EDITION 2025/1

PRODMAX

Heat recovery system

TECHNICAL CATALOGUE

COMPREHENSIVE MECHANICAL VENTILATION SYSTEM

Contents


PRODMAX

About us

Prodmax - the Polish leader in complete mechanical ventilation and heat recovery systems – is a company with a rich history and a strong commitment to innovation.

Our business started in 1994, when we specialised in the production of automotive accessories. Thanks to the constant development and expansion of our range of Aluflex flexible aluminium tubes, we have become one of the leading manufacturers on the Polish market. Today, our range includes advanced ventilation and heat recovery systems that significantly improve air quality in residential and commercial buildings.

Our team of experts is constantly working on developing the technology to make our products even more efficient and environmentally friendly. Prodmax offers a comprehensive service, including expert technical advice and after-sales service, making us a trustworthy partner.

Our factory in Żuromin, equipped with state-of-the-art machinery, is where our innovative solutions that meet the highest quality standards are created. We also have state-of-the-art warehouses from which we quickly and efficiently deliver our products throughout Poland and to many European countries.

We encourage you to take a look at our full portfolio of products and services and start working with Prodmax - a company that combines experience with state-of-the-art technology and care for the environment.

Since its incorporation in 1994, the company has been characterized by

KNOWLEDGE
gained from practical experience

COURAGE
to make changes

INNOVATION
supported by market curiosity and a response to growing customer needs

FLEXIBILITY
with a focus on customers, manifested by openness, cooperation and commitment

What is the VENT-FLEX manifold ventilation system?

The VENT-FLEX system is the latest ventilation solution for houses, flats and small buildings. VENT-FLEX comprises flexible ducts, a plenum box, and distribution boxes, with which a mechanical ventilation system can be made quickly and efficiently in compliance with all EU building regulations. The main advantages of VENT-FLEX are the flexibility of the system and its small dimensions, which make it possible to install it in ceilings and walls.

Key benefits of the VENT-FLEX system:

- **Flexible during installation.**
- **Available in dn 50, 63, 75 and 90 mm sizes**
- **Easy installation –** without the need for special tools
- **Completely air-tight and durable**
- **Quiet and efficient**
- **No corrosion –** unlike in the case of conventional installations made of steel Spiro ducts, the VENT-FLEX SYSTEM eliminates the need to cut the ducts, for instance, with the use of an angle grinder during installation, which causes damage to the protective zinc coating layer, and subsequently corrosion in these places.
- **High system hygiene -** thanks to the antistatic and antibacterial coating of the duct, the VENT-FLEX system protects against the formation of fungi and mould, which has a significant impact on the quality of the air supplied to the building.
- **Quick and easy cleaning of the entire system -** it is possible to easily and effectively clean the system without the limitations of traditional systems such as protruding mounting screws and T-pieces, which very often prevent cleaning of the system or restrict access.
- **Low pressure losses -** a minimised number of fittings (T-pieces and elbows) that form flow resistance spots that significantly affect the performance and energy efficiency of the ventilation system.
- **Quick installation -** unlike a traditional system, thanks to the simplicity of installation and the minimal number of installed components, the VENT-FLEX system can be installed within 2-3 working days in a typical single-family house.

Recommendations for installing the VENT-FLEX system:

- The length of a single VENT-FLEX duct should not exceed 11 m, but greater lengths of up to 15 m are allowed provided that the duct is routed as straight as possible from the manifold.
- To minimise the sharp bend angles of the duct, ceiling plenum boxes should be installed at least 30 cm from walls, in the furthest possible corner of a room or above a window; avoid installation above, e.g., a bed.
- Insulate supply and extract ducts in unheated insulated rooms with a layer of wool at least 20 mm thick or with insulation material specifically designed for the purpose.
- Insulate supply and extract ducts in unheated uninsulated rooms with a layer of wool at least 100 mm thick or with insulation material specifically designed for the purpose.
- Insulate the air intake and exhaust, and insulate the supply air ducts if there is a cooling or heating device connected to the system, e.g. a ground heat exchanger, heater/cooler, etc.
- The max. temperature of the air flowing in the VENT-FLEX ducts should not exceed 80 °C.
- Air intakes and exhausts should be protected from precipitation and wind and installed at a distance of at least 8 m from streets and at a height of at least 2 m from the ground.
- When installing a mechanical ventilation system, be sure to leave access to the regulating and control elements.
- The location of the air handling unit should allow trouble-free access for maintenance.

Selection and design rules for the VENT-FLEX ventilation system

Always fresh air in your home?

Ventilation air flows should be designed in accordance with the **PN-83/B/-03430/Az3:2000** standard, which clearly defines the principles for the change of supply and exhaust air in individual rooms. Adherence to this standard will make it possible to adapt to the needs of each user. To further improve comfort, it is recommended to make the design in accordance with the values given in the table below:

What does the PN-83/B/03430/Az:2000 standard say? - i.e. how much air do you need to keep your home supplied with fresh air?

Room type and purpose	Standard values		Recommended values
	Supply air flow	Exhaust air flow	Air change rate or air flow
	Use the higher value from columns A and B		
	[m³/h]	[m³/h]	[l/h]
Closed kitchen, equipped with a gas cooker	70	70	2
Open kitchen, equipped with a gas cooker	-	70	2
Open kitchen, equipped with an electric cooker	-	50	2
Bathroom	-	50	2 to 3
Toilet (without a bath or shower)	-	30	2 to 3
Rooms such as a vestibule and ancillary rooms such as a dressing room	-	15	1
Staircase	-	-	minimum 50 m³/h
Laundry/clothes drying room	-	-	2
Living premises: room, living room, bedroom, study	20 / person	20 / person	1
Attic (if its intended use is not specified)	-	-	1
Garage, boiler room, technical room, utility room	gravity ventilation or other in accordance with specific regulations		

Example of correct air flow rate selection (for dn 75)

Floor-to-ceiling height (m)		2.6				
Name	Pow.	Kubatura	Nawiew	Wymiana	Wywiew	Wymiana
	[m²]	[m³]	[m³/h]	[1/h]	[m³/h]	[1/h]
Entrance enclosure	5.0	13.00	-	-	20	1.53
Toilet	4.0	10.40	-	-	40	3.84
Living room	35.0	91.00	130	1,43	-	-
Kitchen	11.0	28.60	-	-	70	2.44
Utility room	7.0	18.20	-	-	-	-
Bathroom	10.0	26.00	-	-	60	2.31
Bedroom	12.0	31.20	60	1,60	-	0-
Garage	30.0	78.00	-	-	-	-
Total:	**114.00**	**315.11**	**190**	-	**190**	-

PRODMAX Sp. z o.o.
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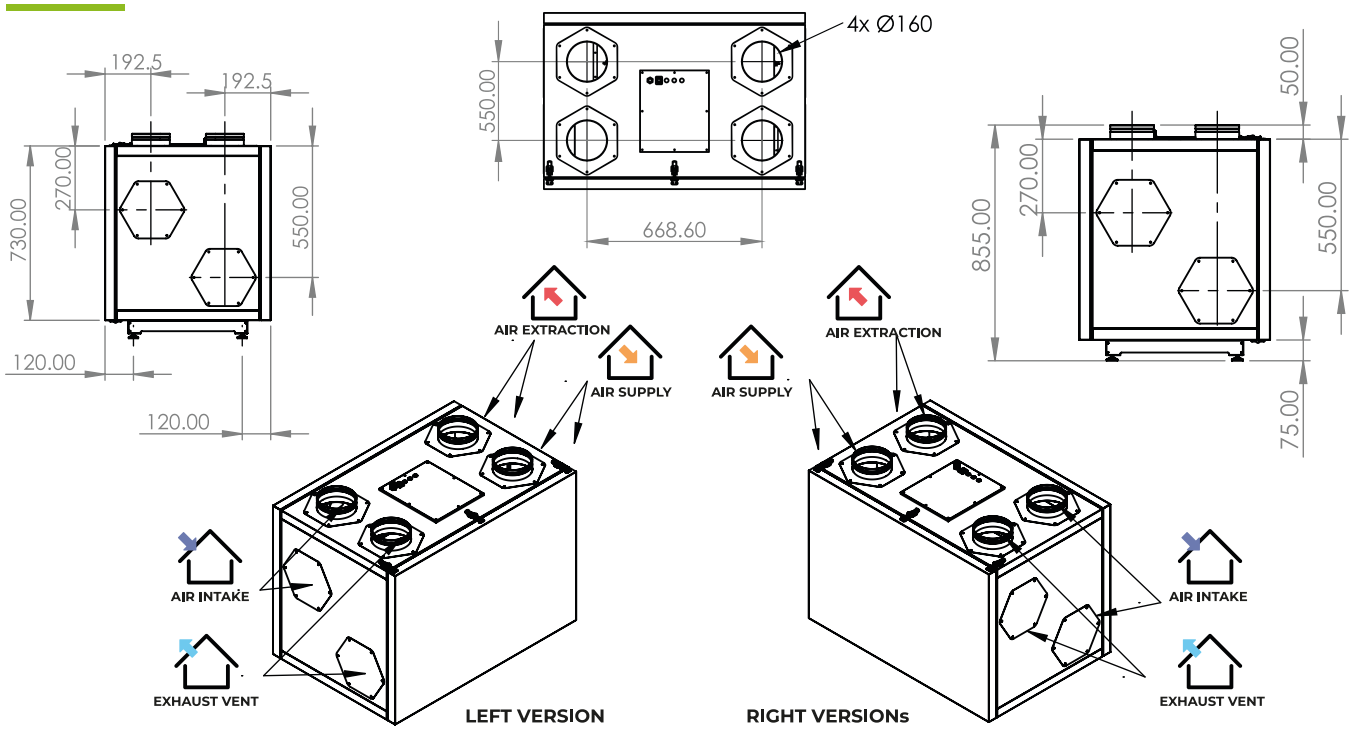
RECUPERATOR PRO MAX - R 400V/H

Device features

- Floor standing unit
- Possibility to change spigots - V or H version
- Choice of left- or right-hand version
- Rotary heat exchanger with the efficiency of up to 85%
- Energy-saving EC fans EBM-papst
- NANO COLOR module as standard
- Modulated secondary heater
- Structure made of galvanised sheet metal, powder-coated in white. Acoustic and thermal insulation consists of 40 mm thick mineral wool and other materials with thermal and acoustic insulating properties.
- Controlled via smartphone (Android, iOS)
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Possibility of using the CSF module - balanced air flow function (PREMIUM version)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)

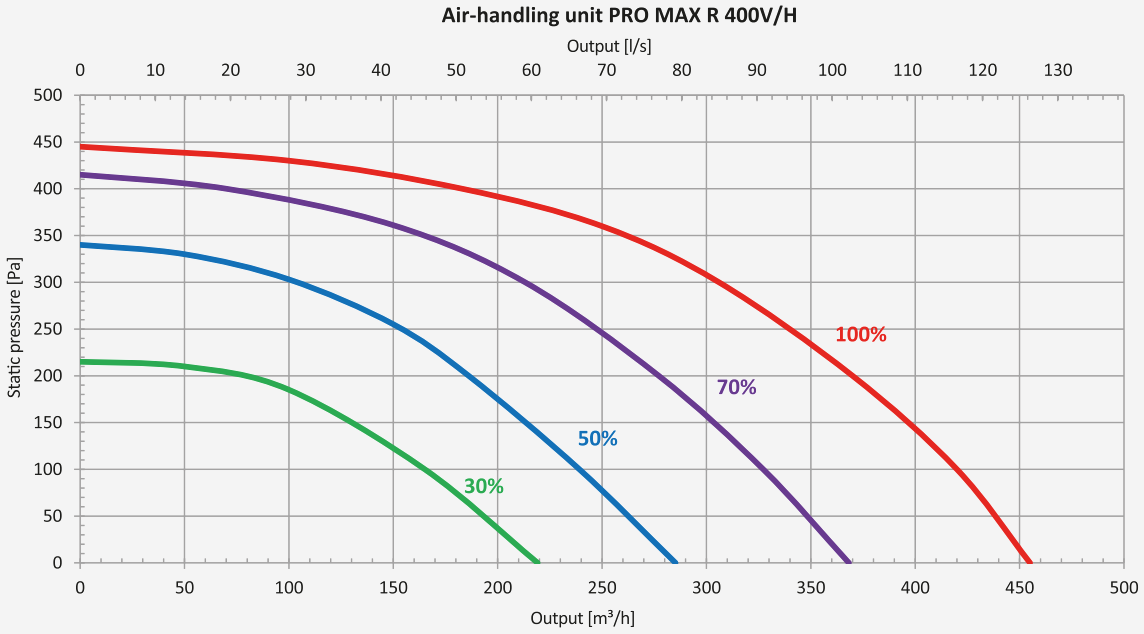
Technical drawing



RECUPERATOR PRO MAX - R 400V/H

Technical data

TECHNICAL INFORMATION	PRO MAX 400 R H/V CLASSIC	PRO MAX 400 R H/V PREMIUM
Supply voltage	230 V /50 Hz	
Fan	2 x with motor EC EBM-PAPST	
Maximum fan power	2 pcs.x 230W	
Maximum current consumption by fan	2 x 1,8 A	
Fan speed	2400 rpm	
Maximum discharge air temperature	-20 to +50 °C	
Heat exchanger type	working capital loan	
Maximum exchanger efficiency	85%	
Heat exchanger material	aluminium	
Housing material	galvanised steel / painted white	
Insulation	40 mm, rock wool	
Filter – air inlet	M5	
Filter – extracted air	G4	
Air spigots diameters	Ø160 mm	
Weight	107 kg	
Output at 100Pa	425 m3h	
Controller type	Aero 4	Aero 4
Room module	Nano colour	Nano colour
Dimensions [length x width x height]	1,030mm x 695mm x 730mm /(855mm)	1,030mm x 595mm x 730mm /(855mm)
Reheater power	2 kW	2 kW
Noise level	54 dB	54 dB
Energy rating	A	A
Internet module	Yes	Yes
CSF module	No	Yes



RECUPERATOR AIR EXPERT 400 V EPP

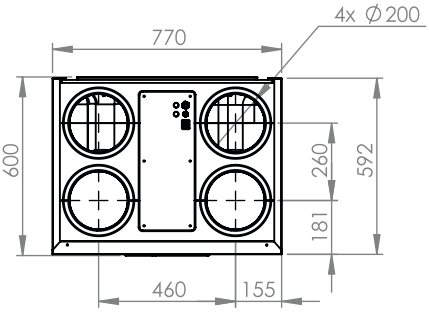
Device features

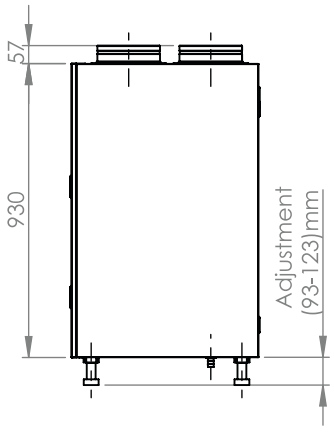
- Floor standing or wall-mounted unit (wall trim included)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans Zhiel-Abegg or EBM-PAPST
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Modulated pre-heater to prevent exchanger freezing (Classic and Premium versions)
- EPP (expanded polypropylene) design with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module (Classic and Premium versions)
- Fitted with G4 (extract) and M5 and F7 (supply) filters
- Use of a CSF module is possible - balanced air flow function
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

