLO PLUS	
PEFY-P 40/50 VMA-E PEAD-RP35JAQ	REGOLO	ON REQUEST	REGOLO	M-RE14-030	REGOLO	M-RE14-400	REGOLO	M-RE14-500*
	REGOLO PLUS		REGOLO PLUS	M-RPE14-030	REGOLO PLUS	M-RPE14-400	REGOLO PLUS	M-RPE14-500*
PEFY-P 63/71/80 VMA-E PEAD-RP60JAQ PEAD-RP71JAQ	REGOLO	ON REQUEST	REGOLO	L-RE15-030	REGOLO	L-RE15-400	REGOLO	L-RE15-500•
	REGOLO PLUS		REGOLO PLUS	L-RPE15-030	REGOLO PLUS	L-RPE15-400	REGOLO PLUS	L-RPE15-500•



**KIT REGOLO/REGOLO PLUS - MITSUBISHI HEAVY INDUSTRIES**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
FDUM50VF	REGOLO	S-RM13-200	REGOLO	S-RM13-300	REGOLO	S-RM13-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPM13-200	REGOLO PLUS	S-RPM13-300	REGOLO PLUS	S-RPM13-400*	REGOLO PLUS	ON REQUEST
FDUM60VF FDUM71VF	REGOLO	M-RM14-020	REGOLO	M-RM14-300	REGOLO	M-RM14-400	REGOLO	M-RM14-500*
	REGOLO PLUS	M-RPM14-020	REGOLO PLUS	M-RPM14-300	REGOLO PLUS	M-RPM14-400	REGOLO PLUS	M-RPM14-500*
SRR 25AM-S SRR 35ZM-S	REGOLO	S-RM21-020	REGOLO	S-RM21-300	REGOLO	S-RM21-400*	REGOLO	ON REQUEST
	REGOLO PLUS	S-RPM21-020	REGOLO PLUS	S-RPM21-300	REGOLO PLUS	S-RPM21-400*	REGOLO PLUS	ON REQUEST
SRR 50AM-S SRR 60ZM-S	REGOLO	M-RM22-020	REGOLO	M-RM22-300	REGOLO	M-RM22-400	REGOLO	M-RM22-500*
	REGOLO PLUS	M-RPM22-020	REGOLO PLUS	M-RPM22-300	REGOLO PLUS	M-RPM22-400	REGOLO PLUS	M-RPM22-500*

**KIT REGOLO/REGOLO PLUS - HAIER**

MACHINE MODEL	2 OUTLETS		3 OUTLETS		4 OUTLETS		5 OUTLETS	
	code		code		code		code	
AD35S2SM3FA	REGOLO	S-RH26-020	REGOLO	S-RH26-300	REGOLO	S-RH26-400*	REGOLO	M-RH26-500*
	REGOLO PLUS	S-RPH26-020	REGOLO PLUS	S-RPH26-300	REGOLO PLUS	S-RPH26-400*	REGOLO PLUS	M-RPH26-500*
AD50S2SM1FA AD71S2SM1FA	REGOLO	M-RH27-020	REGOLO	M-RH27-030	REGOLO	M-RH27-400	REGOLO	M-RH27-500*
	REGOLO PLUS	M-RPH27-020	REGOLO PLUS	M-RPH27-030	REGOLO PLUS	M-RPH27-400	REGOLO PLUS	M-RPH27-500*
AD50S2SM3FA AD71S2SM3FA	REGOLO	L-RH28-020	REGOLO	L-RH28-030	REGOLO	L-RH28-400	REGOLO	L-RH28-500*
	REGOLO PLUS	L-RPH28-020	REGOLO PLUS	L-RPH28-030	REGOLO PLUS	L-RPH28-400	REGOLO PLUS	L-RPH28-500*

REGOLO/REGOLO PLUS KIT - MIDEA under development, for info please contact the company

\*One of the zone dampers is on the short side.  
 \*It is possible to add a side damper on the short side to obtain the 6th climate zone: ON REQUEST

# wired chronothermostat

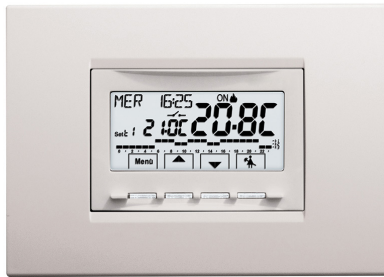


image with plate (plate not supplied)

Wired digital control chronothermostat -REGOLO-CF wired digital control chronothermostat powered by the Regolo control unit. Suitable for wall (flush-mounted) installation, it is used to manage the temperatures of the various zones of the home by setting the opening and closing time bands of the servomotors that will move the dampers to facilitate or prevent the passage of air.

It can be used in REGOLO/REGOLO PLUS systems to control the servomotors of dampers installed on plenums combined with ducted units of various brands.

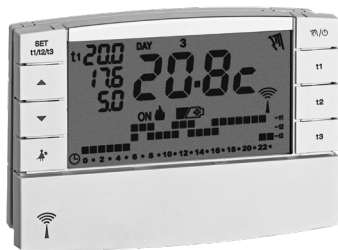
It also gives the possibility of bypassing time programs by forcing the manual closing or opening of each damper, and of changing the operating mode to heating or cooling.

Main functions of the CF chronothermostat:

- time setup and display;
- display of the ambient temperature in which it is located;
- temperature setup;
- manual operation mode (forced opening of the damper);
- operating mode according to the set temperature set-point;
- automated operation mode based on time bands (weekly programs);
- switching to cooling mode (for the summer period) and heating mode (for the winter period);
- forced closure of dampers (shutdown).

Code	Description
-REGOLO-CF	Wired digital control chronothermostat

# radio chronothermostat



Wireless "chronothermostat": it sends operating commands via radio frequency; the signal sent can be received by the REGOLO/REGOLO PLUS control unit, which has the task of recognising and interpreting it, translating it into an operation to be carried out (e.g. activation and/or display). It has a large and clear display (with adjustable contrast) for monitoring all its functions in real time. Ease of programming is its key feature.

Its permanent memory contains 3 different freely settable programs, conceived for maximum comfort.

Main functions of the CR chronothermostat:

- Programmed or manual operation
- Easy matching of the transmitter to the zone, with self-learning capabilities.
- Forwarding of the " " signal to ascertain the signal presence and range.
- Forwarding of batteries almost exhausted notification to the receiver.

- Year, month, day, hour and minute setup.
- Display of current time or room temperature.
- Possibility of correcting the detected room temperature (OFFSET).
- Possibility of total exclusion of the absence temperature.
- Possibility of password protecting the modification of settings.
- Possibility of assignment to one or more receivers.
- Display indication of radio signal transmission.
- Total shutdown of temperature control.

Code	Description
-REGOLO-CR	"Wireless" radio chronothermostat



# airsan and airsan coated insulated antibacterial hose

Flexible pipeline featuring exclusive technologies.

Pipeline made of:

- polyolefin resin film with antibacterial and anti-mould master additives.
- heat-insulating coating made of closed-cell cross-linked polyethylene foam.
- external protection film of polyolefin resins with additives.
- internal harmonic steel wire spiral.

The assembly of the materials for the construction of the flexible pipeline does not involve the use of chemicals, adhesives or glues.

**APPLICATIONS:**

Air conditioning  
 Single and double flow heat recovery ventilation  
 Reduction of condensation and heat loss  
 Air conditioning systems for transport vehicles,  
 for agricultural and industrial use.

**CHARACTERISTICS**

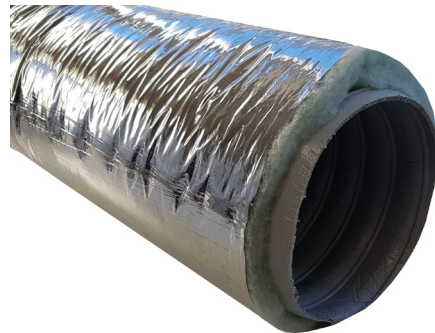
Colour: Grey  
 Thickness: 4 mm  
 Length: 10 ml  
 Operating temperature: -40°C +100°C  
 Air speed: max. 20 m/sec  
 Bending radius: 1.2 - 1.8 x Ø  
 Reaction to fire:  
 Class 1 (DM 26/06/84)  
 Class M1  
 Class EN B - s1, d0 (13823:2010)

Coating properties: **(for the coated Aairsan version)**  
 Polyester thickness 25 mm, lambda=0.028, U=1.12W/m²K.

Aairsan



Aairsan coated



**AIRSAN AND AIRSAN COATED HOSE**

Code	Ø	Description
VML2610085	Ø 85	<b>AIRSAN</b> flexible pipeline
VML2610102	Ø 100	with sanitized antibacterial/anti-mould internal treatment, heat-insulating coating and external resin film protection; embedded harmonic steel wire spiral.
VML2610127	Ø 125	
VML2610160	Ø 160	Designed for use in air conditioning and heat recovery ventilation systems. IT CAN BE CLEANED WITH PROBE!
VML2610203	Ø 200	
VML2610254	Ø 250	10 ml PACK
VML2610127R	Ø 125	<b>AIRSAN COATED</b> flexible pipeline
VML2610160R	Ø 160	with sanitized antibacterial/anti-mould internal treatment, heat-insulating coating and external resin film protection; embedded harmonic steel wire spiral.
VML2610203R	Ø 200	25 mm polyester fibre covering wrapped in an aluminium film vapour-shielding layer.
VML2610254R	Ø 250	Designed for use in air conditioning and heat recovery ventilation systems. IT CAN BE CLEANED WITH PROBE!  10 ml PACK

# ep/01 series polycarbonate plenum

Plenum with butterfly damper  
adaptable to the collar



Patented plenum with quick connector for connection to the flexible pipeline and adjustable to up to 5 different diameters. A butterfly valve is supplied as standard, capable of adapting to the selected pipeline diameter.

Thanks to the special construction and the locking clips, the installation of the flexible pipeline is quick and safe, as well as uniquely simple.

The lightness and the guide clamping system optimise the characteristics of this product and make it a viable alternative to classic galvanised sheet metal plenums. Plasterboard fixing kit available.

## BENEFITS

Economical;  
Extremely easy to install;  
Equipped with a built-in regulation damper;  
It can be used for both the delivery and the return of treated air.

## EP/01 SERIES CONNECTION PLENUM

Code	Sizes [mm]	Description	For pipelines Ø [mm]
-EP/01200X100	200x100	with no.1 oval rear collar with damper	Ø125
-EP/01300X100	300x100	with no. 1 modular oval rear collar with damper	Ø160/180/200
-EP/01400X100	400x100	with no. 1 modular oval rear collar with damper	Ø160/180/200
-EP/01300X150	300x150	with no. 1 modular oval rear collar with damper	Ø160/180/200
-EP/01400X150	400x150	with no. 1 modular oval rear collar with damper	Ø160/180/200/229/250
-EP/01500X150	500x150	with no. 1 modular oval rear collar with damper	Ø160/180/200/229/250
-EP/01600X150	600x150	with no. 1 modular oval rear collar with damper	Ø160/180/200/229/250
-EP/01400X200	400x200	with no. 1 modular oval rear collar with damper	Ø200/229/250
-EP/01500X200	500x200	with no. 1 modular oval rear collar with damper	Ø200/229/250
-EP/01600X200	600x200	with no. 1 modular oval rear collar with damper	Ø200/229/250

Polycarbonate  
plenum  
depth= 110 mm

Note: With standard collars on Ø180 and Ø229 it is not possible to use the supplied damper.



fixing  
clips

Code	Description
-EP/PAKIT	Plenum spring fixing kit for plasterboard

## RELATED PRODUCTS:



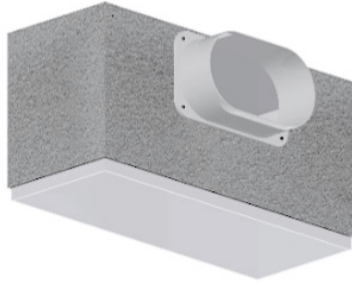
### PVC RETURN GRILLES



### PVC DELIVERY VENTS



# pvc plenum for grilles and vents - adf series



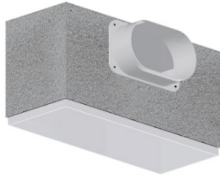
**CONSTRUCTION MATERIAL:**

Insulated anti-condensation PVC-U plenum, with collar on the long side, for the installation of vents/grilles.