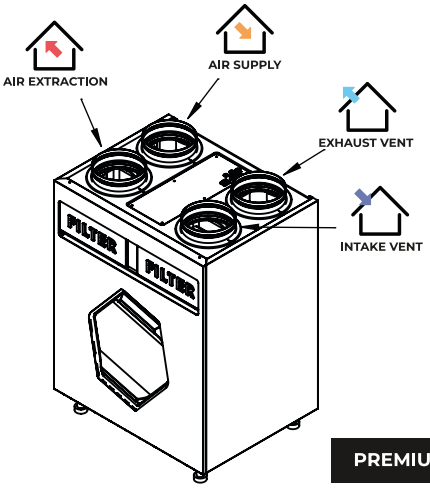
BASIC / CLASSIC

PREMIUM

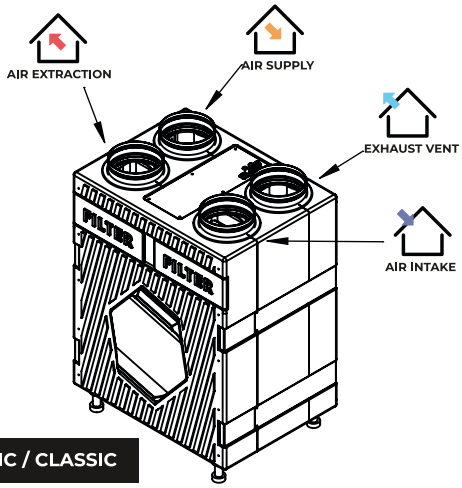
Technical drawing







PREMIUM

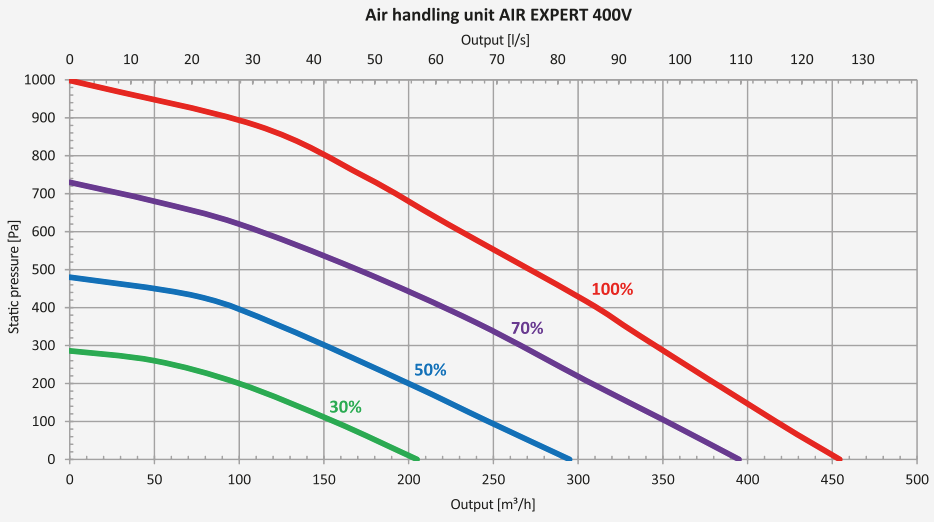


BASIC / CLASSIC

RECUPERATOR AIR EXPERT 400 V EPP

Technical data

TECHNICAL INFORMATION	AIR EXPERT 400 V BASIC	AIR EXPERT 400 V CLASSIC	AIR EXPERT 400 V PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor EBM-PAPST / ZHIEL-ABEGG		
Maximum fan power	2 pcs. x 170 W		
Maximum current consumption by fan	2 x 1.8 A		
Fan speed	3,950 rpm		
Maximum discharge air temperature	-20 do +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	EPP / painted steel		
Insulation	EPP		
Filter – air inlet	M5/F7		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	32 kg		
Output at 100Pa	430 m3/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	930 mm x 770 mm x 600 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	63 dB	63 dB	63 dB
Energy rating	A	A	A
Preheater current consumption	None	8,7 A	8,7 A
Total device power	-	2,35 kW	2,35 kW
Total current consumption	-	15,39 A	15,39 A
Bypass	None	Automatic	Automatic
Internet module	Optional	Yes	Yes
CSF module	Optional	Optional	Optional



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RECUPERATOR AIR EXPERT 600 V EPP

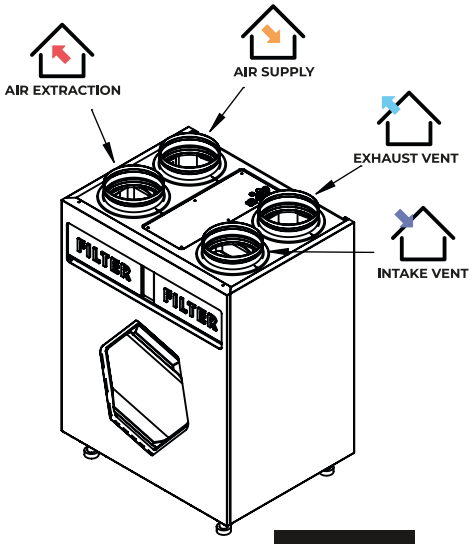
Device features

- Floor standing or wall-mounted unit (wall trim included)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient fans EBM-PAPST
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Modulated pre-heater to prevent exchanger freezing (Classic and Premium versions)
- EPP (expanded polypropylene) design with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 and F7 (supply) filters
- Use of a CSF module is possible - balanced air flow function
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

BASIC / CLASSIC

PREMIUM

Technical drawing



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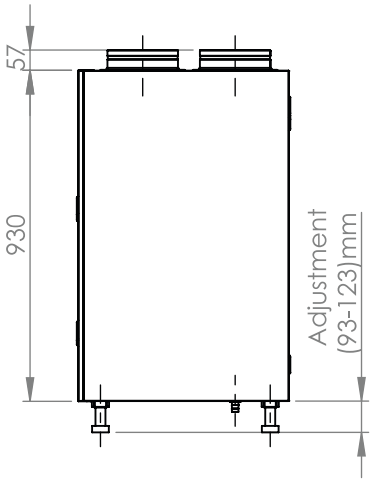
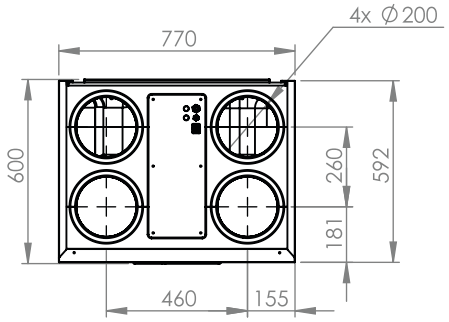
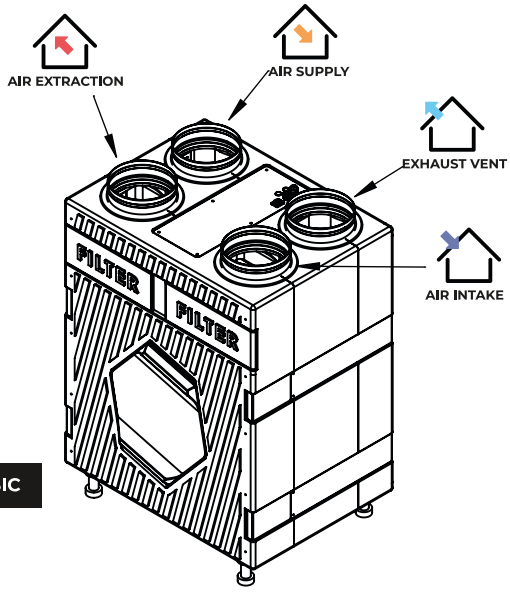




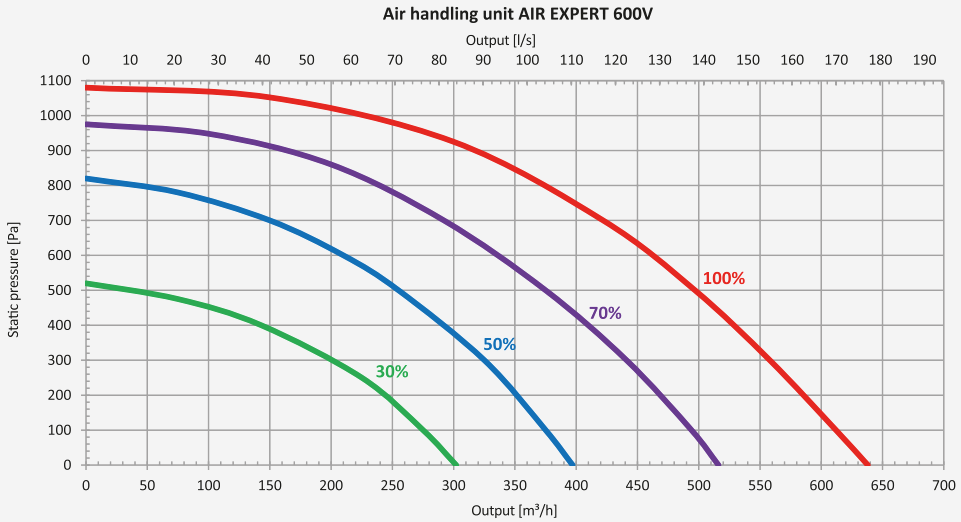


BASIC / CLASSIC

RECUPERATOR AIR EXPERT 600 V EPP

Technical data

INFORMACJE TECHNICZNE	AIR EXPERT 600 V BASIC	AIR EXPERT 600 V CLASSIC	AIR EXPERT 600 V PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor EBM-PAPST		
Maximum fan power	2 pcs. x 170 W		
Maximum current consumption by fan	2 x 1.8 A		
Fan speed	3950 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	EPP / painted steel		
Insulation	EPP		
Filter – air inlet	M5/F7		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	32 kg		
Output at 100Pa	600 m3/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	930 mm x 770 mm x 600 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	65 dB	65 dB	65 dB
Energy rating	A	A	A
Preheater current consumption	None	8.7 A	8.7 A
Total device power	-	2.35kW	2.35kW
Total current consumption	-	15.39 A	15.39 A
Bypass	None	Automatic	Automatic
Internet module	Optional	Yes	Yes
CSF module	Optional	Optional	Optional



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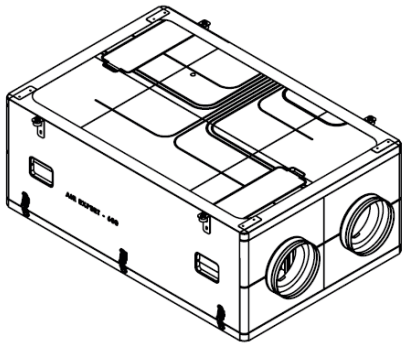
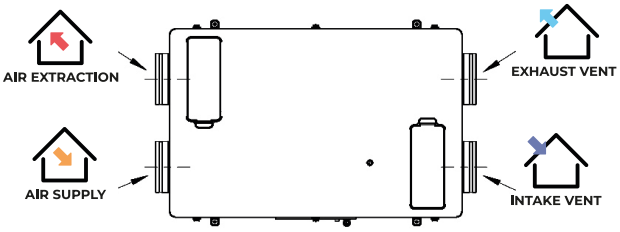
RECUPERATOR AIR EXPERT 400 H EPP

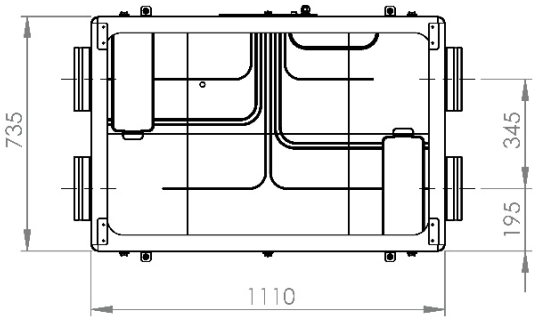
Device features

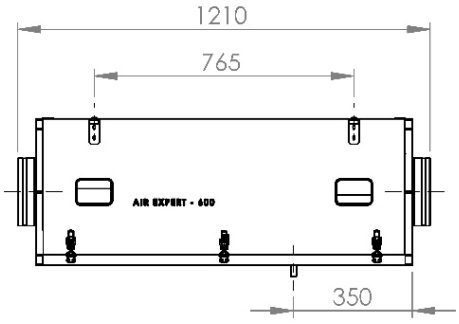
- Suspended ceiling-mounted unit
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans Zhiel-Abegg
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Modulated pre-heater to prevent exchanger freezing (Classic and Premium versions)
- EPP (expanded polypropylene) design with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Use of a CSF module is possible - balanced air flow function
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

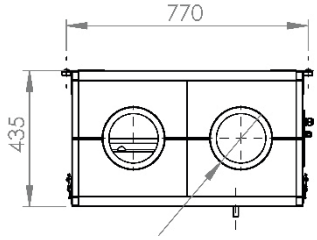


Technical drawing









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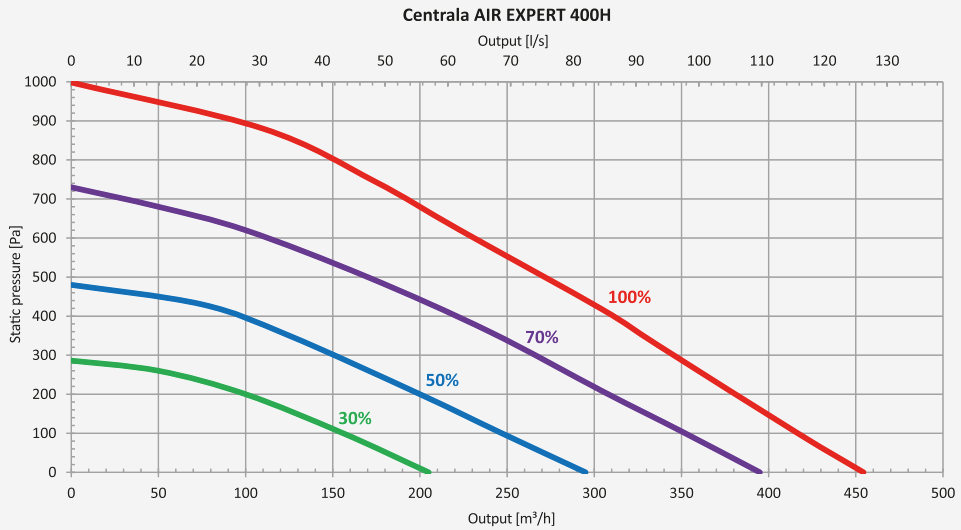
RECUPERATOR AIR EXPERT 400 H EPP

Technical data

TECHNICAL INFORMATION	AIR EXPERT 400 H BASIC	AIR EXPERT 400 H CLASSIC	AIR EXPERT 400 H PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor Zhiel-Abegg		
Maximum fan power	2 pcs. x 170 W		
Maximum current consumption by fan	2 x 1,8 A		
Fan speed	4000 rpm		
Maximum discharge air temperature	-20 to +50°C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	polystyrene		
Housing material	EPP / painted steel		
Insulation	EPP		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø160 mm		
Weight	45 kg		
Output at 100Pa	420 m3/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	1,210 mm × 735 mm × 435 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	55 dB	55 dB	55 dB
Energy rating	A	A	A
Preheater current consumption	None	13 A	13 A
Total device power	-	2.34 kW	2.34 kW
Total current consumption	-	15 A	15 A
Bypass	None	Automatic	Automatic
Internet module	Optional	Yes	Yes
CSF module	Optional	Optional	Optional