All plenums are supplied with fixing and anchoring brackets. An additional optional kit is available for fixing the vent/grille with brackets and magnets (cod. ADF-FIX2).

**BENEFITS**

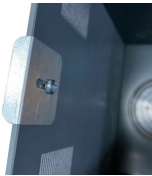
- Light;
- Extremely easy to install;
- Oval collar to reduce the overall space requirements;
- Anti-condensation and antibacterial due to the PVC composition;
- Hygienically superior to any other material of the air handling sector.



**PVC PLENUM FOR GRILLES/VENTS**

Code	Description	Vent sizes [mm]
ADF-40X10X16L16	PVC plenum for grilles/vents	400x100
ADF-30X15X16L16	P=160 mm	300x150
ADF-40X15X16L16		400x150
ADF-40X20X16L16	Ø150/Ø160mm oval collar on long side	400x200

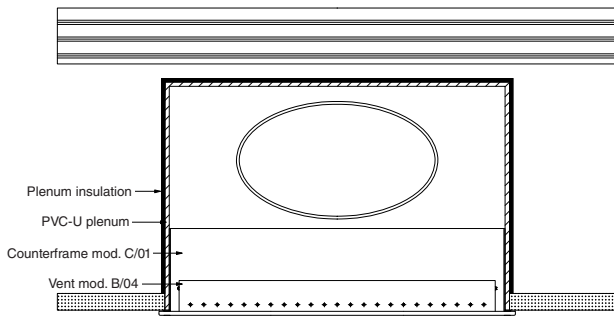
For other sizes, please contact the company



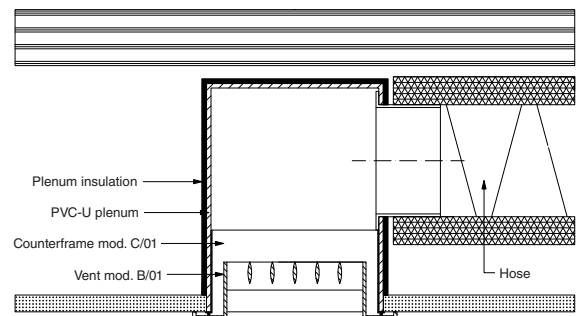
**ACCESSORY**

ADF-FIX2	Kit consisting of brackets + safety rope + magnets for fixing vents/grilles to the ceiling (pack of 2 brackets, 1 rope and 2 magnets, the latter installed at the factory on the vent/grille)
----------	---

SECTION LONG SIDE VIEW



SECTION SHORT SIDE VIEW



**RELATED PRODUCTS:**



**PVC RETURN GRILLES**

**PVC DELIVERY VENTS**

# gtf return grill pvc plenum - ədf-gtf series



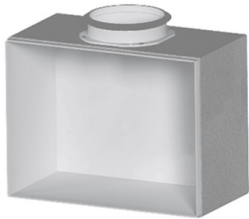
Anti-condensation PVC plenum, designed for the ceiling installation of the GTF model grille.

CONSTRUCTION MATERIAL: 3 mm thick anti-condensation PVC, externally insulated with PE foam, thickness 3 mm.

GTF grille (with frame and filter) to be ordered separately

## BENEFITS

- Extremely easy to install;
- Customisation of collars possible;
- Anti-condensation and antibacterial due to the PVC composition.
- Hygienically superior to any other material of the air handling sector.



### PVC PLENUM FOR GTF GRILLES

Code	Description	Grille sizes [mm]	Collar Ø [mm]
<b>ADF-GTF1230X20L</b>		300x200	Ø125 lateral long side
<b>ADF-GTF1630X20L</b>		300x200	Ø160 lateral long side
<b>ADF-GTF1240X20L</b>	PVC plenum for GTF return grille	400x200	Ø125 lateral long side
<b>ADF-GTF1640X20L</b>		400x200	Ø160 lateral long side
<b>ADF-GTF1640X30L</b>	P=200 mm	400x300	Ø160 lateral long side
<b>ADF-GTF1660X30L</b>		600x300	Ø160 lateral long side
<b>ADF-GTF1660X40L</b>		600x400	Ø160 lateral long side

For other sizes, please contact the company



## RELATED PRODUCTS:

### RETURN GRILLE WITH FILTER FRAME AND FILTER - GTF



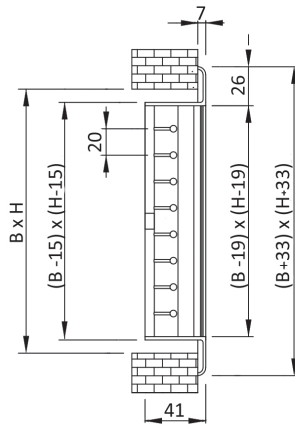


# eb series abs delivery vents



Vent with double row of adjustable fins, vertical at the front and horizontal at the rear

CONSTRUCTION MATERIAL: anti-condensation abs  
 FIN PITCH: 20 mm  
 CLASS: V0  
 MAX. OPERATING TEMPERATURE: 80°C  
 AVAILABLE COLOUR: RAL 9010  
 FIXING METHOD: clips



BxH = hole size (used as nominal size)

(B-15)x(H-15) = neck size

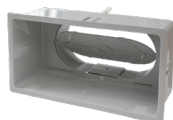
(B+33)x(H+33) = external size



Code	B x H [mm]	
-EB/01200X100	200X100	
-EB/01300X100	300X100	Anti-condensation ABS vent with double row of fins
-EB/01300X150	300X150	



Code	B x H [mm]	
-EB/01400X100	400X100	
-EB/01400X150	400X150	
-EB/01500X150	500X150	
-EB/01600X150	600X150	Anti-condensation ABS vent with double row of fins
-EB/01400X200	400X200	
-EB/01500X200	500X200	
-EB/01600X200	600X200	



## RELATED PRODUCTS:

POLYCARBONATE PLENUM



# b series pvc delivery vents

The B series delivery vents are made of white RAL 9010 anti-condensation PVC and are available in four different conformations:



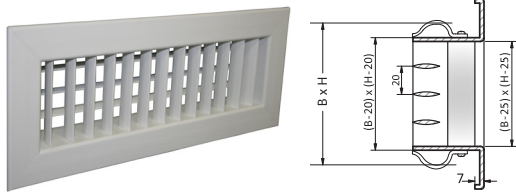
- B/01: double row of fins, vertical at the front\* and horizontal at the rear;
- B/02: double row of fins, horizontal at the front and vertical at the rear;
- B/03: single row vertical of fins\*;
- B/04: single row of horizontal fins.

\*fins parallel to the short side

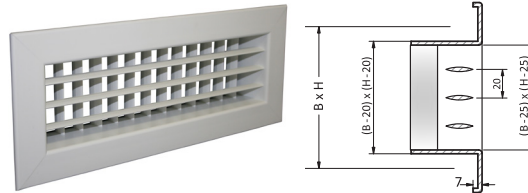
## BENEFITS

- Anti-corrosive;
- Anti-condensation;
- Long-lasting and easy to maintain;
- Very low flammability and self-extinguishing.

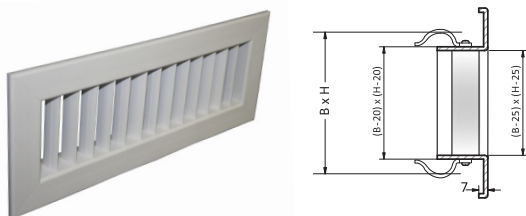
MODEL B/01



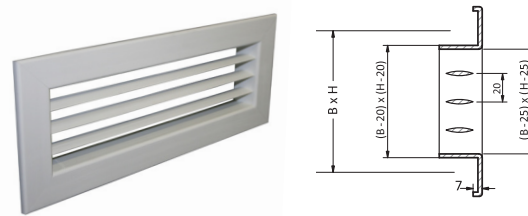
MODEL B/02



MODEL B/03



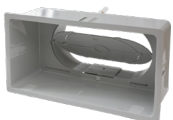
MODEL B/04



External frame measurement: B+34 x H+34 [mm]

## VENT CODE

B	/	01	B	X	H	B	
PVC delivery vent	/	01	double row of fins, vertical at the front and horizontal at the rear	nominal sizes of the largest side (hole size in mm)	x	nominal sizes of the smaller side (hole size in mm)	RAL 9010 (white)
		02	double row of fins, horizontal at the front and vertical at the rear				
		03	single row of vertical fins				
		04	single row of horizontal fins				



### RELATED PRODUCTS:

**POLYCARBONATE PLENUM**

REFERENCE FLOW RATE TABLE - B/01 AND B/02 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	/	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	99	153	207	261	315	/	/	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	243	324	414	504	585	675	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2.5m/s	225	342	468	585	711	828	954	1197
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	531	729	918	1107	/	1494	1872
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	/	990	/	1503	/	2025	2547

REFERENCE FLOW RATE TABLE - B/03 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	/	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	117	180	243	306	369	/	/	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	297	405	513	621	729	837	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2.5m/s	270	423	567	720	873	1017	1170	1467
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	657	891	1131	1368	/	1836	2313
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	/	1224	/	1863	/	2511	3159

REFERENCE FLOW RATE TABLE - B/04 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	/	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	117	189	252	215	387	/	/	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	297	405	513	621	729	837	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2.5m/s	270	423	567	729	882	1035	1188	1494
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	657	900	1134	1377	/	1854	2331
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2.5m/s	/	/	1224	/	1872	/	2528	3177

MADE TO MEASURE!

Non standard sizes possible for any site requirement.



## DELIVERY VENTS - B SERIES

B x H hole size	B/01	B/02	B/03	B/04	Damper S/01	Counterframe C/01	n. Clips	n. Screws	n. M/01
	Code	Code	Code	Code	Code	Code			
200 x 100	-B/01200X100B	-B/02200X100B	-B/03200X100B	-B/04200X100B	-S/01200X100B	-C/01200X100	4	4	4
300 x 100	-B/01300X100B	-B/02300X100B	-B/03300X100B	-B/04300X100B	-S/01300X100B	-C/01300X100	4	4	4
400 x 100	-B/01400X100B	-B/02400X100B	-B/03400X100B	-B/04400X100B	-S/01400X100B	-C/01400X100	4	4	4
500 x 100	-B/01500X100B	-B/02500X100B	-B/03500X100B	-B/04500X100B	-S/01500X100B	-C/01500X100	4	4	4
600 x 100	-B/01600X100B	-B/02600X100B	-B/03600X100B	-B/04600X100B	-S/01600X100B	-C/01600X100	4	4	6
300 x 150	-B/01300X150B	-B/02300X150B	-B/03300X150B	-B/04300X150B	-S/01300X150B	-C/01300X150	4	4	4
400 x 150	-B/01400X150B	-B/02400X150B	-B/03400X150B	-B/04400X150B	-S/01400X150B	-C/01400X150	4	4	4
500 x 150	-B/01500X150B	-B/02500X150B	-B/03500X150B	-B/04500X150B	-S/01500X150B	-C/01500X150	4	4	4
600 x 150	-B/01600X150B	-B/02600X150B	-B/03600X150B	-B/04600X150B	-S/01600X150B	-C/01600X150	4	4	6
700 x 150	-B/01700X150B	-B/02700X150B	-B/03700X150B	-B/04700X150B	-S/01700X150B	-C/01700X150	6	4	6
800 x 150	-B/01800X150B	-B/02800X150B	-B/03800X150B	-B/04800X150B	-S/01800X150B	-C/01800X150	6	4	8
200 x 200	-B/01200X200B	-B/02200X200B	-B/03200X200B	-B/04200X200B	-S/01200X200B	-C/01200X200	4	4	4
300 x 200	-B/01300X200B	-B/02300X200B	-B/03300X200B	-B/04300X200B	-S/01300X200B	-C/01300X200	4	4	4
400 x 200	-B/01400X200B	-B/02400X200B	-B/03400X200B	-B/04400X200B	-S/01400X200B	-C/01400X200	4	4	4
500 x 200	-B/01500X200B	-B/02500X200B	-B/03500X200B	-B/04500X200B	-S/01500X200B	-C/01500X200	4	4	6
600 x 200	-B/01600X200B	-B/02600X200B	-B/03600X200B	-B/04600X200B	-S/01600X200B	-C/01600X200	4	4	6
700 x 200	-B/01700X200B	-B/02700X200B	-B/03700X200B	-B/04700X200B	-S/01700X200B	-C/01700X200	6	4	6
800 x 200	-B/01800X200B	-B/02800X200B	-B/03800X200B	-B/04800X200B	-S/01800X200B	-C/01800X200	6	4	8
1000 x 200	-B/011000X200B	-B/021000X200B	-B/031000X200B	-B/041000X200B	-S/011000X200B	-C/011000X200	6	8	10
300 x 300	-B/01300X300B	-B/02300X300B	-B/03300X300B	-B/04300X300B	-S/01300X300B	-C/01300X300	4	4	4
400 x 300	-B/01400X300B	-B/02400X300B	-B/03400X300B	-B/04400X300B	-S/01400X300B	-C/01400X300	4	4	4
500 x 300	-B/01500X300B	-B/02500X300B	-B/03500X300B	-B/04500X300B	-S/01500X300B	-C/01500X300	4	4	6
600 x 300	-B/01600X300B	-B/02600X300B	-B/03600X300B	-B/04600X300B	-S/01600X300B	-C/01600X300	4	4	6
800 x 300	-B/01800X300B	-B/02800X300B	-B/03800X300B	-B/04800X300B	-S/01800X300B	-C/01800X300	6	4	8
1000 x 300	-B/011000X300B	-B/021000X300B	-B/031000X300B	-B/041000X300B	-S/011000X300B	-C/011000X300	6	8	10
400 x 400	-B/01400X400B	-B/02400X400B	-B/03400X400B	-B/04400X400B	-S/01400X400B	-C/01400X400	4	4	4
600 x 400	-B/01600X400B	-B/02600X400B	-B/03600X400B	-B/04600X400B	-S/01600X400B	-C/01600X400	4	4	6
800 x 400	-B/01800X400B	-B/02800X400B	-B/03800X400B	-B/04800X400B	-S/01800X400B	-C/01800X400	6	4	8
1000 x 400	-B/011000X400B	-B/021000X400B	-B/031000X400B	-B/041000X400B	-S/011000X400B	-C/011000X400	6	8	10

M/01: M/01 type magnets

Clips (plastic) = standard fixing system; fixing with **screws** or **magnets** subject to special order

S/01 damper see description on next page

C/01 counterframe see description on next page



# g-series pvc return grilles with 45° fins

The G series return grilles (with 45° tilted fins) are made of RAL 9010 white anti-condensation PVC and are available in two different conformations:

- G/01: fixed horizontal fins\* tilted at 45°;
- G/02: fixed vertical fins\*\* tilted at 45°.

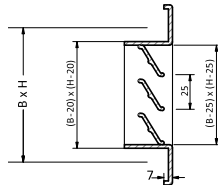
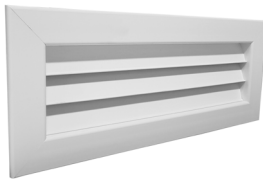


- \* parallel to the long side
- \*\* parallel to the short side

## BENEFITS

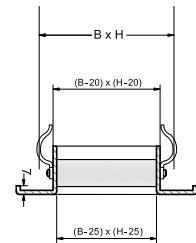
- Anti-corrosive;
- Anti-condensation;
- Long-lasting and easy to maintain;
- Very low flammability and self-extinguishing.

MODEL G/01



External frame measurement: B+34 x H+34 [mm]

MODEL G/02



## GRILLE CODING

G	/	01		B	X	H	B
PVC RETURN GRILLE	/	01	single row of fixed horizontal fins tilted at 45°	nominal sizes of the long side (hole size in mm)	x	nominal sizes of the short side (hole size in mm)	RAL 9010 (white)
		02	single row of fixed vertical fins tilted at 45°				

N.B: the catalogue pictures refer to the 300x100mm size for both models. Standard fixing is with plastic clips (to be ordered separately). A special order must be made for fixing with screws or magnets.

## ACCESSORIES:

### REGULATION DAMPER - MODEL S/01



Contrast damper with opposite movement.  
**CONSTRUCTION MATERIAL:** anti-condensation PVC and bayblend.  
**CLASS:** V0.  
**FIXING METHOD:** Directly on the grilles or with screws on the plenum.  
**COLOUR:** RAL 9010

### COUNTERFRAME - MODEL C/01



Fixing counterframe.  
**CONSTRUCTION MATERIAL:** Sheet metal.  
**FIXING METHOD:** Direct on the plenum or channel.

### BIRD/INSECT SCREEN FOR RETURN GRILLES - MODEL R/02



Bird/insect screen for outdoor grilles  
**MATERIAL:** polyester  
**FIXING METHOD:** standard on grille neck  
**PITCH:** 10 mm (size 10x10 mm)

## REFERENCE FLOW RATE TABLE - G/01 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	800x100	/
Q (m <sup>3</sup> /h) with s = 2m/s	30	42	57	72	88	/	117	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	84	114	144	174	204	235	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2m/s	84	125	171	216	261	307	352	445
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2m/s	/	208	284	359	435	/	586	737
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	403	/	609	/	821	1032
HOLE SIZE B x H [mm]	/	/	/	500x500	/	/	800x500	1000x500
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	647	/	/	1055	1327
HOLE SIZE B x H [mm]	/	/	/	/	595x595*	/	/	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	814	/	/	/
HOLE SIZE B x H [mm]	/	/	/	/	600x600	/	800x600	1000x600
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	958	/	1290	1622

\*Size for square tile ceilings, the only ones in which the measurements shown are external in mm. Be careful not to confuse with the 600x600mm hole size.

## REFERENCE FLOW RATE TABLE - G/02 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	800x100	/
Q (m <sup>3</sup> /h) with s = 2m/s	35	58	86	108	130	/	173	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	101	137	173	209	252	288	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2m/s	84	137	187	245	295	346	403	503
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2m/s	/	208	295	374	461	/	626	792
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	403	/	626	/	857	1080
HOLE SIZE B x H [mm]	/	/	/	500x500	/	/	800x500	1000x500
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	647	/	/	1080	1368
HOLE SIZE B x H [mm]	/	/	/	/	595x595*	/	/	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	814	/	/	/
HOLE SIZE B x H [mm]	/	/	/	/	600x600	/	800x600	1000x600
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	958	/	1310	1656

\*Size for square tile ceilings, the only ones in which the measurements shown are external in mm. Be careful not to confuse with the 600x600mm hole size.

MADE TO MEASURE!

Grilles of non-standard sizes can be produced for any site requirements.

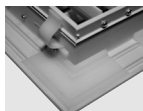


## RETURN GRILLES - G SERIES

B x H hole size	G/01	G/02	Insect screen	Damper	Counterframe	n. Clips (to be ordered separately)	n. Screws	n. M/01
	Code	Code	Code	Code	Code			
200 x 100	-G/01200X100B	-G/02200X100B	-R/02200X100	-S/01200X100B	-C/01200X100	4	4	4
300 x 100	-G/01300X100B	-G/02300X100B	-R/02300X100	-S/01300X100B	-C/01300X100	4	4	4
400 x 100	-G/01400X100B	-G/02400X100B	-R/02400X100	-S/01400X100B	-C/01400X100	4	4	4
500 x 100	-G/01500X100B	-G/02500X100B	-R/02500X100	-S/01500X100B	-C/01500X100	4	4	4
600 x 100	-G/01600X100B	-G/02600X100B	-R/02600X100	-S/01600X100B	-C/01600X100	4	4	6
800 x 100	-G/01800X100B	-G/02800X100B	-R/02800X100	On request	On request	6	4	8
300 x 150	-G/01300X150B	-G/02300X150B	-R/02300X150	-S/01300X150B	-C/01300X150	4	4	4
400 x 150	-G/01400X150B	-G/02400X150B	-R/02400X150	-S/01400X150B	-C/01400X150	4	4	4
500 x 150	-G/01500X150B	-G/02500X150B	-R/02500X150	-S/01500X150B	-C/01500X150	4	4	4
600 x 150	-G/01600X150B	-G/02600X150B	-R/02600X150	-S/01600X150B	-C/01600X150	4	4	6
700 x 150	-G/01700X150B	-G/02700X150B	-R/02700X150	-S/01700X150B	-C/01700X150	6	4	6
800 x 150	-G/01800X150B	-G/02800X150B	-R/02800X150	-S/01800X150B	-C/01800X150	6	4	8
200 x 200	-G/01200X200B	-G/02200X200B	-R/02200X200	-S/01200X200B	-C/01200X200	4	4	4
300 x 200	-G/01300X200B	-G/02300X200B	-R/02300X200	-S/01300X200B	-C/01300X200	4	4	4
400 x 200	-G/01400X200B	-G/02400X200B	-R/02400X200	-S/01400X200B	-C/01400X200	4	4	4
500 x 200	-G/01500X200B	-G/02500X200B	-R/02500X200	-S/01500X200B	-C/01500X200	4	4	6
600 x 200	-G/01600X200B	-G/02600X200B	-R/02600X200	-S/01600X200B	-C/01600X200	4	4	6
700 x 200	-G/01700X200B	-G/02700X200B	-R/02700X200	-S/01700X200B	-C/01700X200	6	4	6
800 x 200	-G/01800X200B	-G/02800X200B	-R/02800X200	-S/01800X200B	-C/01800X200	6	4	8
1000 x 200	-G/011000X200B	-G/021000X200B	-R/021000X200	-S/011000X200B	-C/011000X200	6	8	10
300 x 300	-G/01300X300B	-G/02300X300B	-R/02300X300	-S/01300X300B	-C/01300X300	4	4	4
400 x 300	-G/01400X300B	-G/02400X300B	-R/02400X300	-S/01400X300B	-C/01400X300	4	4	4
500 x 300	-G/01500X300B	-G/02500X300B	-R/02500X300	-S/01500X300B	-C/01500X300	4	4	6
600 x 300	-G/01600X300B	-G/02600X300B	-R/02600X300	-S/01600X300B	-C/01600X300	4	4	6
800 x 300	-G/01800X300B	-G/02800X300B	-R/02800X300	-S/01800X300B	-C/01800X300	6	4	8
1000 x 300	-G/011000X300B	-G/021000X300B	-R/021000X300	-S/011000X300B	-C/011000X300	6	8	10
400 x 400	-G/01400X400B	-G/02400X400B	-R/02400X400	-S/01400X400B	-C/01400X400	4	4	4
600 x 400	-G/01600X400B	-G/02600X400B	-R/02600X400	-S/01600X400B	-C/01600X400	4	4	6
800 x 400	-G/01800X400B	-G/02800X400B	-R/02800X400	-S/01800X400B	-C/01800X400	6	4	8
1000 x 400	-G/011000X400B	-G/021000X400B	-R/021000X400	-S/011000X400B	-C/011000X400	6	8	10
500 x 500	-G/01500X500B	-G/02500X500B	-R/02500X500	On request	On request	4	4	4
800 x 500	-G/01800X500B	-G/02800X500B	-R/02800X500	On request	On request	6	4	8
1000 x 500	-G/011000X500B	-G/021000X500B	-R/021000X500	On request	On request	6	8	10
595 x 595*	-G/01595X595B	-G/02595X595B	-R/02595X595	On request	On request	4	4	8
600 x 600	-G/01600X600B	-G/02600X600B	-R/02600X600	On request	On request	4	4	8
800 x 600	-G/01800X600B	-G/02800X600B	-R/02800X600	On request	On request	6	4	10
1000 x 600	-G/011000X600B	-G/021000X600B	-R/021000X600	On request	On request	6	8	10

\*Size for square tile ceilings, the only ones in which the measurements shown are external in mm.