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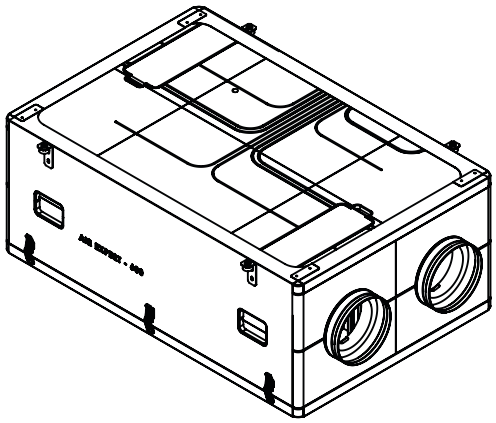
RECUPERATOR AIR EXPERT 600 H EPP

Device features

- Suspended ceiling-mounted unit
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-saving EC fans EBM-papst
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Modulated pre-heater to prevent exchanger freezing (Classic and Premium versions)
- EPP (expanded polypropylene) design with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Use of a CSF module is possible - balanced air flow function
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and
- ACS-1 (measuring CO2 and PM2.5 and PM10)
  Cleanable heat exchanger



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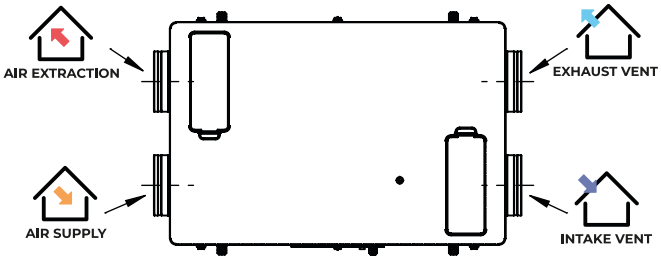
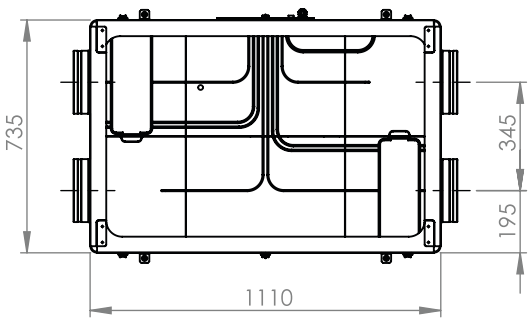
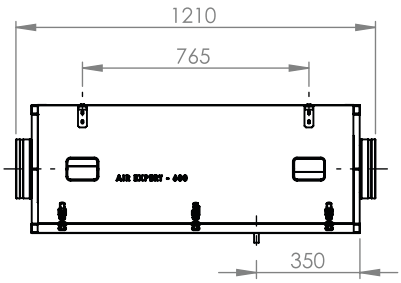
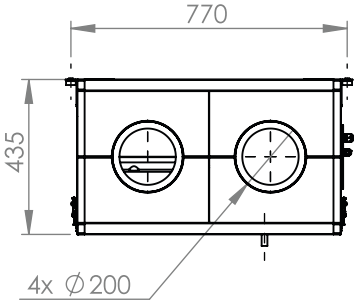




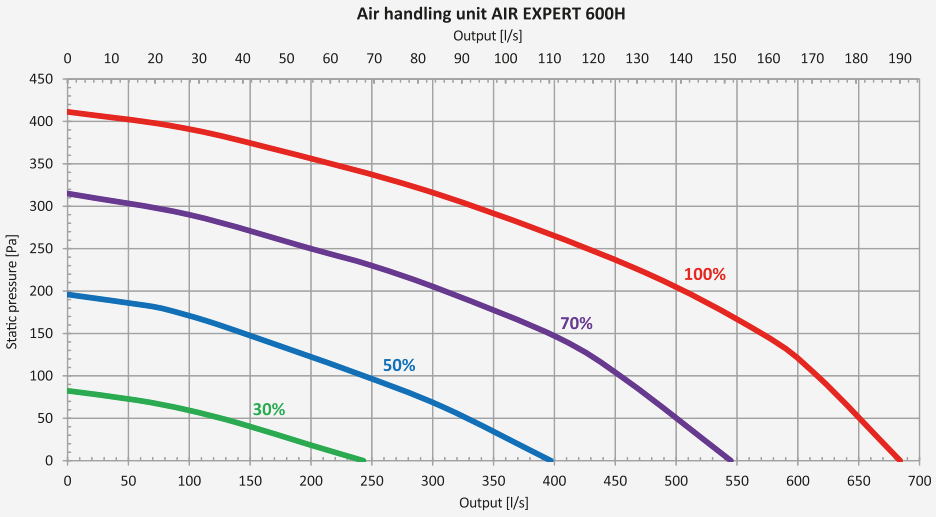




RECUPERATOR AIR EXPERT 600 H EPP

Technical data

TECHNICAL INFORMATION	AIR EXPERT 600 H BASIC	AIR EXPERT 600 H CLASSIC	AIR EXPERT 600 H PREMIUM
Supply voltage	230V / 50 Hz		
Fan	2 x radial with EC motor EBM-PAPST		
Maximum fan power	2 pcs. x 230 W		
Maximum current consumption by fan	2 x 1.8 A		
Fan speed	2400 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchange	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	EPP / painted steel		
Insulation	EPP		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	45 kg		
Output at 100Pa	615 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	1210 mm × 735 mm × 435 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	45 dB	45 dB	45 dB
Energy rating	A	A	A
Preheater current consumption	None	13 A	13 A
Total device power	-	2.34 kW	2.34 kW
Total current consumption	-	15 A	15 A
Bypass	None	Automatic	Automatic
Internet module	Optional	Yes	Yes
CSF module	Optional	Optional	Optional

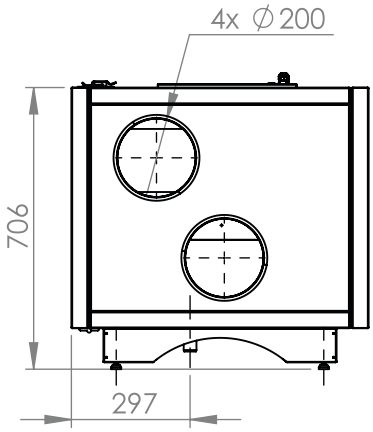


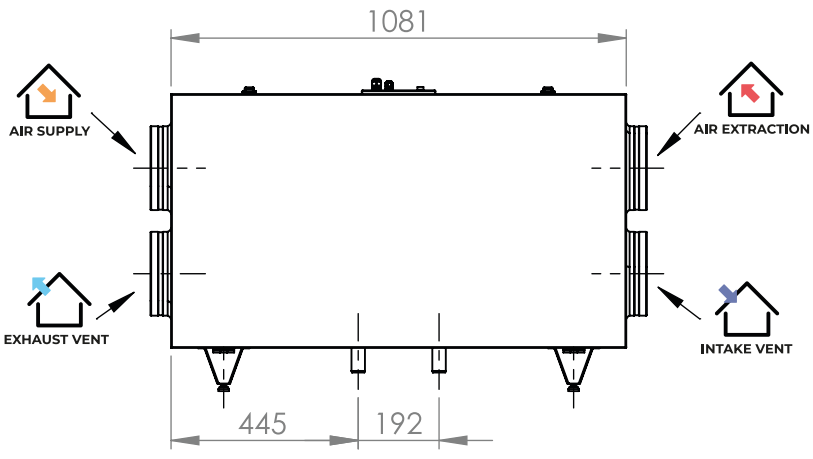
RECUPERATOR PRO MAX 400 H

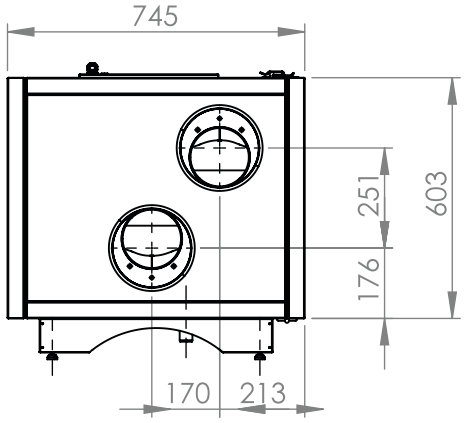
Device features

- Floor-standing or wall-mounted unit (bracket to be purchased separately)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans AFL
- Automatic by-pass 100%
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Pre-heater to prevent exchanger freezing (Classic and Premium versions)
- Structure made of galvanised sheet metal, powder-coated in white; insulation made of 40 mm thick mineral wool with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

Technical drawing





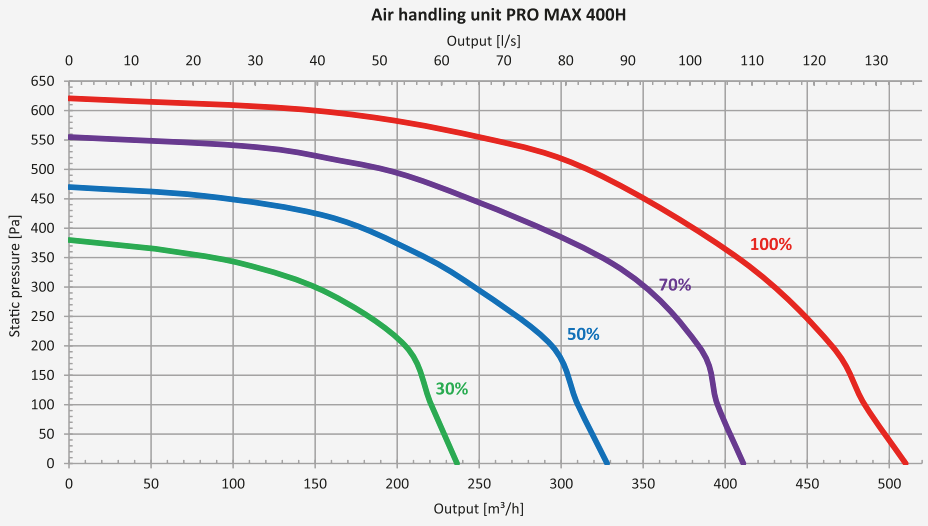


PRODMAX Sp. z o.o.
05-806 Sokołów, ul. Sokołowska 38, NIP 534 265 81 07

RECUPERATOR PRO MAX 400 H

Technical data

INFORMACJE TECHNICZNE	PRO MAX 400 H BASIC	PRO MAX 400 H CLASSIC	PRO MAX 400 H PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial fan with EC motor AFL		
Maximum fan power	2 pcs. x 120 W		
Maximum current consumption by fan	2x0,86 A		
Fan speed	1900 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	galvanised painted steel		
Insulation	Mineral Wool 40mm		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	94 kg		
Output at 100Pa	485 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	1081 mm x 745mm x 706 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	41 dB	41 dB	41 dB
Energy rating	A	A	A
Preheater current consumption	13 A	13 A	13 A
Total device power	-	3.3 kW	3.3 kW
Total current consumption	-	14.5 A	14.5 A
Bypass	Automatic	Automatic	Automatic
Internet module	Optional	Yes	Yes



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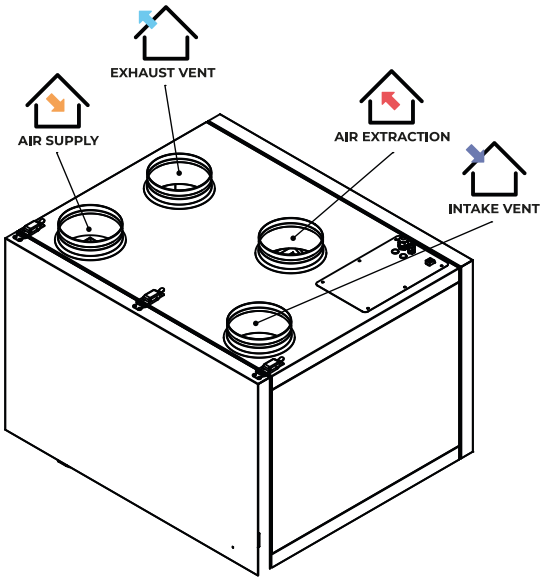
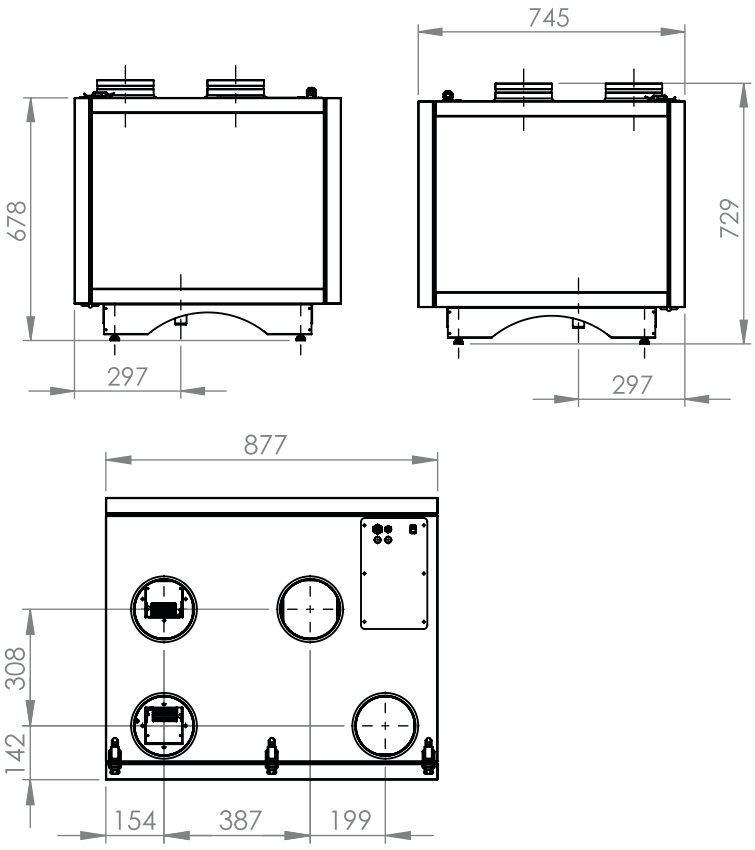
RECUPERATOR PRO MAX 400 V

Device features

- Floor-standing or wall-mounted unit (bracket to be purchased separately)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans AFL
- Automatic by-pass 100%
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Pre-heater to prevent the exchanger from freezing. Structure made of galvanised sheet metal, powder-coated in white, insulation made of 40 mm thick mineral wool with excellent acoustic and thermal properties (Classic and Premium versions)
  Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

Technical drawing

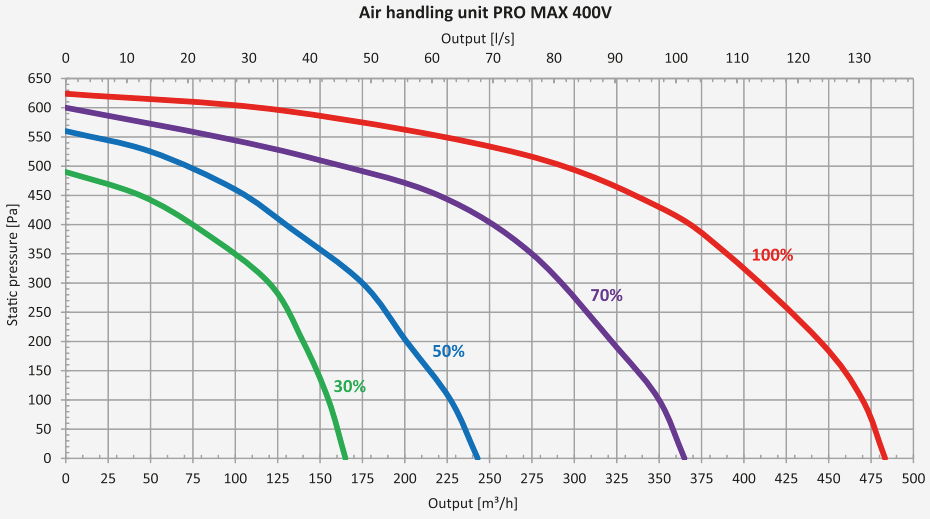




RECUPERATOR PRO MAX 400 V

Technical data

INFORMACJE TECHNICZNE	PRO MAX 400 V BASIC	PRO MAX 400 V CLASSIC	PRO MAX 400 V PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial fan with EC motor AFL		
Maximum fan power	2 pcs. x 120 W		
Maximum current consumption by fan	2x0,86A		
Fan speed	1,900 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	galvanised painted steel		
Insulation	Mineral Wool 40mm		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø160 mm		
Weight	68 kg		
Output at 100Pa	470 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	877 mm x 745 mm x 729 mm		
Preheat coil power	None	2 kW	2 kW
Noise level	41 dB	41 dB	41 dB
Energy rating	A	A	A
Preheater current consumption	13 A	13 A	13 A
Total device power	-	3.3 kW	3.3 kW
Total current consumption	-	14.5 A	14.5 A
Bypass	Automatic	Automatic	Automatic
Internet module	Optional	Yes	Yes