FIXING WITH CLIPS (standard fixing)



FIXING WITH SCREWS



FIXING WITH MAGNETS type M/01







# pvc return air grilles with gtf series filter frame

The GTF series return grilles with filter frame are made of white RAL 9010 anti-condensation PVC; they include a filter frame with Velcro filter fixing technology, which allows for quick and easy maintenance.

The options for fixing the grille to the filter frame are listed below in the product code configuration.



## BENEFITS

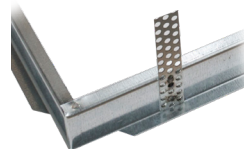
- Anti-corrosive;
- Anti-condensation;
- Long-lasting and easy to maintain;
- Very low flammability and self-extinguishing.

## GRILLE CODING

GTF	/	0	6	B	X	H	B		
PVC return grille with filter frame and filter	/	0	grille with 45° tilted fins parallel to the long side	6	automatic concealed fixing by means of magnets and safety cables	nominal sizes of the largest side (internal measurement of the counterframe)	x (by)	nominal sizes of the smaller side (internal measurement of the counterframe)	RAL 9010 (white)
		2	grille with 45° tilted fins parallel to the short side						
		3	grille with 45° tilted fins opposing						
		Q	square mesh grille						



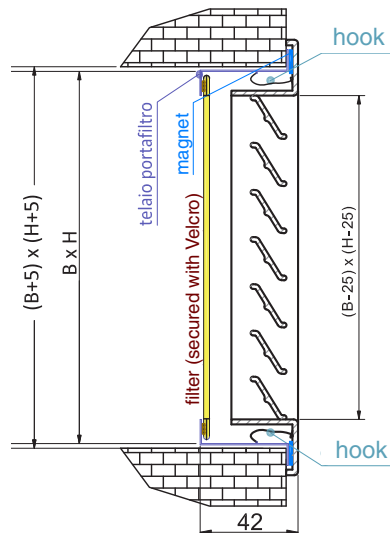
GTF/06  
automatic concealed system



detail with filter frame fixing bracket (included)



Filter media, Velcro fastening and extraction rope (included)



The dimensional drawing shows the G/01 model fixed to the filter frame



## REFERENCE FLOW RATE TABLE - GTF/06 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	800x100	/
Q (m <sup>3</sup> /h) with s = 2m/s	30	42	57	72	88	/	117	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	84	114	144	174	204	235	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2m/s	84	125	171	216	261	307	352	445
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2m/s	/	208	284	359	435	/	586	737
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = m/s	/	/	403	/	609	/	821	1032
HOLE SIZE B x H [mm]	/	/	/	500x500	/	/	800x500	1000x500
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	647	/	/	1055	1327
HOLE SIZE B x H [mm]	/	/	/	/	595x595*	/	/	/
Q (m <sup>3</sup> /h) with s = m/s	/	/	/	/	814	/	/	/
HOLE SIZE B x H [mm]	/	/	/	/	600x600	/	800x600	1000x600
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	958	/	1290	1622

\*Size for square tile ceilings, the only ones in which the measurements shown are external in mm. Be careful not to confuse with the 600x600mm hole size.

## REFERENCE FLOW RATE TABLE - GTF/26 SERIES

HOLE SIZE B x H [mm]	200x100	300x100	400x100	500x100	600x100	/	800x100	/
Q (m <sup>3</sup> /h) with s = 2m/s	35	58	86	108	130	/	173	/
HOLE SIZE B x H [mm]	/	300x150	400x150	500x150	600x150	700x150	800x150	/
Q (m <sup>3</sup> /h) with s = 2m/s	/	101	137	173	209	252	288	/
HOLE SIZE B x H [mm]	200x200	300x200	400x200	500x200	600x200	700x200	800x200	1000x200
Q (m <sup>3</sup> /h) with s = 2m/s	84	137	187	245	295	346	403	503
HOLE SIZE B x H [mm]	/	300x300	400x300	500x300	600x300	/	800x300	1000x300
Q (m <sup>3</sup> /h) with s = 2m/s	/	208	295	374	461	/	626	792
HOLE SIZE B x H [mm]	/	/	400x400	/	600x400	/	800x400	1000x400
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	403	/	626	/	857	1080
HOLE SIZE B x H [mm]	/	/	/	500x500	/	/	800x500	1000x500
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	647	/	/	1080	1368
HOLE SIZE B x H [mm]	/	/	/	/	595x595*	/	/	/
Q (m <sup>3</sup> /h) with s = m/s	/	/	/	/	814	/	/	/
HOLE SIZE B x H [mm]	/	/	/	/	600x600	/	800x600	1000x600
Q (m <sup>3</sup> /h) with s = 2m/s	/	/	/	/	958	/	1310	1656

\*Size for square tile ceilings, the only ones in which the measurements shown are external in mm. Be careful not to confuse with the 600x600mm hole size.

MADE TO MEASURE!

Non standard sizes possible for any site requirement.



GTF/06 includes the G/01 grille, TF/02 filter frame and F/02 filter.

G/01: return grille with single row of 45° tilted fins parallel to the long side.

Notes: \*Size suitable for installation on 600x600 panels (corresponding grille hole size: 561x561mm).

#### WITH G/01 RETURN GRILLE

BxH (base x height)	GTF/06	TF/02: Filter frame and filter (as standard)	F/02 Spare filter
300X200	-GTF/06300X200B	-TF/02300X200	-F/02300X200
400X200	-GTF/06400X200B	-TF/02400X200	-F/02400X200
500X200	-GTF/06500X200B	-TF/02500X200	-F/02500X200
600X200	-GTF/06600X200B	-TF/02600X200	-F/02600X200
800X200	-GTF/06800X200B	-TF/02800X200	-F/02800X200
1000X200	-GTF/06100X200B	-TF/021000X200	-F/021000X200
300X300	-GTF/06300X300B	-TF/02300X300	-F/02300X300
400X300	-GTF/06400X300B	-TF/02400X300	-F/02400X300
500X300	-GTF/06500X300B	-TF/02500X300	-F/02500X300
600X300	-GTF/06600X300B	-TF/02600X300	-F/02600X300
800X300	-GTF/06800X300B	-TF/02800X300	-F/02800X300
1000X300	-GTF/06100X300B	-TF/021000X300	-F/021000X300
400X400	-GTF/06400X400B	-TF/02400X400	-F/02400X400
600X400	-GTF/06600X400B	-TF/02600X400	-F/02600X400
800X400	-GTF/06800X400B	-TF/02800X400	-F/02800X400
1000X400	-GTF/06100X400B	-TF/021000X400	-F/021000X400
500X500	-GTF/06500X500B	-TF/02500X500	-F/02500X500
800X500	-GTF/06800X500B	-TF/02800X500	-F/02800X500
1000X500	-GTF/06100X500B	-TF/021000X500	-F/021000X500
595X595*	-GTF/06595X595B	-TF/02595X595	-F/02595X595
600X600	-GTF/06600X600B	-TF/02600X600	-F/02600X600
1000X600	-GTF/06100X600B	-TF/021000X600	-F/021000X600





Detail of the fixing of the GTF inspectionable grille



special safety rope + hook



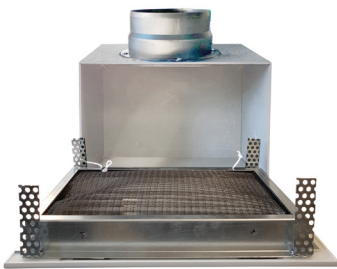
detail showing perfect adhesion to the ceiling



detail of a neodymium magnet



**MADE TO MEASURE!**  
Grilles of non-standard sizes can be produced for any site requirements.



**RELATED PRODUCTS:**

**GTF PVC PLENUM**

# easy combi delivery/return vent

Easy combi is a vent with delivery and return integrated in one single unit, with nominal sizes 500 x 150 mm.

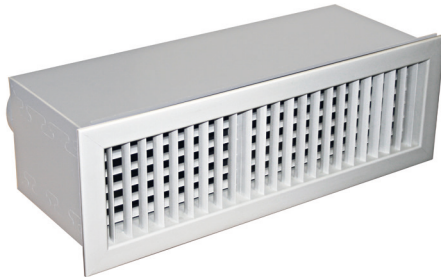
CONSTRUCTION MATERIAL: Anti-condensation PVC RAL 9010.

FIN PITCH: 20 mm.

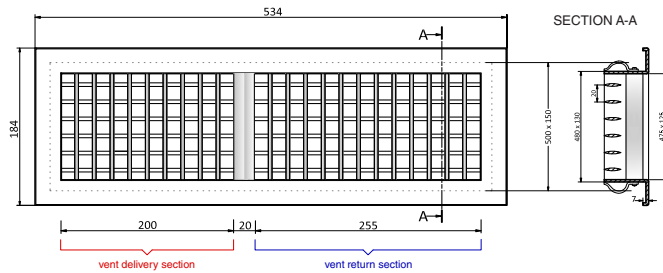
CLASS: V0.

OPERATING TEMPERATURE: -30°C +60°C.

VENT FIXING: clips.



vent complete with PVC plenum (see also below)



## ACCESSORIES:

### COMBIS01 CALIBRATION DAMPER 500X150



Contrast damper with opposite movement.

CONSTRUCTION MATERIAL: Anti-condensation PVC and bayblend.

FIN PITCH: 44 mm.

CLASS: V0.

OPERATING TEMPERATURE: -30°C +60°C.

### COMBIPL PVC PLENUM 500 x 150 H x 160



COMBIPL is a plenum with delivery and return integrated in one single unit. It features airtight separation between the delivery and the return sections, to prevent air short circuits. Once installed, it appears as a single element. Complete with two selectable Ø125 or Ø160 mm (oval type) rear collars.

CONSTRUCTION MATERIAL: Anti-condensation PVC, thickness 3 mm. With polyethylene foam outer cover.

CLASS: V0.

OPERATING TEMPERATURE: -30°C +60°C.

## REFERENCE FLOW RATE TABLE

EASY COMBI	Useful area	Q (m³/h)	Q (m³/h)	Q (m³/h)	Q (m³/h)	Q (m³/h)
		s = 1 m/s	s = 2 m/s	s = 2.5 m/s	s = 3 m/s	s = 4 m/s
		Headloss 1 Pa	Headloss 3 Pa	Headloss 5 Pa	Headloss 7 Pa	Headloss 12 Pa
DELIVERY section	0.02	72	144	180	216	288
RETURN section	0.0255	94	187	235	282	374

## COMBI SERIES VENT WITH ACCESSORIES

Code	Description
-COMBIB0500X150B	Combined delivery/return vent with 2 rows of fins (vertical at the front)
-COMBIS01500X150	Contrast calibration damper with separator
-COMBIPL50X15P12	PVC plenum with bulkhead, with two Ø125mm collars
-COMBIPL50X15P16	PVC plenum with bulkhead, with two Ø150/160mm collars

## df series multi-directional diffusers



FLAT multi-directional diffuser with hidden frame

### CONSTRUCTION MATERIAL:

White RAL9010 painted aluminium screen, RAL 9010 PVC frame.  
On the inner face of the screen is an insulation panel made of forex, thickness 6 mm.  
Fixing of the screen to the frame using springs

### SIZES AND QUICK SELECTION OF DF DIFFUSERS

Code	Plenum coupling NECK measurements (mm)	EXTERNAL sizes (mm)	Area on useful diffusion edge (m <sup>2</sup> )	Flow rate (m <sup>3</sup> /h) with v= 2.5 m/s Headloss: 2 Pa	Flow rate (m <sup>3</sup> /h) with v= 3 m/s Headloss: 3 Pa	Flow rate (m <sup>3</sup> /h) with v= 4 m/s Headloss: 5 Pa	Flow rate (m <sup>3</sup> /h) with v= 5 m/s Headloss: 8 Pa	Flow rate (m <sup>3</sup> /h) with v= 6 m/s Headloss: 12 Pa
-DF/150X150B	150 x 150	280 x 280	0.0135	122	146	195	243	292
-DF/225X225B	225 x 225	355 x 355	0.0169	153	183	244	305	366
-DF/300X300B	300 x 300	430 x 430	0.0208	184	221	295	368	442
-DF/375X375B	375 x 375	505 x 505	0.0243	218	262	349	437	524

(DF diffuser flow rates are for 14 mm high perimeter slot; for 17 mm slots, increase the flow rates by 22%)

## dfc series multi-directional diffusers



FLAT multi-directional diffuser with exposed frame.

### CONSTRUCTION MATERIAL:

RAL9010 painted aluminium screen, RAL 9010 PVC frame.  
On the inner face of the screen is an insulation panel made of forex, thickness 6 mm.  
Fixing of the screen to the frame using springs

### SIZES AND QUICK SELECTION OF DFC DIFFUSERS

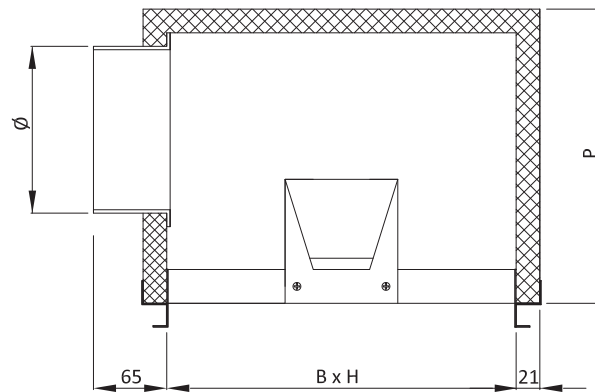
Code	Plenum coupling NECK measurements (mm)	EXTERNAL sizes (mm)	Area on useful diffusion edge (m <sup>2</sup> )	Flow rate (m <sup>3</sup> /h) with v= 2.5 m/s Headloss: 2 Pa	Flow rate (m <sup>3</sup> /h) with v= 3 m/s Headloss: 3 Pa	Flow rate (m <sup>3</sup> /h) with v= 4 m/s Headloss: 5 Pa	Flow rate (m <sup>3</sup> /h) with v= 5 m/s Headloss: 8 Pa	Flow rate (m <sup>3</sup> /h) with v= 6 m/s Headloss: 12 Pa
-DFC/150X150B	150 x 150	280 x 280	0.0082	73	88	117	147	176
-DFC/225X225B	225 x 225	355 x 355	0.0116	104	125	167	208	250
-DFC/300X300B	300 x 300	430 x 430	0.0154	138	166	221	277	277
-DFC/375X375B	375 x 375	505 x 505	0.0190	171	205	273	342	410

**ACCESSORIES:****DAMPER S/02**

Manual contrast damper with opposite movement.  
 CONSTRUCTION MATERIAL: Anti-condensation PVC and bayblend.  
 CLASS: V0.  
 OPERATING TEMPERATURE: -30°C +60°C.  
 FIXING METHOD: screws.

**EXPANDED POLYISOCYANURATE PLENUM PAL/02**

Junction plenum with circular side connection.  
 CONSTRUCTION MATERIAL:  
 Expanded polyisocyanurate (PAL).  
 The plenum is supplied with a quick-connection coupling to allow the diffuser to be installed without the use of screws or special tools.



Code for plenums suitable for DF-DFC series diffusers	sizes B x H [mm]	D [mm]	Ø [mm]
-PAL/02150X150	150x150	250	145
-PAL/02225X225	225x225	250	145
-PAL/02300X300	300x300	300	195
-PAL/02375X375	375x375	350	245
-PAL/02450X450	450x450	350	245



# dl series linear diffusers



Slotted linear diffuser with directional nozzle terminals, DL /-A\*\*\*\_series; without directional nozzles, DL /-B\*\*\*\_ series.

Construction material:

RAL 9010 anti-condensation PVC for the frame;  
Black RAL 9005 or white RAL 9010 ABS for nozzles and nozzle supports.

Fixing: with screws on special brackets.

Operating temperature: -30°C... +60°C.

The diffuser comes complete with metal fixing brackets.

Accessories:

- Plenum in anti-condensation PVC. ADF-P04;
- Anti-condensation PVC sliding damper, mod. ADF-S/04 (only in combination with PVC plenum);
- Plenum in Hydrotec coupled with polyester, resistant version (resistant to aggressive atmospheres), mod. PAL/04;
- Sheet metal sliding damper, mod. S/04 (only in association with PAL plenums).

DL with 1 slot



DL with 2 slots



DL with 3 slots

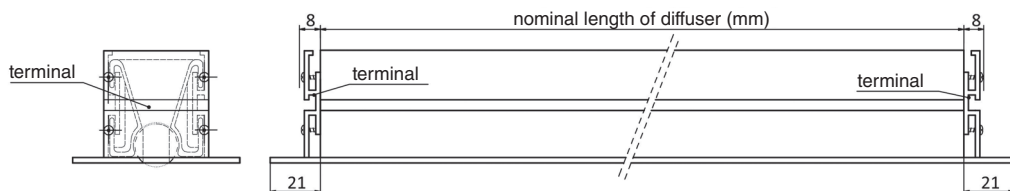


DL with 4 slots



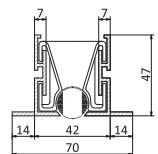
## DL DIFFUSER CODING

DL	/	1	A	...	(B)
LINEAR DIFFUSER	-	1 slot 2 slots 3 slots 4 slots	A with directional nozzles  B without directional nozzles	nominal length [mm]	<b>Without B = with black nozzles</b>  <b>B = with white nozzles</b>

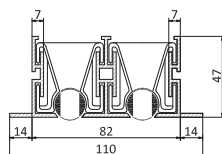


LONGITUDINAL VIEW OF DL DIFFUSER [with terminals]

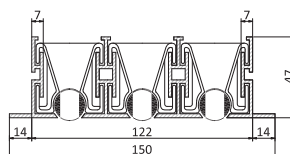
Note: minimum - maximum length of the diffuser plenum = nominal length + 20 - 25 mm



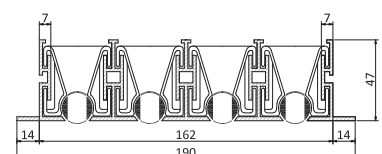
SECTION 1-slot model



SECTION 2-slot model



SECTION 3-slot model



SECTION 4-slot model



REFERENCE FLOW RATE TABLE - DL SERIES

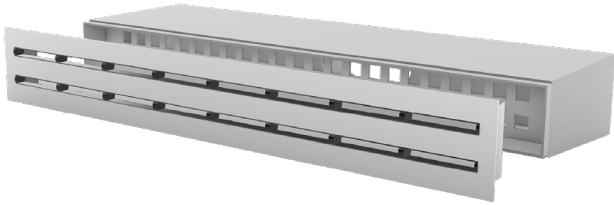
Nominal size [mm]	no. of slots	Useful area [m <sup>2</sup> ]	Flow rate [m <sup>3</sup> /h] with s = 1 m/s	Flow rate [m <sup>3</sup> /h] with s = 2 m/s	Flow rate [m <sup>3</sup> /h] with s = 2.5 m/s	Flow rate [m <sup>3</sup> /h] with s = 3 m/s	Flow rate [m <sup>3</sup> /h] with s = 4 m/s
			Headloss: 2 Pa	Headloss: 4 Pa	Headloss: 6 Pa	Headloss: 9 Pa	Headloss: 13 Pa
600	1	0.0090	33	65	83	99	132
800		0.0120	43	86	108	129	172
1000		0.0150	54	108	135	162	216
1200		0.0180	65	129	162	194	259
1600		0.0235	87	174	218	261	348
2000		0.0300	108	216	270	324	432
600	2	0.0180	65	130	162	195	260
800		0.0240	86	173	216	258	344
1000		0.0300	108	216	270	324	432
1200		0.0360	130	260	325	390	520
1600		0.0480	173	346	433	519	692
2000		0.0600	216	432	540	648	864
600	3	0.0270	97	194	243	291	388
800		0.0360	130	260	325	390	520
1000		0.0450	162	324	405	486	648
1200		0.0540	195	390	488	585	780
1600		0.0720	260	520	650	780	1040
2000		0.0900	324	648	810	972	1296
600	4	0.0360	130	260	325	390	520
800		0.0480	173	346	433	519	692
1000		0.0600	216	432	540	648	864
1200		0.0720	260	520	650	780	1040
1600		0.0960	347	693	866	1038	1384
2000		0.1200	432	864	1080	1296	1728