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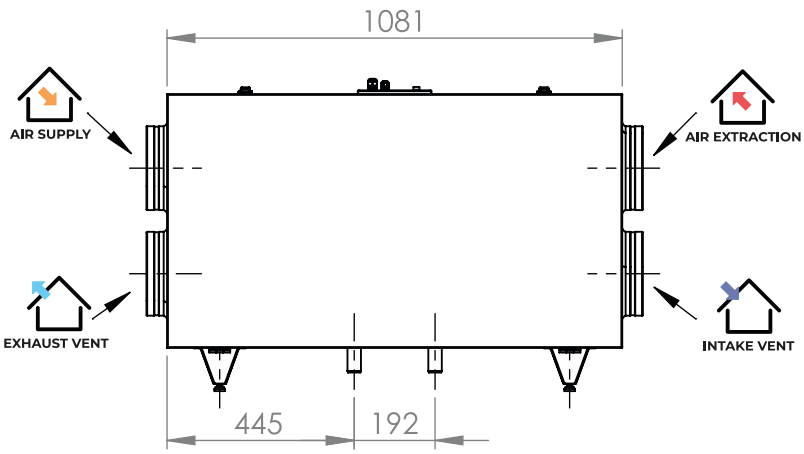
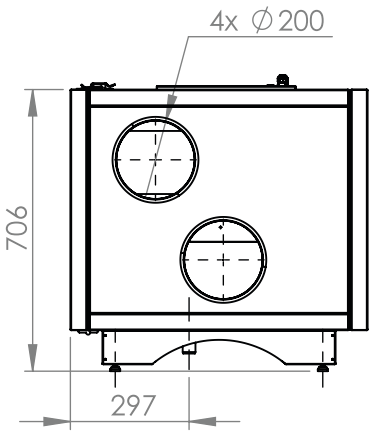
RECUPERATOR PRO MAX 600 H

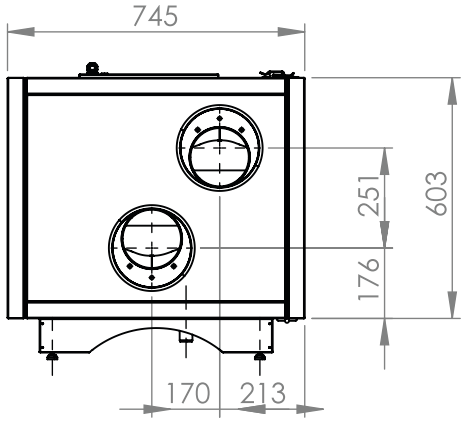
Device features

- Floor-standing or wall-mounted unit (bracket to be purchased separately)
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-saving EC fans EBM-papst
- Automatic by-pass 100%
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Pre-heater to prevent exchanger freezing (Classic and Premium versions)
- Structure made of galvanised sheet metal, powder-coated in white; insulation made of 40 mm thick mineral wool with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring
- CO2 and PM2.5 and PM10)
  Cleanable heat exchanger

Technical drawing



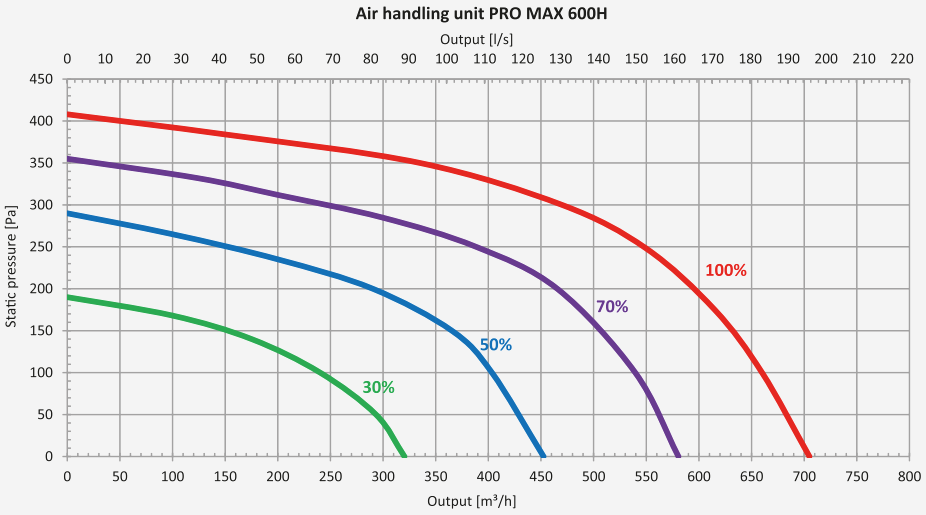




RECUPERATOR PRO MAX 600 H

Technical data

INFORMACJE TECHNICZNE	PRO MAX 600 H BASIC	PRO MAX 600 H CLASSIC	PRO MAX 600 H PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor EBM-PAPST		
Maximum fan power	2 pcs. x 230 W		
Maximum current consumption by fan	2x1,8A		
Fan speed	2400 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	Polystyrene		
Housing material	galvanised painted steel		
Insulation	Mineral Wool 40mm		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø200 mm		
Weight	93 kg		
Output at 100Pa	655 m3/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	1081 mm x 745 mm x 706 mm		
Preheat coil power	None	1.7 kW	1.7 kW
Noise level	41 dB	41 dB	41 dB
Energy rating	A	A	A
Preheater current consumption	-	7.4 A	7.4 A
Total device power	-	2.16 kW	2.16 kW
Total current consumption	-	9.4 A	9.4 A
Bypass	Automatic	Automatic	Automatic
Internet module	Optional	Yes	Yes



PRODMAX Sp. z o.o.
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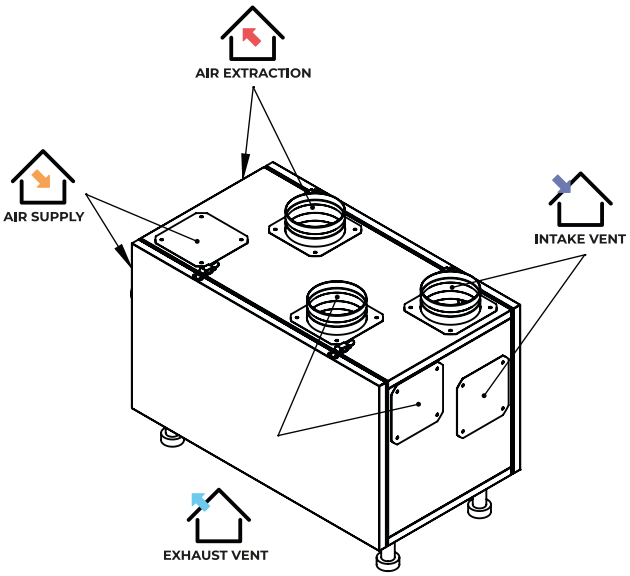
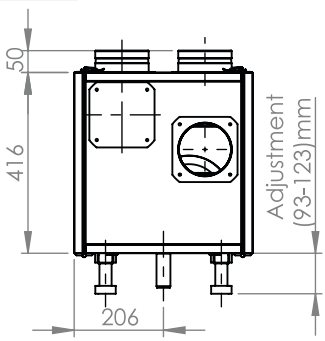
RECUPERATOR PRO MINI 300 V/H

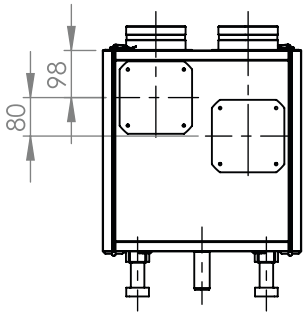
Device features

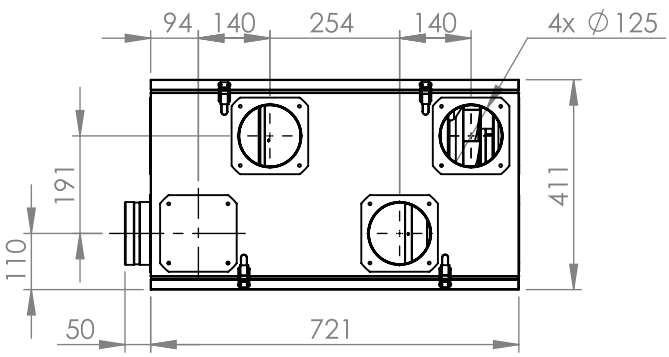
- Floor-standing or wall-mounted unit (bracket to be purchased separately)
- Universal installation - left- or right-handed
- Possibility to change spigots - H/V version
- Cross-flow heat exchanger with up to 98% efficiency (Basic or Classic) or enthalpy heat exchanger with up to 85% efficiency (Premium version)
- Energy-efficient EC fans Zhiel-Abegg
- Automatic by-pass 100% (Classic and Premium versions)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Pre-heater to prevent exchanger freezing (Classic and Premium versions) Structure made of galvanised sheet metal, powder-coated in white;
- insulation made of 19 mm thick mineral wool with excellent acoustic and thermal properties
- Control via smartphone (Android, iOS) - necessarily with iNEXT module (PREMIUM version)
- Fitted with G4 (extract) and M5 (supply) filters
- Possibility of using a higher filter class - F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)
- Cleanable heat exchanger

Technical drawing





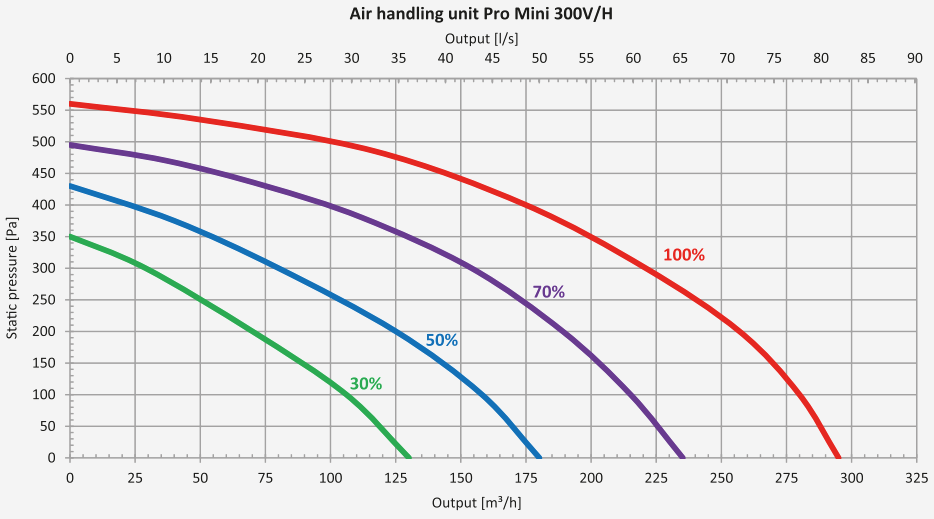




RECUPERATOR PRO MINI 300 V/H

Technical data

INFORMACJE TECHNICZNE	PRO MINI 300 V/H BASIC	PRO MINI 300 V/H CLASSIC	PRO MINI 300 V/H PREMIUM
Supply voltage	230 V / 50 Hz		
Fan	2 x radial with EC motor Zhiel-Abegg		
Maximum fan power	2 pcs. x 170 W		
Maximum current consumption by fan	2x1,75 A		
Fan speed	4000 rpm		
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	Cross-flow plate heat exchanger	Cross-flow plate heat exchanger	energy recovery ventilator
Maximum exchanger efficiency	up to 98%		
Heat exchanger material	aluminium		
Housing material	galvanised painted steel		
Insulation	wełna mineralna 19mm		
Filter – air inlet	M5		
Filter – extracted air	G4		
Air spigots diameters	Ø125 mm		
Weight	28 kg		
Output at 100Pa	280 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	721 mm x 411 mm x 559 mm		
Preheat coil power	None	0.5 kW	0.5 kW
Noise level	52 dB	52 dB	52 dB
Energy rating	A	A	A
Preheater current consumption	None	2.17 A	2.17 A
Total device power	-	0.84 kW	0.84 kW
Total current consumption	-	3.8 A	3.8 A
Bypass	Manual	Automatic	Automatic
Internet module	Optional	Optional	YES



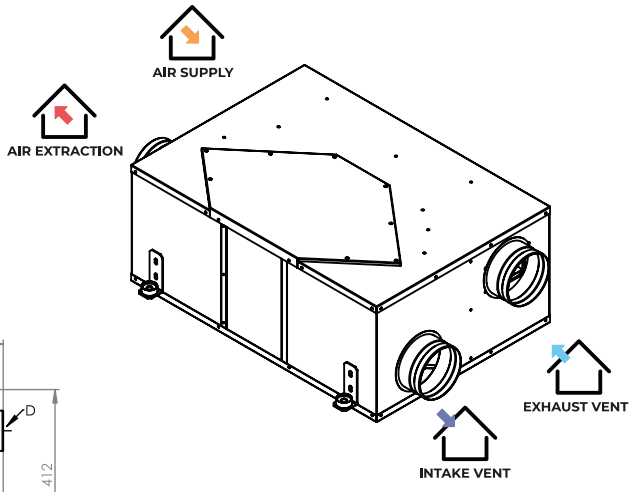
RECUPERATOR HEKO 250

Device features

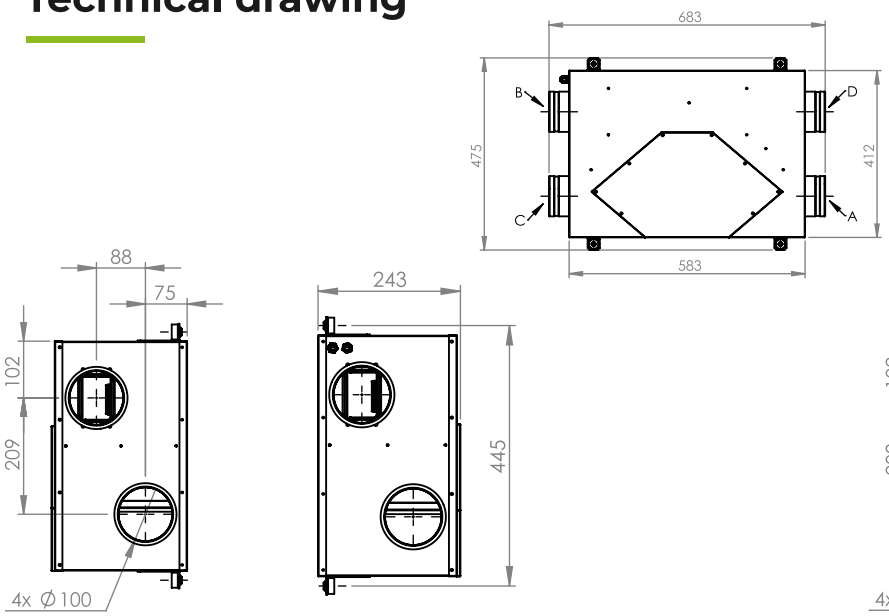
- Suspended ceiling-mounted unit
- Enthalpy heat exchanger with the efficiency of up to 85%
- Energy-efficient EC fans AFL (Basic and Classic versions) and Zhiel-Abegg (Premium version)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Possibility to connect a primary or secondary duct heater
- Structure made of sheet metal, galvanised (Basic and Classic versions) or powder-coated white (Premium version), insulation made of 6 mm thick rubber matting with excellent acoustic and thermal properties
- Fitted with G4 filters (exhaust and supply)
- Possibility of using a higher filter class - M5 or F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)