**LINEAR DIFFUSERS - DL AND DLK SERIES**

Description	Codes					
	Nominal L 600 mm	Nominal L 800 mm	Nominal L 1000 mm	Nominal L 1200 mm	Nominal L 1600 mm	Nominal L 2000 mm
<b>1 SLOT</b>						
DL models - linear diffusers						
With black nozzles	-DL/1A600	-DL/1A800	-DL/1A1000	-DL/1A1200	-DL/1A1600	-DL/1A2000
With white nozzles	-DL/1A600B	-DL/1A800B	-DL/1A1000B	-DL/1A1200B	-DL/1A1600B	-DL/1A2000B
Without nozzles	-DL/1B600B	-DL/1B800B	-DL/1B1000B	-DL/1B1200B	-DL/1B1600B	-DL/1B2000B
DLK models - linear diffuser composition modules for nominal L > 2000mm						
With black nozzles	-DLK/1A600	-DLK/1A800	-DLK/1A1000	-DLK/1A1200	-DLK/1A1600	-DLK/1A2000
With white nozzles	-DLK/1A600B	-DLK/1A800B	-DLK/1A1000B	-DLK/1A1200B	-DLK/1A1600B	-DLK/1A2000B
Without nozzles	-DLK/1B600	-DLK/1B800	-DLK/1B1000	-DLK/1B1200	-DLK/1B1600	-DLK/1B2000
DLK terminals	T/1B					
Fixing between modules	FISSAGGIODLK1					
<b>2 SLOTS</b>						
DL models - linear diffusers						
With black nozzles	-DL/2A600	-DL/2A800	-DL/2A1000	-DL/2A1200	-DL/2A1600	-DL/2A2000
With white nozzles	-DL/2A600B	-DL/2A800B	-DL/2A1000B	-DL/2A1200B	-DL/2A1600B	-DL/2A2000B
Without nozzles	-DL/2B600B	-DL/2B800B	-DL/2B1000B	-DL/2B1200B	-DL/2B1600B	-DL/2B2000B
DLK models - linear diffuser composition modules for nominal L > 2000mm						
With black nozzles	-DLK/2A600	-DLK/2A800	-DLK/2A1000	-DLK/2A1200	-DLK/2A1600	-DLK/2A2000
With white nozzles	-DLK/2A600B	-DLK/2A800B	-DLK/2A1000B	-DLK/2A1200B	-DLK/2A1600B	-DLK/2A2000B
Without nozzles	-DLK/2B600	-DLK/2B800	-DLK/2B1000	-DLK/2B1200	-DLK/2B1600	-DLK/2B2000
DLK terminals	T/2B					
Fixing between modules	FISSAGGIODLK2					
<b>3 SLOTS</b>						
DL models - linear diffusers						
With black nozzles	-DL/3A600	-DL/3A800	-DL/3A1000	-DL/3A1200	-DL/3A1600	-DL/3A2000
With white nozzles	-DL/3A600B	-DL/3A800B	-DL/3A1000B	-DL/3A1200B	-DL/3A1600B	-DL/3A2000B
Without nozzles	-DL/3B600B	-DL/3B800B	-DL/3B1000B	-DL/3B1200B	-DL/3B1600B	-DL/3B2000B
DLK models - linear diffuser composition modules for nominal L > 2000mm						
With black nozzles	-DLK/3A600	-DLK/3A800	-DLK/3A1000	-DLK/3A1200	-DLK/3A1600	-DLK/3A2000
With white nozzles	-DLK/3A600B	-DLK/3A800B	-DLK/3A1000B	-DLK/3A1200B	-DLK/3A1600B	-DLK/3A2000B
Without nozzles	-DLK/3B600	-DLK/3B800	-DLK/3B1000	-DLK/3B1200	-DLK/3B1600	-DLK/3B2000
DLK terminals	T/3B					
Fixing between modules	FISSAGGIODLK3					
<b>4 SLOTS</b>						
DL models - linear diffusers						
With black nozzles	-DL/4A600	-DL/4A800	-DL/4A1000	-DL/4A1200	-DL/4A1600	-DL/4A2000
With white nozzles	-DL/4A600B	-DL/4A800B	-DL/4A1000B	-DL/4A1200B	-DL/4A1600B	-DL/4A2000B
Without nozzles	-DL/4B600B	-DL/4B800B	-DL/4B1000B	-DL/4B1200B	-DL/4B1600B	-DL/4B2000B
DLK models - linear diffuser composition modules for nominal L > 2000mm						
With black nozzles	-DLK/4A600	-DLK/4A800	-DLK/4A1000	-DLK/4A1200	-DLK/4A1600	-DLK/4A2000
With white nozzles	-DLK/4A600B	-DLK/4A800B	-DLK/4A1000B	-DLK/4A1200B	-DLK/4A1600B	-DLK/4A2000B
Without nozzles	-DLK/4B600	-DLK/4B800	-DLK/4B1000	-DLK/4B1200	-DLK/4B1600	-DLK/4B2000
DLK terminals	T/4B					
Fixing between modules	FISSAGGIODLK4					

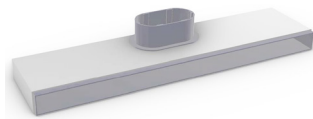
# plenum for linear diffusers - series adf-p04



Equaliser supplied as standard on the plenum  
Note: image including the linear diffuser (to be ordered separately)



special fixing bracket included with the linear diffuser, to be installed on site on the plenum equaliser using screws



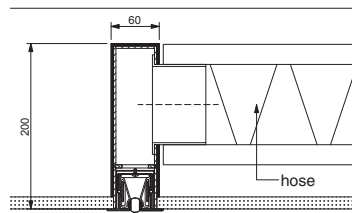
plenum box for "DL" series linear diffusers with 3 slots, with Øeq.160 reversible connections (for diffusers with length L=600 mm, L=1200 mm) and with Øeq.200 reversible connections (for diffusers with length L=800 mm, L=1000 mm, L=1600 mm, L=2000 mm).

The collar is fixed as standard in the "axial" position (rear collar), but it can easily be moved on site to either of the two long sides by swapping the collar itself with the blind plate screwed onto the side face.

The collar applied to one of the two 'short' side faces is only on specific request.

The plenum is equipped with an equaliser, consisting of a rectangular 4 mm thick "perforated" PVC plate permanently incorporated into the plenum itself.

Plenums longer than L<sub>nom.</sub>1000 mm are supplied in two symmetrical pieces, each half the required plenum length; the two pieces are joined together very easily and solidly on site by screwing the appropriate PVC strips onto the two pieces.



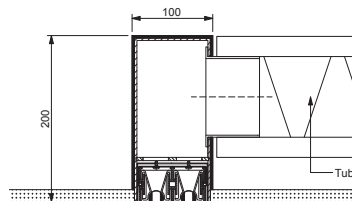
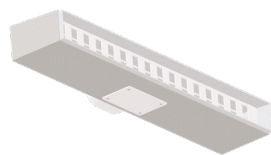
## 1-SLOT PVC DIFFUSER PLENUMS

Nominal size L [mm]	Plenum Code	Ø collars [mm]	No. of collars	Collar position
600	ADF-P04060X1L12	Ø125	1	Side, long side
800	ADF-P04080X1L12	Ø125	1	Side, long side
1000	ADF-P04100X1L12	Ø125	1	Side, long side
1200	ADF-P04120X1L12	Ø125	2	Side, long side
1600	ADF-P04160X1L12	Ø125	2	Side, long side
2000	ADF-P04200X1L12	Ø125	2	Side, long side

The plenums for sizes 1200, 1600 and 2000 mm consist of:

Plenum nom. L = 1200 mm: formed by no. 2 customised plenums with int. L = 608 mm to be assembled on site;  
Plenum nom. L = 1600 mm: formed by no. 2 customised plenums with int. L = 808 mm to be assembled on site;  
Plenum nom. L = 2000 mm: formed by no. 2 customised plenums with int. L = 1008 mm to be assembled on site.

**Note:** for PVC sliding dampers, the order must be placed together with the order for the PVC Plenum.

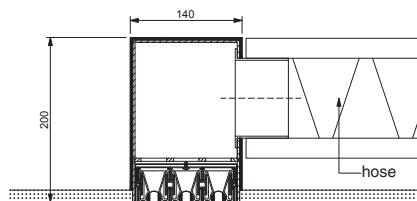
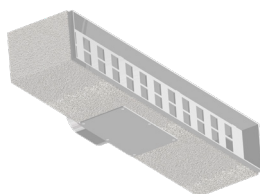


Note: example of plenum installation with collar "moved" to the long side

**2-SLOT DIFFUSER PVC PLENUMS**

Nominal size L [mm]	Plenum Code	Ø standard collar*	Ø applicable collar**
600	ADF-P04600X2	1 x Øeq.160	Øeq.125
800	ADF-P04800X2	1 x Øeq.160	Øeq.125
1000	ADF-P041000X2	1 x Øeq.160	Øeq.125
1200	ADF-P041200X2	2 x Øeq.160	Øeq.125
1600	ADF-P041600X2	2 x Øeq.160	Øeq.125
2000	ADF-P042000X2	2 x Øeq.160	Øeq.125

\* oval collar installed as standard at the rear. However, thanks to the "reversibility" of the plenum it can also be moved on site to the long side  
 \*\* collars that can be used to replace the Ø160 collars directly on site. In this case, it will be necessary to order the plate separately, code ADF-P04PI125

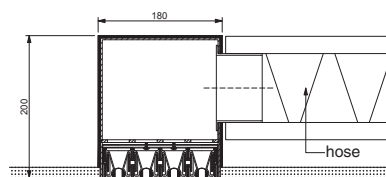
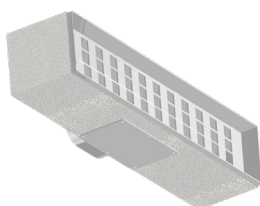


Note: example of plenum installation with collar "moved" to the long side

**3-SLOT DIFFUSER PVC PLENUMS**

Nominal size L [mm]	Plenum Code	Ø standard collar*	Ø applicable collar**
600	ADF-P04600X3	1 x Øeq.160	-
800	ADF-P04800X3	1 x Øeq.200	Øeq.160
1000	ADF-P041000X3	1 x Øeq.200	Øeq.160
1200	ADF-P041200X3	2 x Øeq.160	-
1600	ADF-P041600X3	2 x Øeq.200	Øeq.160
2000	ADF-P042000X3	2 x Øeq.200	Øeq.160

\* oval collar installed as standard at the rear. However, thanks to the "reversibility" of the plenum it can also be moved on site to the long side  
 \*\* collars that can be used to replace the Ø160 or Ø200 collars directly on site. In this case, it will be necessary to order the plate separately, code ADF-P04PI160



Note: example of plenum installation with collar "moved" to the long side

**4-SLOT DIFFUSER PVC PLENUMS**

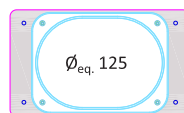
Nominal size L [mm]	Plenum Code	Ø standard collar*	Ø applicable collar**
600	ADF-P04600X4	1 x Øeq.160	-
800	ADF-P04800X4	1 x Øeq.200	Øeq.160
1000	ADF-P041000X4	1 x Øeq.200	Øeq.160
1200	ADF-P041200X4	2 x Øeq.160	-
1600	ADF-P041600X4	2 x Øeq.200	Øeq.160
2000	ADF-P042000X4	2 x Øeq.200	Øeq.160

\* oval collar installed as standard at the rear. However, thanks to the "reversibility" of the plenum it can also be moved on site to the long side  
 \*\* collars that can be used to replace the Ø160 or Ø200 collars directly on site. In this case, it will be necessary to order the plate separately, code ADF-P04PI160

Plenum dimensional characteristics; possibility of installation of additional plate and PVC dampers for 2-slot plenums (for 1, 3 and 4 slot plenums see relevant data sheets)

Code	PVC supply parts	Depth (mm)	Length x height, max (mm)	Min. hole size on plasterboard (mm)	Nominal length
ADF-P04600X2	1 single piece	200	634 x 113	630 x 97	600
ADF-P04800X2	1 single piece	200	834 x 113	830 x 97	800
ADF-P041000X2	1 single piece	200	1034 x 113	1030 x 97	1000
ADF-P041200X2	2 pcs.	200	1235 x 113	1232 x 97	1200
ADF-P041600X2	2 pcs.	200	1635 x 113	1632 x 97	1600
ADF-P042000X2	2 pcs.	200	2035 x 113	2033 x 97	2000

Code	Semi-oval series collar(s)	standard collar position	position of blind plates	possibility of installation of optional plate with indicated $\varnothing_{eq}$ .	Nominal length
ADF-P04600X2	1 x $\varnothing_{eq}$ 160	rear	1 x side	$\sqrt{\varnothing_{eq}}$ 125	600
ADF-P04800X2	1 x $\varnothing_{eq}$ 160	rear	1 x side	$\sqrt{\varnothing_{eq}}$ 125	800
ADF-P041000X2	1 x $\varnothing_{eq}$ 160	rear	1 x side	$\sqrt{\varnothing_{eq}}$ 125	1000
ADF-P041200X2	2 x $\varnothing_{eq}$ 160	rear	2 x side	$\sqrt{\varnothing_{eq}}$ 125	1200
ADF-P041600X2	2 x $\varnothing_{eq}$ 160	rear	2 x side	$\sqrt{\varnothing_{eq}}$ 125	1600
ADF-P042000X2	2 x $\varnothing_{eq}$ 160	rear	2 x side	$\sqrt{\varnothing_{eq}}$ 125	2000



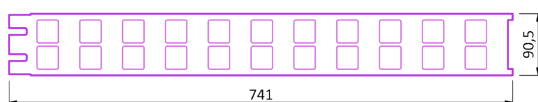
PVC plate, thickness 3 mm, code ADF-P04PI125

Plate (optional) to be ordered separately, supplied with  $\varnothing_{eq}$  125 mm semi-oval collar, which makes it possible to have a plenum with  $\varnothing$ 125 connection by replacing the  $\varnothing_{eq}$  collar directly on site. 160 mm as standard.