PREMIUM

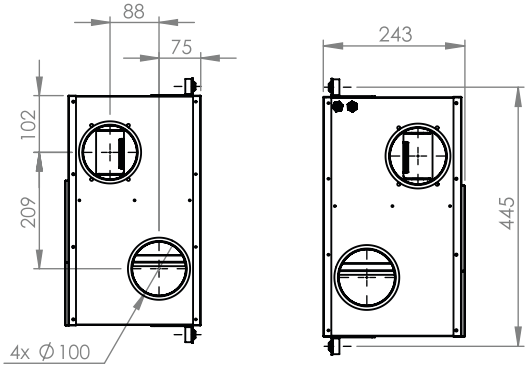
BASIC / CLASSIC



Technical drawing



BASIC / CLASSIC

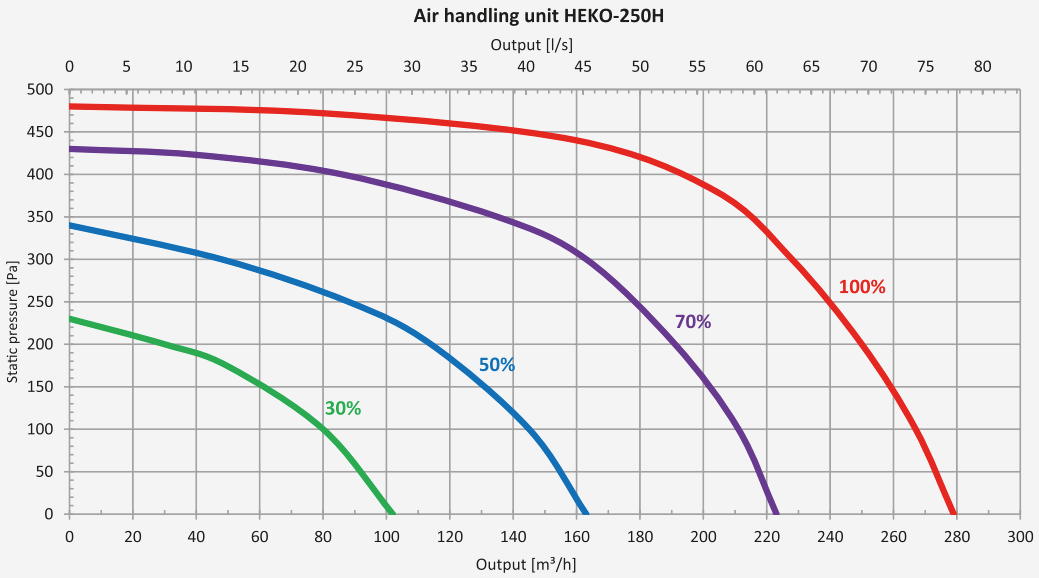


PREMIUM

RECUPERATOR HEKO 250

Technical data

INFORMACJE TECHNICZNE	HEKO 250 BASIC	HEKO 250 CLASSIC	HEKO 250 PREMIUM
Supply voltage	230V / 50 Hz		
Fan	2 x radial fan with EC motor AFL		2 x radial with EC motor Zhiel-Abegg
Maximum fan power	2 pcs. x 25 W		2 pcs. x 90 W
Maximum current consumption by fan	2x0,2A		2x0,39A
Fan speed	1,550 rpm		4,230 rpm
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	energy recovery ventilator		
Maximum exchanger efficiency	up to 90%		
Heat exchanger material	Polystyrene		
Housing material	galvanised steel		galvanised painted steel
Insulation	6 mm rubber mat		
Filter – air inlet	G4		
Filter – extracted air	G4		
Air spigots diameters	Ø100 mm		
Weight	16.3 kg		
Output at 100Pa	270 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	683 mm x 243 mm x 475mm		
Preheat coil power	None		
Noise level	42 dB	42 dB	42 dB
Energy rating	A	A	A
Total device power	0.05 kW	0.18 kW	0.18 kW
Total current consumption	0.4 A	0.8 A	0.8 A



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RECUPERATOR VEKO 250

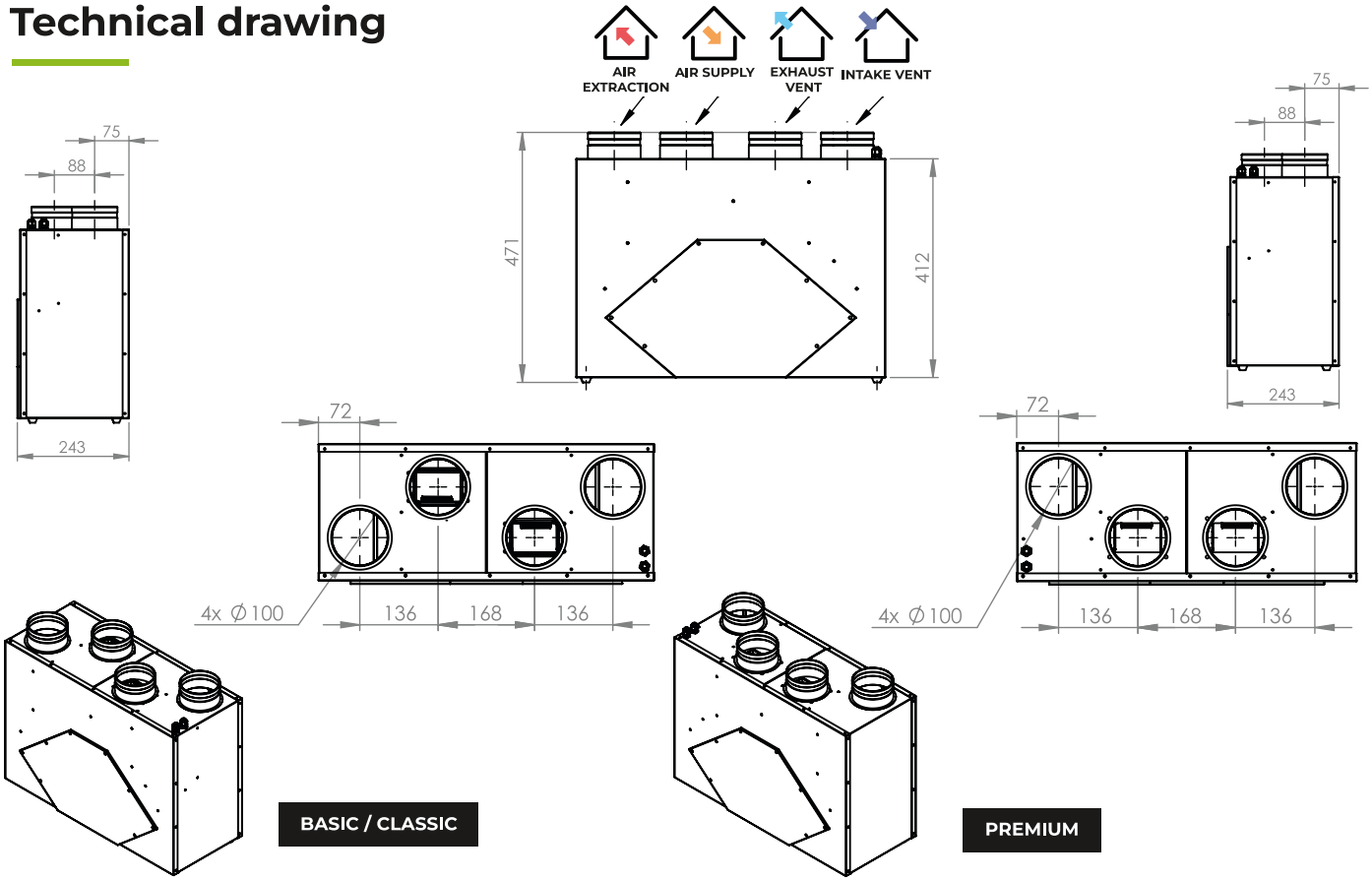
Device features

- Floor-standing or wall-mounted unit (bracket to be purchased separately)
- Enthalpy heat exchanger with the efficiency of up to 85%
- Energy-efficient EC fans AFL (Basic and Classic versions) and Zhiel-Abegg (Premium version)
- Room module NANO ONE (Basic version) or NANO COLOR (Classic and Premium version) as standard
- Possibility to connect a primary or secondary duct heater
- Structure made of sheet metal, galvanised (Basic and Classic versions) or powder-coated white (Premium version), insulation made of 6 mm thick rubber matting with excellent acoustic and thermal properties
- Fitted with G4 filters (exhaust and supply)
- Possibility of using a higher filter class - M5 or F7 (optional)
- Can be combined with sensors: SHC (measuring CO2 concentration in rooms), SHK (measuring humidity and temperature in the ventilation duct), SHW (measuring humidity in rooms) and ACS-1 (measuring CO2 and PM2.5 and PM10)

BASIC / CLASSIC

PREMIUM

Technical drawing



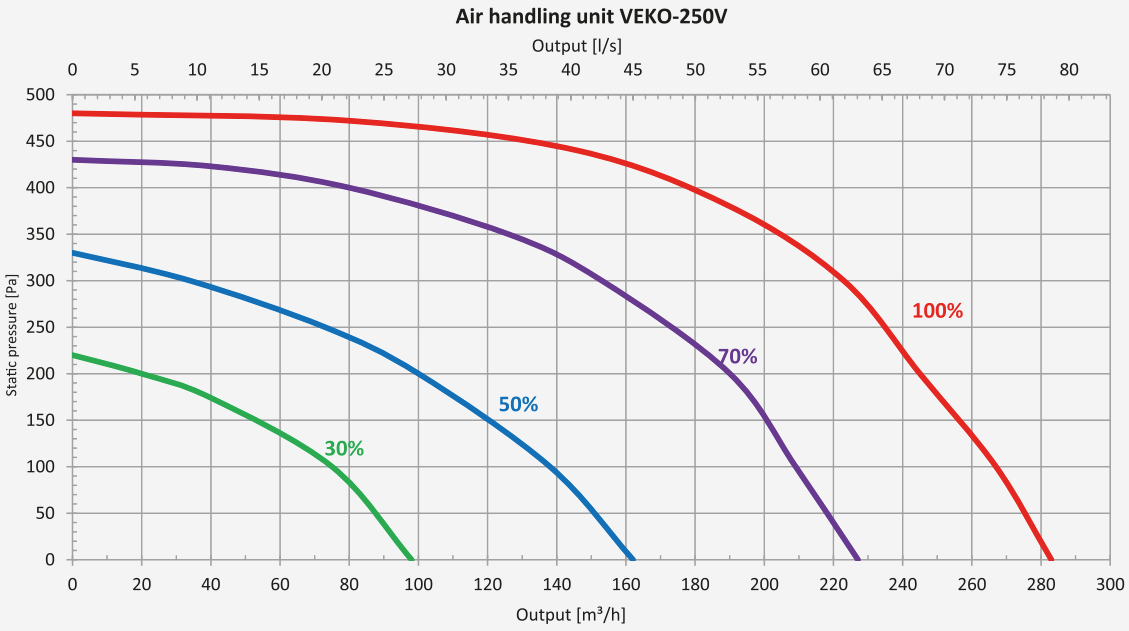
BASIC / CLASSIC

PREMIUM

RECUPERATOR VEKO 250

Technical data

INFORMACJE TECHNICZNE	VEKO 250 BASIC	VEKO 250 CLASSIC	VEKO 250 PREMIUM
Supply voltage	230V / 50 Hz		
Fan	2 x radial fan with EC motor AFL		2 x radial with EC motor Zhiel-Abegg
Maximum fan power	2 pcs. x 25 W		2 pcs. x 90 W
Maximum current consumption by fan	2x0,2 A		2x0,39A
Fan speed	1,550 $^{-1}$		4,230 $^{-1}$
Maximum discharge air temperature	-20 to +50 °C		
Heat exchanger type	energy recovery ventilator		
Maximum exchanger efficiency	up to 90%		
Heat exchanger material	Polystyrene		
Housing material	galvanised steel		galvanised painted steel
Insulation	6 mm rubber mat		
Filter – air inlet	G4		
Filter – extracted air	G4		
Air spigots diameters	Ø100 mm		
Weight	16.3 kg		
Output at 100Pa	270 m³/h		
Controller type	Aero 4	Aero 4	Aero 4
Room module	Nano one	Nano colour	Nano colour
Dimensions [length x width x height]	583 mm x 243 mm x 471 mm		
Preheat coil power	None		
Noise level	42 dB	42 dB	42 dB
Energy rating	A	A	A
Total device power	0.05 kW	0.05 kW	0.18 kW
Total current consumption	0.4 A	0.4 A	0.8 A



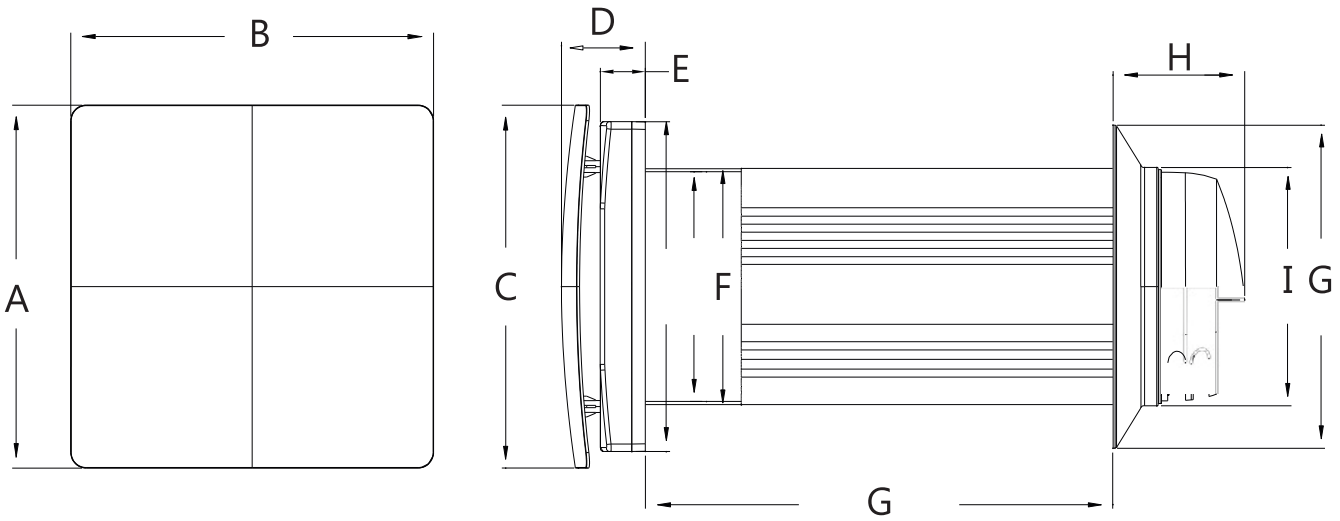
AIRSAVER

Device features

- A ventilation unit with heat recovery that also reduces heat loss, installed in the building wall
- Accumulating ceramic heat exchanger - efficiency of up to 90%
- Energy-efficient EC motor
- Energy class A
- External air intake to prevent water entering the building
- Telescopic ventilation duct for different wall thickness values
- G4 filter
- Control via wireless remote control
- Control possible via smartphone app (Android, iOS)
- Multiple devices can be paired thanks to automatic wireless communication
- Operation in 4 modes (Supply air / Exhaust air / Cyclic (supply 65 s - exhaust 65 s / Night (silent))

AirSaver technical drawing

Index	A	B	C	D	E	F	G	H	I	G
VT125-MS	245	245	245	63.3	43.5	125	320-500	86	119	183
VT501-MS	242	242	242	56	30.1	157.6	250-500	87.87	159	215.5



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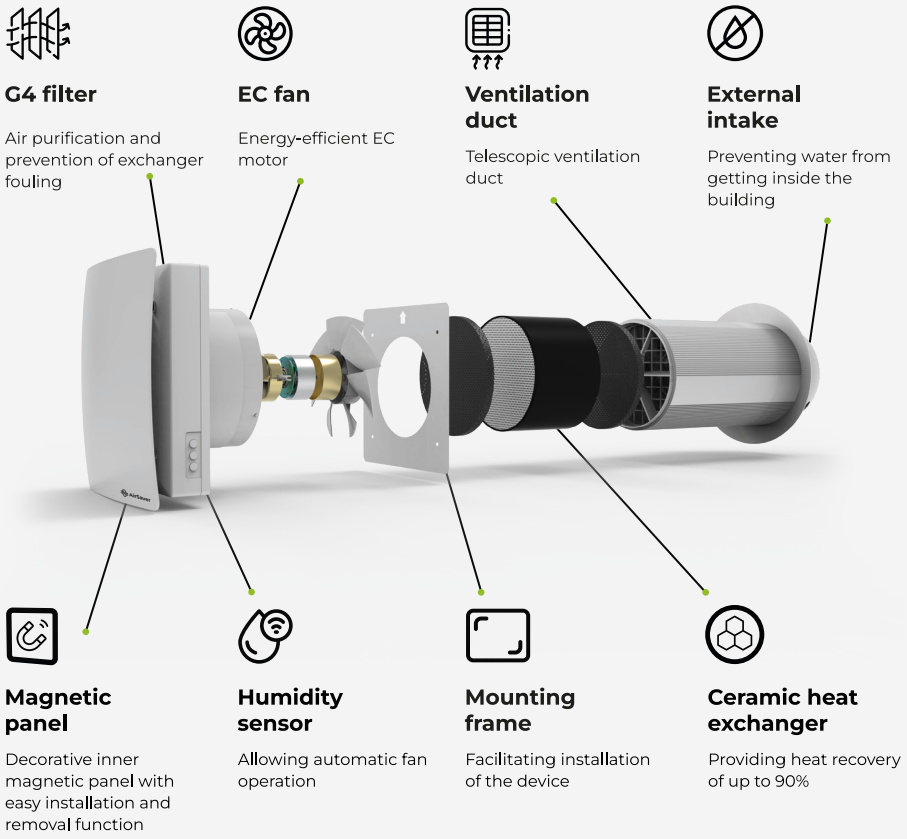
AIRSAVER

Main functions



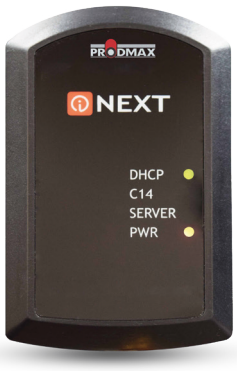
Technical data

	SPECIFICATION										
Model	**Duct diameter**	**Operating mode**	**Supply voltage**	**Fan power**	**Fan speed**	**Efficiency**	**Noise level**	**Exchanger efficiency**	**Energy rating**	**Air temperature**	**Weight**
VT 501-MS	160 mm	**NIGHT**	100 ~ 240V 50/60Hz	**1.6 W**	800 (rpm)	20 m3/h	13 dB	up to 90%	A	from -20°C to +50°C	5.5 kg
		I		**1.8 W**	1,000 (rpm)	48 m3/h	22 dB				
		II		**3.9 W**	1,600 (rpm)	54 m3/h	25 dB				
		III		**7 W**	2,200 (rpm)	60 m3/h	33 dB				
VT 125-MS	125 mm	**NIGHT**	100 ~ 240V 50/60Hz	**5.5 W**	995 (rpm)	20 m3/h	13 dB	up to 90%	A	from -20°C to +50°C	4.5 kg
		I		**5.8 W**	1,475 (rpm)	30 m3/h	19 dB				
		II		**7.3 W**	2,085 (rpm)	45 m3/h	25 dB				
		III		**9.5 W**	2,535 (rpm)	60 m3/h	33 dB				

Additional accessories

Internet module

iNEXT is a web-based remote access system for air handling units. The main functionality of the iNEXT system is the ability to remotely control different types of controllers to: - check current settings
- read measurement data
- modify the controller settings
- perform remote configuration and service
To ensure communication with the Internet, it is necessary to connect to an access device that has an Ethernet connection - such as a router or mobile network modem. The website requires a computer or other device with Internet access that supports a web browser with Websocket support, such as Mozilla Firefox, Google Chrome, Opera or Apple Safari. The iNext system can also be operated using two dedicated Android and iOS apps: iNext and PRODMAX Home applications



Index
SW-RE-PODZ/0/INEX

CSF module

The AERO CSF module is an additional module that extends the capabilities of AERO 4 with a balanced air flow function. The function maintains the set air flow rate, taking into account the prevailing weather conditions or soiling of the filters. For the proper operation of the CSF function, it is required to work with a Nano Colour panel with at least software version 8.01.

Index
SW-RE-PODZ/0/AERO CSF

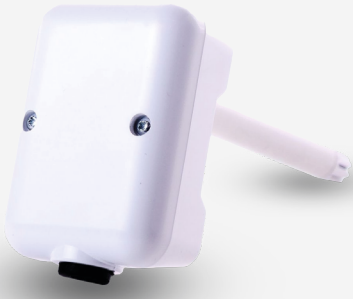
SHC sensor

The SHC sensor is designed to measure carbon dioxide and humidity concentrations indoors. It works with NANO COLOR room panels (CLASSIC and PREMIUM version units) Humidity measurement range: 0-100%
Carbon dioxide measurement range: 400-2,000 ppm

Index
SW-RE-PODZ/0/SHC

SHK sensor

The sensor is designed to measure humidity and temperature in the ventilation duct. It works with NANO COLOR room panels (CLASSIC and PREMIUM version panels). When the set humidity value is exceeded, the output of the air handling unit is automatically increased.
Humidity measurement range: 0-100%
Operating temperature: 0 to 55 °C



Index
SW-RE-PODZ/0/SHK

Additional accessories

SHW sensor

The SHW sensor is designed to measure indoor humidity. It works with NANO COLOR room panels (CLASSIC and PREMIUM version panels). When the set humidity value is exceeded, the output of the air handling unit is automatically increased.
Humidity measurement range: 0-100%
Operating temperature: 0 to 55 °C

Index
SW-RE-PODZ/0/SHW

ACS-1 sensor

The ACS air quality sensor is used to read the carbon dioxide content (CO2) and the level of PM2.5 and PM10. It has a compact rectangular structure made of plastic mounted on the wall where you want to take measures. Inside the case, there is an electronic board from which the connectors are derived. The ACS-1 sensor is a module which extends the capabilities of the NANO COLOR room panel.

Index
SW-RE-PODZ/0/ACS-1

Air filter

PRODMAX air handling units are equipped with a double air filtration system in three classes:
- G4 (ISO Coarse 70%) retaining coarse dust and large particles
- M5 (ISO ePM 60%) retaining 2.5 to 10 µm (micron) particles
- F7 (ISO ePM1 55%) retaining the smallest particles from 0.3 to 1 µm (microns)

The filters are made of high-quality pleated synthetic filter medium (mini-pleat). They are characterised by a high filtration surface area and long service life with high filtering performance (with periodic vacuuming every 2-3 months). The filters are equipped with clear markings indicating how to install them. No additional components are required to install the filters. Simple exchange procedure for ease of use

Compatibility	Air intake	Exhaust vent
VEKO 250 HEKO 250	G4 [170x230x8,5mm]	G4 [170x230x8,5mm]
PRO MINI 300 V/H	M5 [360x106x30mm] or F7 [360x106x30mm]	G4 [360x106x30mm]
PRO MAX 400 V PRO MAX 400 H PRO MAX 600 H	M5 [500x198x45mm] or F7 [500x198x45mm]	G4 [500x198x45mm]
AIR EXPERT 400 V AIR EXPER 600 V	M5 [299x233x23mm] or F7 [299x233x23mm]	G4 [299x233x23mm]
AIR EXPERT 400 H AIR EXPERT 600 H	M5 [370x310x23mm] or F7 [370x310x23mm]	G4 [370x310x23mm]
PRO MAX R 400 V PRO MAX R 400 H	M5 [198x600x45mm] or F7 [198x600x45mm]	G4 [198x600x45mm]

The following table shows the contaminant-stopping capacity of the different filter classes

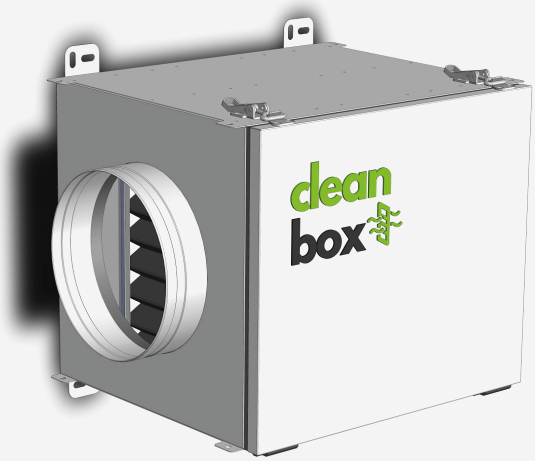
	G4	M5	F7
insects, sand, leaves	●	●	●
hair, fibres, coarse dust	●	●	●
pollen, fungal spores	◐	◐	●
dust mites, coal dust, animal hair	◐	◐	●
bacteria, smog, tobacco smoke	○	○	●
fine dust, exhaust fumes, viruses	○	○	●

The more intense the green of the leaf, the higher the filtration efficiency

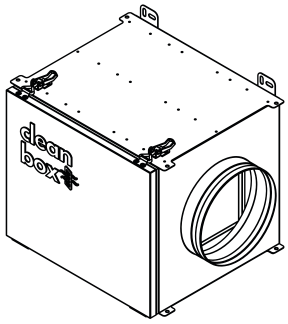
CLEAN BOX

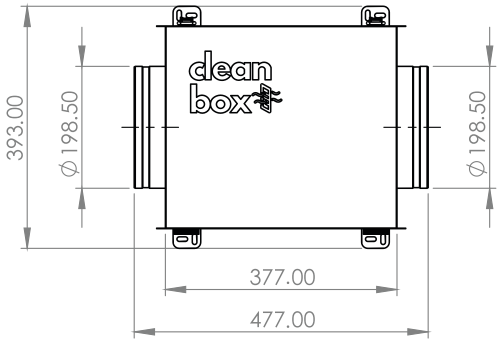
Device features

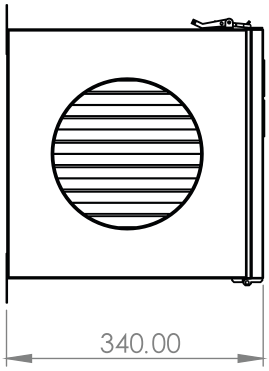
- Filters out unwanted odours
- Simple filter replacement
- Three-stage filtration - G4, HEPA and carbon filter
- The most effective dust filter on the market
- Wall or ceiling mounting
- Suitable for use in buildings with and without a heat recovery system
- Recommended for sensitive individuals with respiratory system allergies
- Removes contaminants, i.e.:
  - PM1
  - PM2.5
  - PM10
  - bacteria
  - allergens
  - viruses
  - odours
  - carcinogenic, toxic and irritant substances
  - aliphatic and aromatic hydrocarbons



Technical drawing





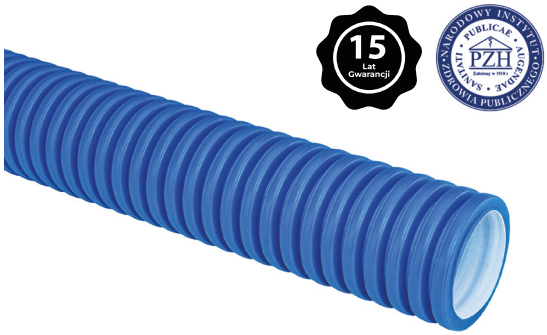


TECHNICAL INFORMATION	CLEAN BOX 160	CLEAN BOX 200
Filter class	G4 / HEPA / carbon filter	
Dimensions	477mm x 393 mm x 340 mm	
Housing material	galvanised steel / painted white	
Internal insulation	15 mm, rubber mat	
Spigot diameter	160mm	200mm

Ventilation ducts VENTFLEX

Flexible, double-layered ventilation duct

VENT-FLEX



The VENT-FLEX duct is used to transport supply and extract air in mechanical ventilation systems in residential buildings. The inner coating contains **anti-fungal and anti-bacterial additives.** Long-term microbiological protection **(efficacy ≥ 99.98%) is provided by silver (Ag) and silica (SiO2) nanoparticles.** The double-layered duct is characterised by its flexibility, allowing a very versatile layout of the ventilation system. The design of the tube ensures high strength, which makes it possible, for example, to pour concrete over it.

Material: HDPE polyethylene
Outer colour: blue
Inner colour: white
Available diameter options: Ø50, Ø63, Ø75, Ø90
Silver ion content: 100 ppm

Antibacterial product | Product with silver ions | Double-walled duct | High impact strength

Flexible, double-layered ventilation duct

VENT-FLEX PREMIUM

The VENT-FLEX duct is used to transport supply and extract air in mechanical ventilation systems in residential buildings. The inner coating contains **extended anti-fungal and anti-bacterial additives.** Long-term microbiological protection **(efficacy ≥99.98%) is provided by silver (Ag) and silica (SiO2) nanoparticles.** The double-layered duct is characterised by its high flexibility, allowing a very versatile layout of the ventilation system. The design of the tube ensures high strength, which makes it possible, for example, to pour concrete over it.