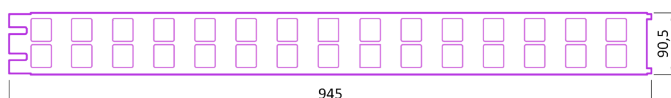
PVC dampers, thickness 3 mm for 2-slot linear diffuser, mod. DL/2 (600/800/100)



for plenum with nom. length = 600 mm



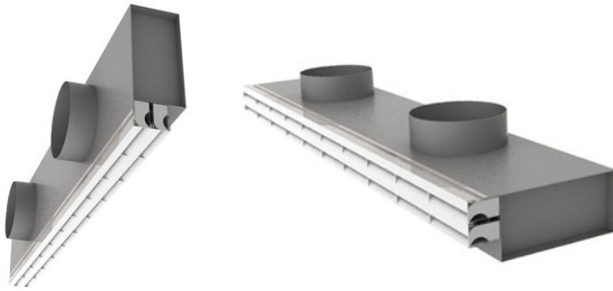
for plenum with nom. length = 800 mm



for plenum with nom. length = 1000 mm



# linear diffusers - ds series



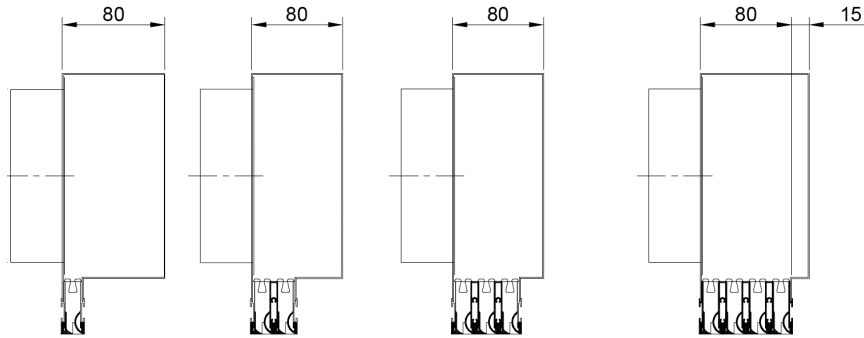
Slotted linear diffuser without frame

CONSTRUCTION MATERIAL:

Deflectors in RAL 9010 or RAL 9005 abs, guides in natural anodised aluminium.

CLASS 1 galvanised steel plenum with insulation, with aluminium snap-on collar. Side connection.

FIXING METHOD: By plenum suspension



REFERENCE FLOW RATE TABLE - DS SERIES

	L = 600millimeters	L = 800millimeters	L = 1000millimeters	L = 1500millimeters	L = 2000millimeters
<b>1 Slot</b>					
<b>Q (m³/h) with s = 4m/s</b>	44	60	76	112	150
<b>2 slots</b>					
<b>Q (m³/h) with s = 4m/s</b>	90	120	150	225	300
<b>3 slots</b>					
<b>Q (m³/h) with s = 4m/s</b>	135	180	224	336	448
<b>4 slots</b>					
<b>Q (m³/h) with s = 4m/s</b>	176	240	300	448	597

## LINEAR DIFFUSERS - DS SERIES

DS nominal size	No. of slots			
	1	2	3	4
	Code	Code	Code	Code
600	-DS/1600	-DS/2600	-DS/3600	-DS/4600
800	-DS/1800	-DS/2800	-DS/3800	-DS/4800
1000	-DS/11000	-DS/21000	-DS/31000	-DS/41000
1500	-DS/11500	-DS/21500	-DS/31500	-DS/41500
2000	-DS/12000	-DS/22000	-DS/32000	-DS/42000

linear plenum-diffusers of the monobloc  
line-s series



(See p. 59)

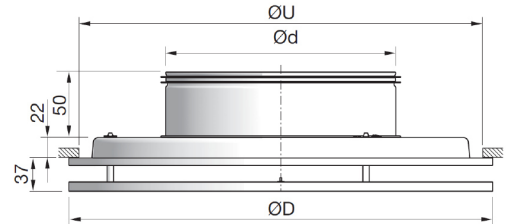


# dc/10 flat screen circular adjustable direction diffusers

DC/10 flat screen diffusers are installed in false ceilings and can be used in a variety of business, residential and commercial environments with installation heights of up to 3 metres, depending on the chosen size. Suitable for air with high summer delta T.

**CONSTRUCTION MATERIAL:** Upper section in RAL 9010 colour epoxy powder-coated aluminium, lower section in RAL 9010 colour epoxy powder-coated galvanised steel.

**INSTALLATION:**  
The diffuser is fixed directly to a plenum or the ceiling.



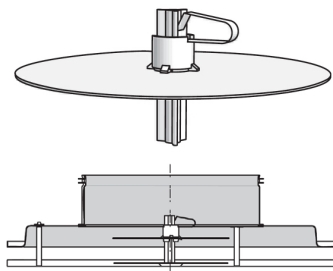
## DC/10 CONSTRUCTION SIZES AND ACCESSORIES

Nominal size [mm]	D [mm]	U [mm]	d [mm]
100	240	200	100
125	240	200	125
160	300	260	160
200	360	320	200
250	460	420	250
315	540	500	315
400	540	500	400

Calibration damper	Fixing brackets
Code	Code
-	-
SDT125	SDM125
SDT160	SDM160
SDT200	SDM200
SDT250	SDM250
SDT315	SDM315
SDT400	SDM400

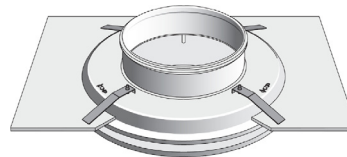
## SDT CALIBRATION DAMPER

Circular butterfly calibration damper.  
**CONSTRUCTION MATERIAL:** Galvanised sheet metal.



## SDM FIXING BRACKETS

Set consisting of 4 brackets for ceiling installation of the DC/10 diffuser, available sizes from Ø100 to Ø400mm.  
**CONSTRUCTION MATERIAL:** Galvanised sheet metal.



Code	Area [m <sup>2</sup> ]	Air flow rate [m <sup>3</sup> /h]	Reach (m)	Sound power (dBa)	Air flow rate [m <sup>3</sup> /h]	Reach [m]	Sound power (dBa)	Air flow rate [m <sup>3</sup> /h]	Reach [m]	Sound power (dBa)	Air flow rate [m <sup>3</sup> /h]	Reach [m]	Sound power (dBa)
		Considering the following parameters:											
		Air speed = 2.5m/s Headloss = 7Pa			Air speed = 4m/s Headloss = 19Pa			Air speed = 5m/s Headloss = 29Pa			Air speed = 7m/s Headloss = 58Pa		
-DC/10100	0.010	90	2.2	<20	144	3.4	25-30	180	4.2	30-35	253	5.6	40-45
-DC/10125	0.011	99	1.9	<20	158	2.9	25-30	198	3.5	35-40	277	4.7	40-45
-DC/10160	0.017	151	2.3	<20	240	3.4	20-25	299	4.2	25-30	418	5.6	40-45
-DC/10200	0.023	207	2.4	<20	331	3.7	25-30	414	4.5	30-35	580	6.1	40-45
-DC/10250	0.030	270	2.5	20-25	432	3.8	30-35	540	4.6	35-40	756	6.3	45-50
-DC/10315	0.037	334	2.5	<20	533	3.8	25-30	668	4.6	30-35	932	6.2	40-45



# steel valves - v/04 series



Air intake/extraction valve suitable for homes, offices, etc. Good regulation capacity thanks to the manually adjustable flat disc, and insulated on the inside with 10 mm thick polyethylene foam.

## CONSTRUCTION

Made of RAL 9010 white epoxy powder-coated metal sheet steel. Metal sheet collar. The valve body has a polyethylene foam gasket to ensure a tight seal on the mounting collar, adapter, air duct. The 10 mm thick PE foam of the disc allows hermetic seal of the valve.

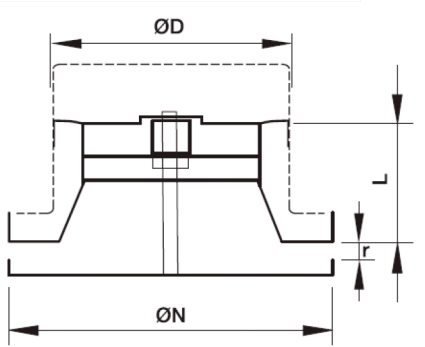


## FIXING METHOD

With steel clips integrated in the valve body and which fit onto the collar or a compatible adapter. The connection can be with flexible hoses or with the VMAVC-125 adapters for the Ø125 model, which do not require a collar and can support the valve itself. The mounting collar can be fixed to the support (plasterboard or else) using screws (not supplied) or other fixing systems.

valve body and screw disc

assembly collar

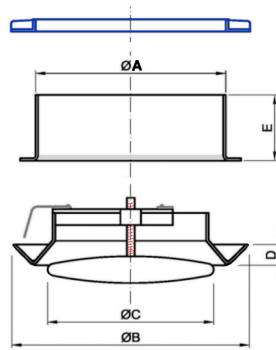


Code	Ø D (mm)	Ø N (mm)	L (mm)	r (mm)*	insulation thickness (mm)	adjustment turns (0-max)*
-V/04125	125	160	60	var. 0-20	10	0...20
-V/04160	160	195	60	var. 0-20	10	0...20
-V/04200	200	238	63	var. 0-20	10	0...20

\* If necessary, the valve can be further adjusted up to 30 mm, although in this case the possibility of having the screw supported by two supports will be lost.