Material: HDPE polyethylene
Outer colour: dark green
Inner colour: grey
Available diameter options: Ø50, Ø63, Ø75, Ø90
Silver ion content: 100 ppm

High impact strength | Double-walled duct | Antibacterial product | Product with silver ions | Anti-static product | Extended protection

Flexible, double-layered ventilation duct

VENT-FLEX PREMIUM PLUS - NEW

The VENT-FLEX Premium Plus duct is used to **transport** supply and extract **air** in mechanical ventilation systems in residential buildings. The inner coating contains **anti-fungal and anti-bacterial additives.** Long-term microbiological protection **(efficacy ≥99.98%) is provided by silver (Ag) and silica (SiO2) nanoparticles.** The double-layered duct is characterised by its high flexibility, allowing a very versatile layout of the ventilation system. The design of the tube ensures high strength, which makes it possible, for example, to pour concrete over it. Designed specifically for the **VENTFLEX TPK** system

Material: HDPE polyethylene
Outer colour: light grey
Inner colour: grey
Available diameter options: Ø75
Silver ion content: 150 ppm

High impact strength | Double-walled duct | Product with silver ions | Antibacterial product | Extended protection | Anti-static product

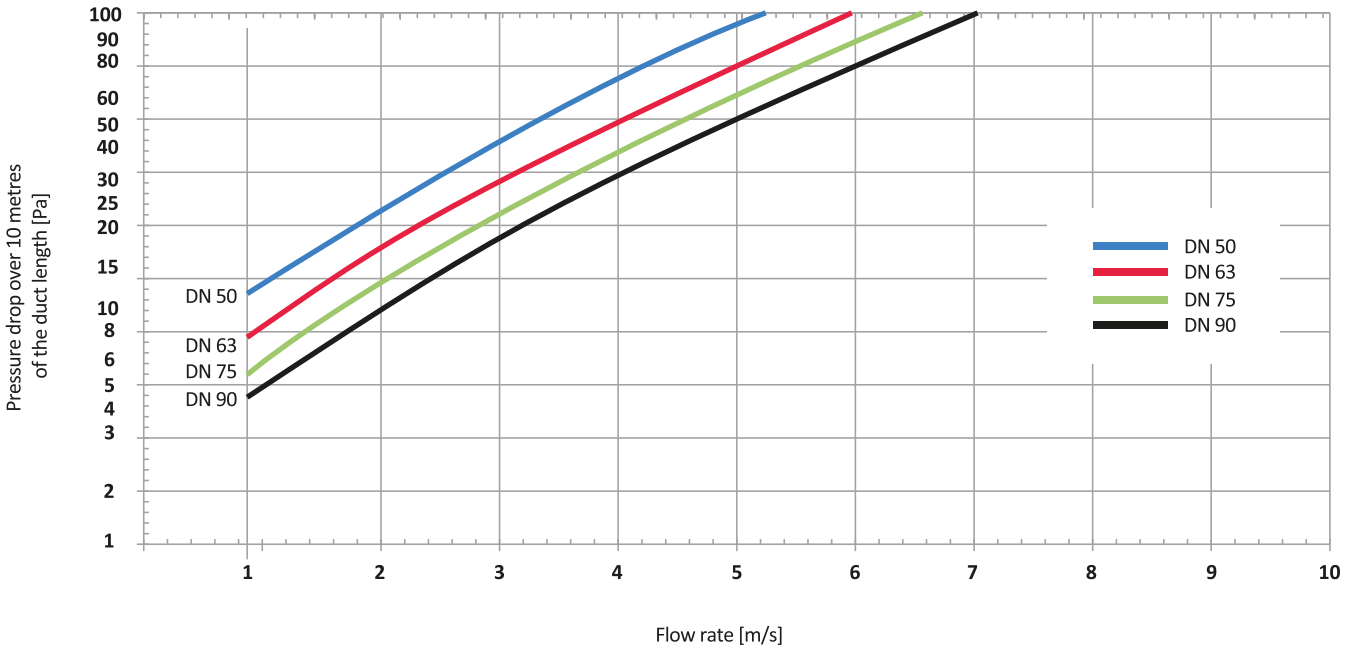
Ventilation ducts VENTFLEX

Technical parameters

Pipe type:	VENT-FLEX				VENT-FLEX PREMIUM				VENT-FLEX PREMIUM PLUS
Tube OD B [mm]	Ø50	Ø63	Ø75	Ø90	Ø50	Ø63	Ø75	Ø90	Ø75
Tube ID A [mm]	Ø40	Ø54	Ø64	Ø78	Ø40	Ø54	Ø64	Ø78	Ø64
Coil length (m)	50								
Operating, installation and operating temperature range [°C]	-20 ÷ 50								
Compressive strength (PN-EN 17192:2019)	500 N								
Reaction to fire class (EN 13501-1)	E, s3								
Modulus of elasticity	1,300 N/mm2								
Operating pressure	-200 Pa to +200 Pa								
Material (outer layer)	polyethylene (HDPE), blue				polyethylene (HDPE), UV-resistant, green				polyethylene (HDPE), UV-resistant, light grey
Material (inner layer)	polyethylene HDPE with biocidal coating, white				HDPE polyethylene with antistatic and biocidal micro-silver coating, grey				HDPE polyethylene with antistatic and biocidal micro-silver coating, grey
Purpose of the tube	transport of ventilation air								
Unit package	50 mb								

Flow characteristics

Output in m³/h at:	DN 50	DN 63	DN 75	DN 90
Air velocity	2.5 m/s	2.5 m/s	2.5 m/s	2.5 m/s
1 duct	10 m3/h	20 m3/h	28 m3/h	42 m3/h
2 ducts	20 m3/h	40 m3/h	56 m3/h	-
3 ducts	30 m3/h	60 m3/h	84 m3/h	-



OC manifold system

The PRODMAX OC manifold system is a ventilation system consisting of a galvanised sheet metal body with galvanised spigots. The connecting spigots have dedicated ribbing that facilitates installing the duct. In addition, the spigot has special grips that allow the VENT-FLEX tube to be locked in place. In order to maintain excellent air-tightness, the OC system requires dedicated seals to be fitted.
The body of the boxes and manifolds is made of high-density galvanised sheet metal. It is characterised by its low height allowing it to be embedded in a ceiling or wall. The specially manufactured structure ensures high mechanical strength. The double-row manifolds have built-in air deflectors to ensure a balanced air flow to each spigot. All single-row and double-row manifolds can be fitted with synthetic rubber-based mat insulation, which has excellent acoustic and thermal properties. A wide range of fittings guarantees easy completion of any installation.

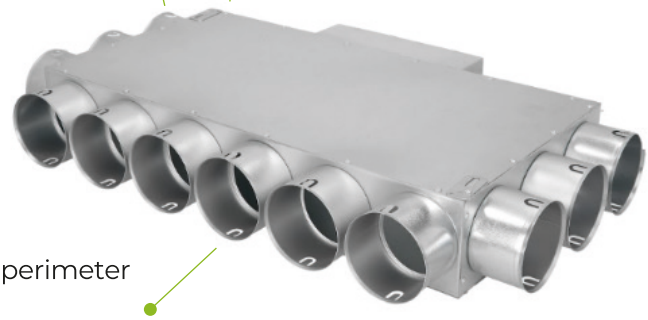
System features

Available diameters ϕ 63, ϕ 75 and ϕ 90

Lowest on the market **71 mm (for Ø63), 82 mm (for Ø75) and 97 mm (for Ø90)**

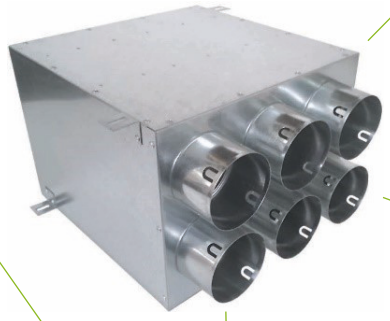
High product tightness

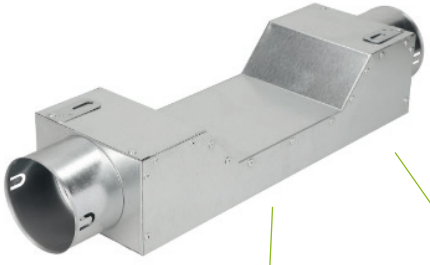
Compatible with most tubes on the market



Dedicated perimeter seal

Easy installation





Possibility of insulating products with rubber

Galvanised steel

Wide range of boxes and manifolds

Versatile mounting brackets

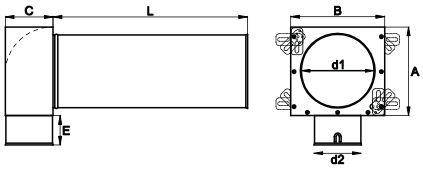
Locking of the duct in the spigot by means of a clamp

Plenum Boxes

Single-spigot plenum box

Dimensions

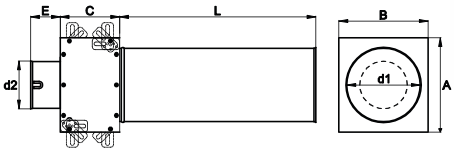
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x63/100	122	141	71	100	63
SK 1x75/100	122	141	82	100	75
SK 1x63/125	152	161	71	125	63
SK 1x75/125	152	161	82	125	75
SK 1x90/125	152	161	97	125	90



Single-spot Straight Plenum Box

Dimensions

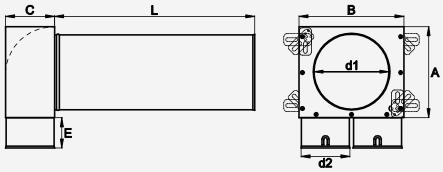
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x63/125P	161	152	101	125	63
SK 1x75/125P	161	152	101	125	75
SK 1x90/125P	161	152	101	125	90



Two-Port Plenum Box

Dimensions

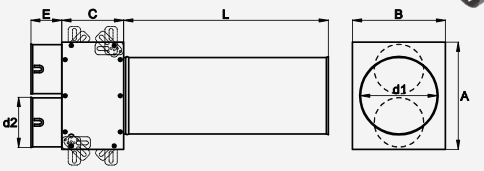
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 2x63/100	122	161	71	100	63
SK 2x75/100	122	175	82	100	75
SK 2x63/125	152	161	71	125	63
SK 2x75/125	152	175	82	125	75
SK 2x90/125	152	205	97	125	90

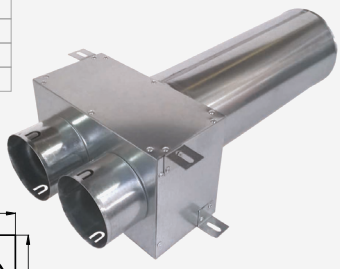


Two-Port Straight Plenum Box

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 2x63/125P	161	152	101	125	63
SK 2x75/125P	175	152	101	125	75
SK 2x90/125P	205	152	101	125	90

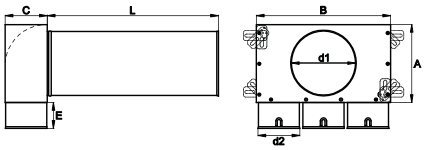




Three-Port Plenum Box

Dimensions

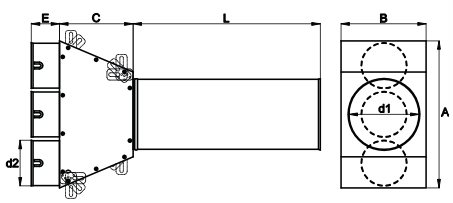
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 3x63/125	152	229	71	125	63
SK 3x75/125	152	262	82	125	75
SK 3x75/160	182	262	82	160	75
SK 3x90/160	182	307	97	160	90
SK 3x90/200	222	307	97	200	90



Three-Port Straight Plenum Box

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 3x63/125P	229	152	101	125	63
SK 3x75/125P	262	152	131	125	75
SK 3x90/125P	307	152	161	125	90

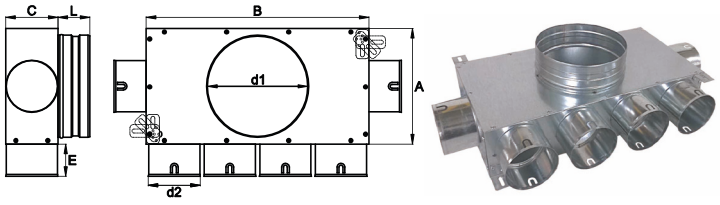


Flat manifolds

Six-spigot flat manifold

Dimensions

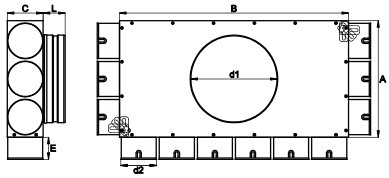
Index	Type	Wymiary [mm]				
		A	B	C	D1	D2
SK 6x63/160	standard	181	305	71	160	63
SK 6x75/160		181	349	82	160	75
SK 6x75/200		221	349	82	200	75
SK 6x63/160I	insulated	181	305	71	160	63
SK 6x75/160I		181	349	82	160	75
SK 6x75/200I		221	349	82	200	75



Twelve-spigot flat manifold

Dimensions

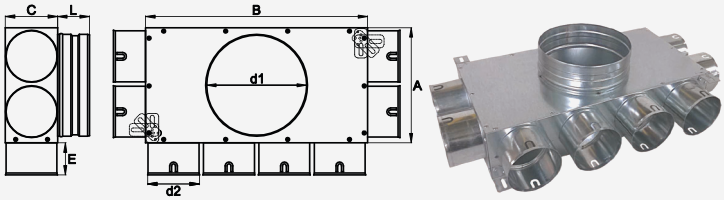
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x63/160	standard	233	457	71	160	63
SK 12x63/200		233	457	71	200	63
SK 12x75/160		266	523	82	160	75
SK 12x75/200		266	523	82	200	75
SK 12x63/160I	insulated	233	457	71	160	63
SK 12x63/200I		233	457	71	200	63
SK 12x75/160I		266	523	82	160	75
SK 12x75/200I		266	523	82	200	75



Eight-spigot flat manifold

Dimensions

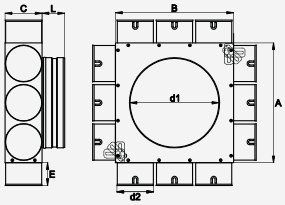
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x63/160	standard	181	305	71	160	63
SK 8x75/160		181	349	82	160	75
SK 8x75/200		221	349	82	200	75
SK 8x63/160I	insulated	181	305	71	160	63
SK 8x75/160I		181	349	82	160	75
SK 8x75/200I		221	349	82	200	75



Twelve-spigot manifold (square)

Dimensions

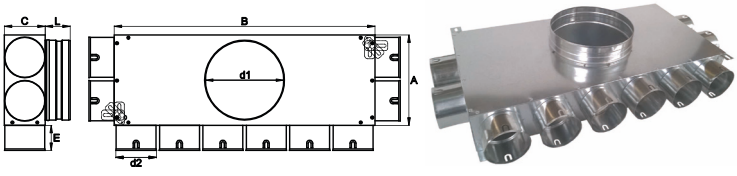
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x63/160KW	standard	233	229	71	160	63
SK 12x63/200KW		233	229	71	200	63
SK 12x75/160KW		266	262	82	160	75
SK 12x75/200KW		266	262	82	200	75
SK 12x63/160KWI	insulated	233	229	71	160	63
SK 12x63/200KWI		233	229	71	200	63
SK 12x75/160KWI		266	262	82	160	75
SK 12X75/200KWI		266	262	82	200	75



Ten-spigot flat manifold

Dimensions

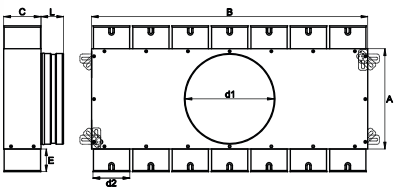
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x63/160	standard	181	457	71	160	63
SK 10x63/200		221	457	71	200	63
SK 10x75/160		181	523	82	160	75
SK 10x75/200		221	523	82	200	75
SK 10x63/160I	insulated	181	457	71	160	63
SK 10x63/200I		221	457	71	200	63
SK 10x75/160I		181	523	82	160	75
SK 10x75/200i		221	523	82	200	75