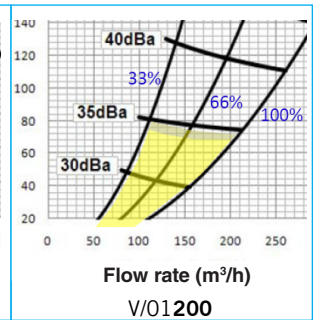
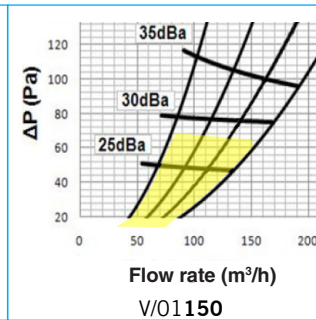
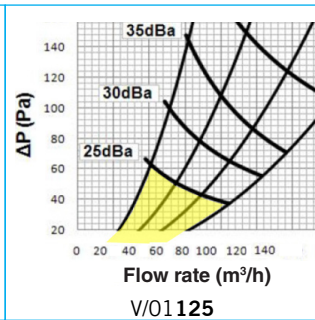
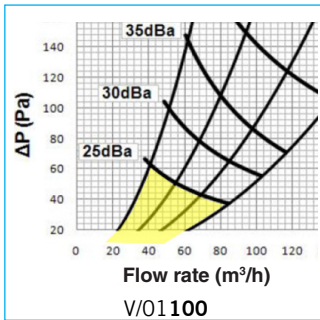
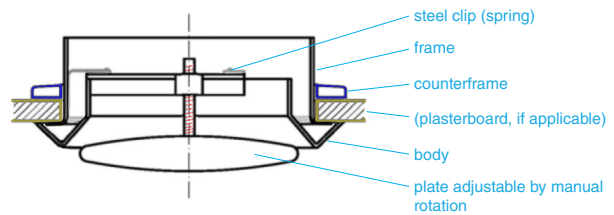
# polypropylene extraction valves - series v/01



Air extraction valve with retaining frame (cylinder) to be fixed to the channel or hose, with valve body, millimetre-adjustable central plate, counterframe.

CONSTRUCTION MATERIAL:  
RAL 9010 white polypropylene.

COLLAR FIXING: With front screws.  
VALVE FIXING: Screwed into the collar.  
ADJUSTMENT: Manual.



Areas highlighted in yellow: recommended maximum flow rates according to the valve opening level (25%, 50%, 75% and maximum opening)

Code	Ø A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	max. plate excursion (mm)
-V/01100	99	148	87	20	53	20
-V/01125*	124	163	104	20	53	20
-V/01150	149	185	130	20	53	20
-V/01200	199	240	178	20	53	20



# insurance certificate



Airplast srl guarantees its products with a specific insurance cover for all damage that may be caused to third parties.

**Airplast srl** products are covered by a specific policy with the following conditions:

- **MAXIMUM LIABILITY: EURO 15,000,000**
- **VALIDITY: WORLDWIDE**
- **VALIDITY OF THE COVER FROM THE DATE OF SALE**

**The cover for damages also applies the following, insofar as they occur or are presumed to occur:** repair, meaning the modification or rectification of the defective product and the installation of the product free of any defects; replacement, i.e. the removal of the defective product and the installation of a corresponding product free of defects.

See the general terms and conditions of sale on the following page of the [fitt.com](https://www.airplast.it/condizioni-general-di-vendita) website: <https://www.airplast.it/condizioni-general-di-vendita>

# certified company quality

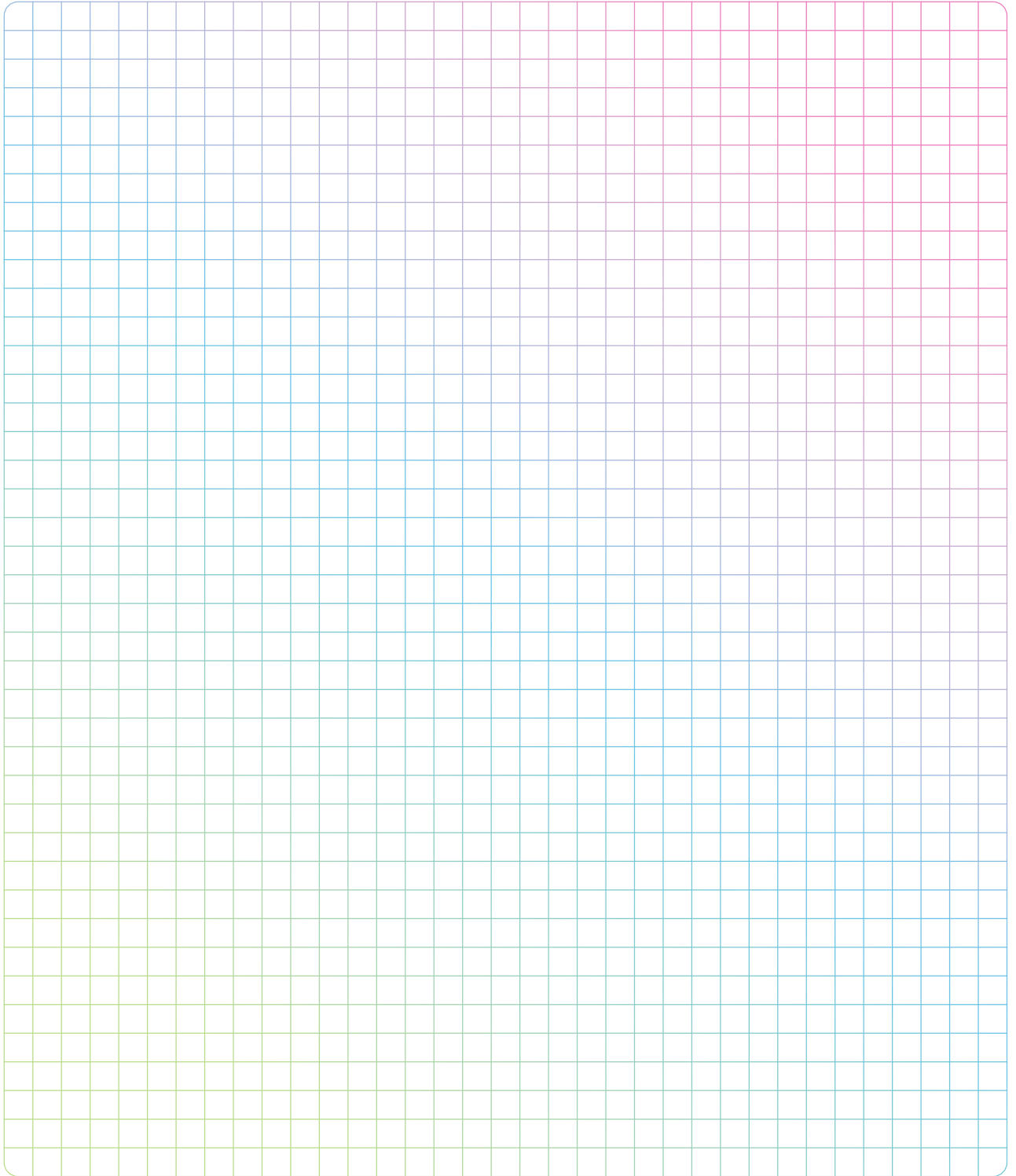


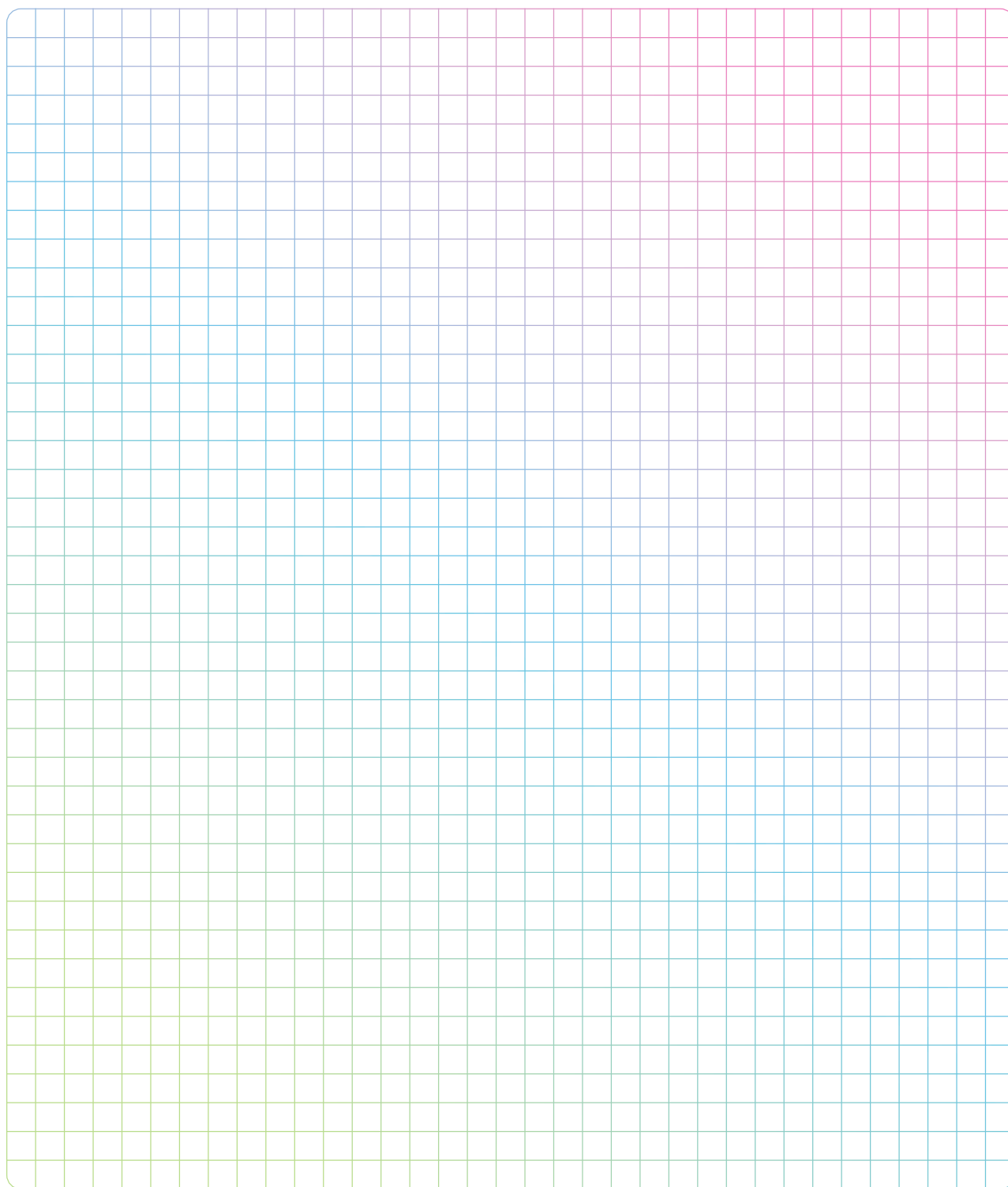
**Airplast srl** implements a business management policy aimed at ensuring the highest quality in terms of technology, products and services, in full respect of the environment in which it operates.

The certification of the quality system obtained by the company ensures compliance with the requirements of the **UNI EN ISO 9001:2015** standards in relation to the design, manufacturing and sale of:

- aeraulic products
- accessories for air diffusion and heat recovery ventilation

# notes











## **FITT VENTILATION SOLUTIONS**

This is the business area of the FITT Group that develops professional solutions, manufacturing complete HRV (Heat Recovery Ventilation) and air distribution systems for the air quality of residential environments, for energy saving and the comfort of people.

For more information:

### **AIRPLAST S.r.l. a sole shareholder company**

Head Office: Via Piave, 8 – 36066 Sandrigo (VI), Italy

Warehouse - Production: Via Aldo Moro, 10 – 36060 Pianezze (VI), Italy

Tel: +39 0424-1909736 | [airplast.it](http://airplast.it)

**Airplast S.r.l. is a company of the FITT Group**