Fourteen-spigot flat manifold

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x63/160	standard	181	533	71	160	63
SK 14x63/200		221	533	71	200	63
SK 14x75/160		181	610	82	160	75
SK 14x75/200		221	610	82	200	75
SK 14x63/160I	insulated	181	533	71	160	63
SK 14x63/200I		221	533	71	200	63
SK 14x75/160I		181	610	82	160	75
SK 14x75/200I		221	610	82	200	75

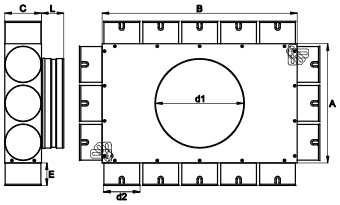


Flat manifolds

Sixteen-spigot flat manifold

Dimensions

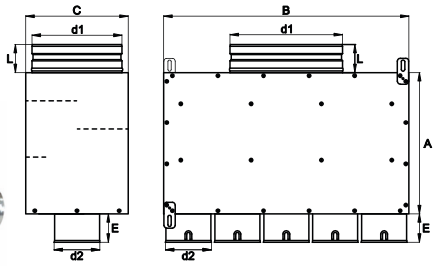
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x63/160	standard	233	381	71	160	63
SK 16x63/200		233	381	71	200	63
SK 16x75/160		266	436	82	160	75
SK 16x75/200		266	436	82	200	75
SK 16x63/160I	insulated	233	381	71	160	63
SK 16x63/200I		233	381	71	200	63
SK 16x75/160I		266	436	82	160	75
SK 16x75/200I		266	436	82	200	75

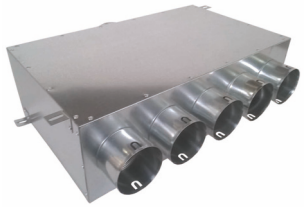


Five-spigot flat manifold

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 5x75/125P	standard	251	436	152	125	75
SK 5x90/160P		251	511	182	160	90
SK 5x75/125PI	insulated	251	436	152	125	75
SK 5x90/160PI		251	511	182	160	90

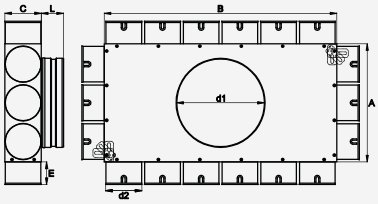




Eighteen-spigot flat manifold

Dimensions

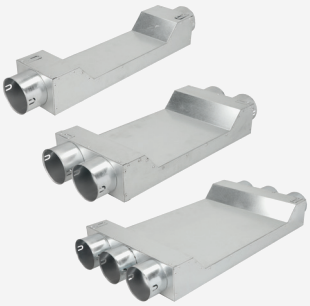
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x63/160	standard	233	457	71	160	63
SK 12x63/200		233	457	71	200	63
SK 12x75/160		266	523	82	160	75
SK 12x75/200		266	523	82	200	75
SK 12x63/160I	insulated	233	457	71	160	63
SK 12x63/200I		233	457	71	200	63
SK 12x75/160I		266	523	82	160	75
SK 12x75/200I		266	523	82	200	75

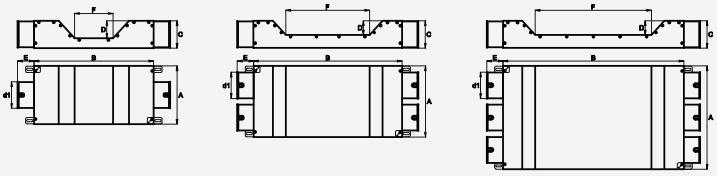


Single, double and triple offset

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75 TYP A	180	371	85	54	75
SK 1x75 TYP B	121	361	85	44	75
SK 1x75 TYP C	121	481	85	44	75
SK 2x75 TYP A	221	461	85	44	75
SK 3x75 TYP A	321	561	85	44	75

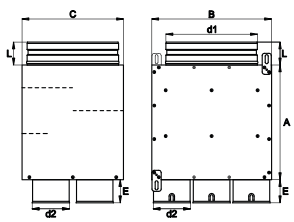


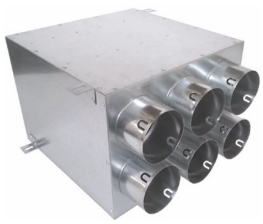


Two-row six-spigot manifold

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 6x75/160D	standard	251	262	182	160	75
SK 6x75/200D		251	262	222	200	75
SK 6x90/160D		251	307	206	160	90
SK 6x90/200D		251	307	222	200	90
SK 6x75/160DI	insulated	251	262	182	160	75
SK 6x75/200DI		251	262	222	200	75
SK 6x90/160DI		251	307	206	160	90
SK 6x90/200DI		251	307	222	200	90

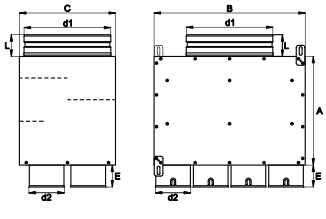


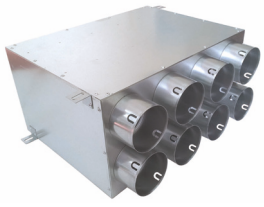


Two-row eight-spigot manifold

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x75/160D	standard	251	349	182	160	75
SK 8x75/200D		251	349	222	200	75
SK 8x90/160D		251	409	206	160	90
SK 8x90/200D		251	409	222	200	90
SK 8x75/160DI	insulated	251	349	182	160	75
SK 8x75/200DI		251	349	222	200	75
SK 8x90/160DI		251	409	206	160	90
SK 8x90/200DI		251	409	222	200	90



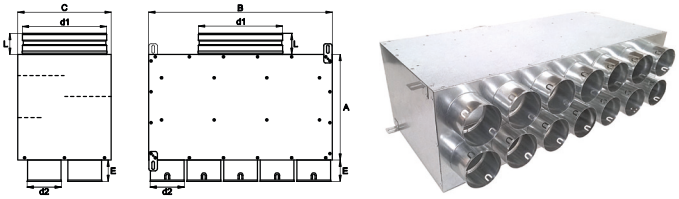


Two-row manifolds

Two-row ten-spigot manifold

Dimensions

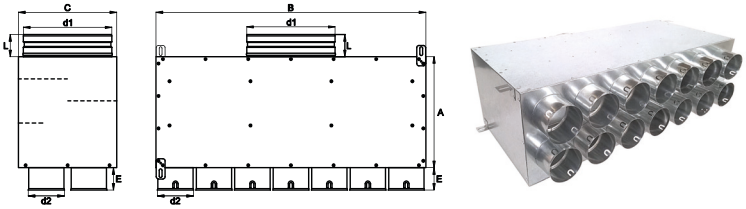
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x75/160D	standard	251	436	182	160	75
SK 10x75/200D		251	436	222	200	75
SK 10x90/160D		251	511	206	160	90
SK 10x90/200D		251	511	222	200	90
SK 10x75/160DI	insulated	251	436	182	160	75
SK 10x75/200DI		251	436	222	200	75
SK 10x90/160DI		251	511	206	160	90
SK 10x90/200DI		251	511	222	200	90



Two-row fourteen-spigot manifold

Dimensions

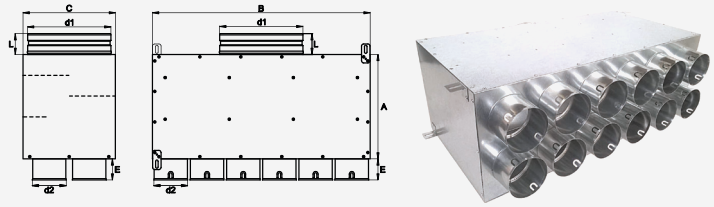
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x75/160D	standard	251	610	182	160	75
SK 14x75/200D		251	610	222	200	75
SK 14x90/160D		251	715	206	160	90
SK 14x90/200D		251	715	222	200	90
SK 14x75/160DI	insulated	251	610	182	160	75
SK 14x75/200DI		251	610	222	200	75
SK 14x90/160DI		251	715	206	160	90
SK 14x90/200DI		251	715	222	200	90



Two-row twelve-spigot manifold

Dimensions

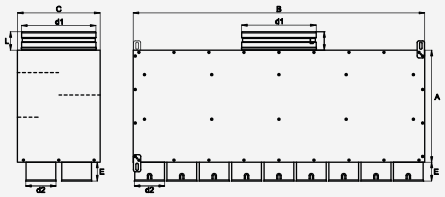
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x75/160D	standard	251	523	182	160	75
SK 12x75/200D		251	523	222	200	75
SK 12x90/160D		251	613	206	160	90
SK 12x90/200D		251	613	222	200	90
SK 12x75/160DI	insulated	251	523	182	160	75
SK 12x75/200DI		251	523	222	200	75
SK 12x90/160DI		251	613	206	160	90
SK 12x90/200DI		251	613	222	200	90



Two-row eighteen-spigot manifold

Dimensions

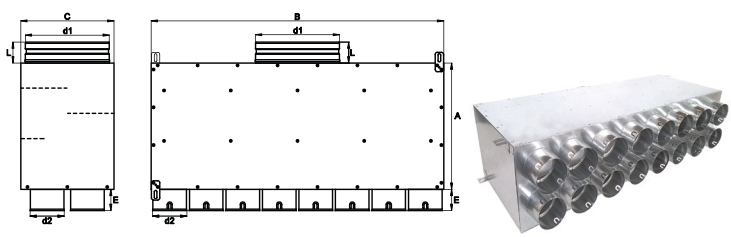
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 18x75/200D	standard	301	784	222	200	75
SK 18x90/200D		301	919	222	200	90
SK 18x75/200D	insulated	301	784	222	200	75
SK 18x90/200DI		301	919	222	200	90



Two-row sixteen-spigot manifold

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x75/200D	standard	301	697	222	200	75
SK 16x90/200D		301	817	222	200	90
SK 16x75/200DI	insulated	301	697	222	200	75
SK 16x90/200DI		301	817	222	200	90

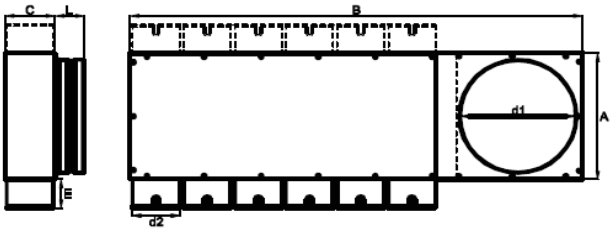


Flat manifolds (left/right reversible)

One-row flat manifold Left-/Right-hand

Dimensions

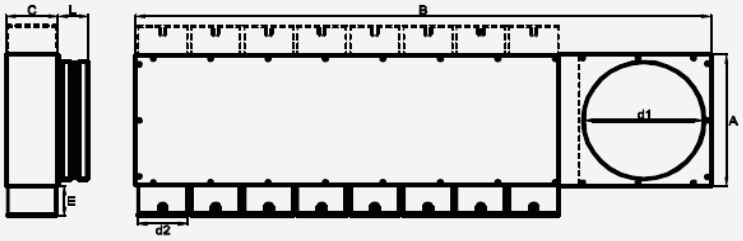
Index	Index				
	A	B	C	D1	D2
SK 6x75/160/L/P	183	730	85	160	75
SK 6x75/200/L/P	223	770	85	200	75
SK 6x75/160/L/P/I	183	730	85	160	75
SK 6x75/200/L/P/I	223	770	85	200	75

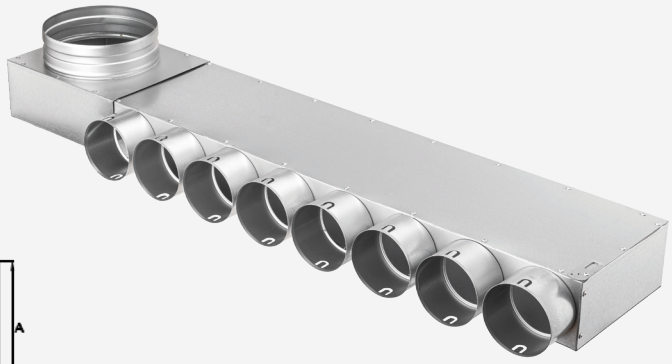


One-row flat manifold Left-/Right-hand

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 8x75/160/L/P	183	904	85	160	75
SK 8x75/200/L/P	223	944	85	200	75
SK 8x75/160/L/P/I	183	904	85	160	75
SK 8x75/200/L/P/I	223	944	85	200	75

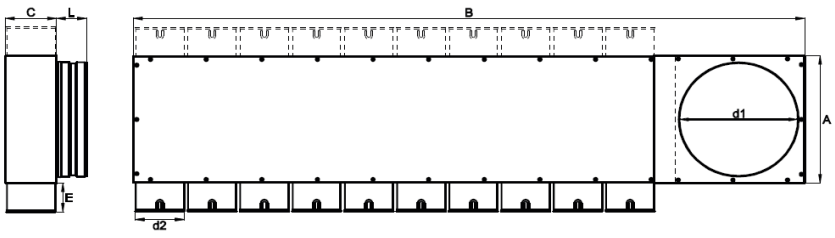




One-row flat manifold Left-/Right-hand

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 10x75/160/L/P	183	1,078	85	160	75
SK 10x75/200/L/P	223	1,118	85	200	75
SK 10x75/160/L/P/I	183	1,078	85	160	75
SK 10x75/200/L/P/I	223	1,118	85	200	75

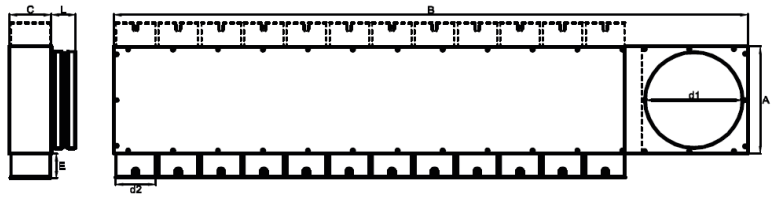


Flat manifolds (left/right reversible)

One-row flat manifold Left-/Right-hand

Dimensions

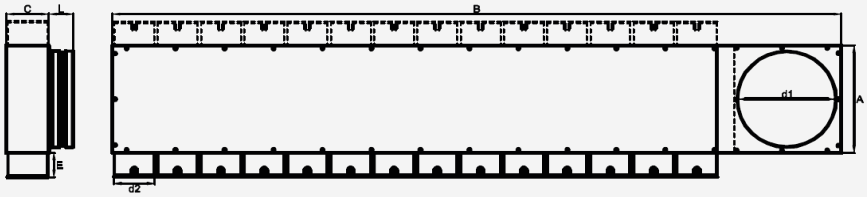
Index	Index				
	A	B	C	D1	D2
SK 12x75/200/L/P	183	1,252	85	160	75
SK 12x75/200/L/P	223	1,292	85	200	75
SK 12x75/160/L/P/I	183	1,252	85	160	75
SK 12x75/200/L/P/I	223	1,292	85	200	75



One-row flat manifold Left-/Right-hand

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 14x75/160/L/P	183	1,426	85	160	75
SK 14x75/200/L/P	223	1,466	85	200	75
SK 14x75/160/L/P/I	183	1,426	85	160	75
SK 14x75/200/L/P/I	223	1,466	85	200	75

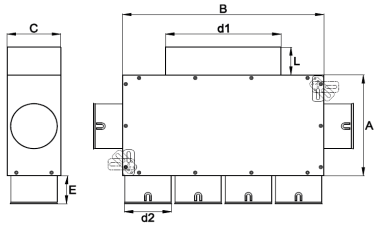


Flat boxes

Flat manifold with rectangular outlet

Dimensions

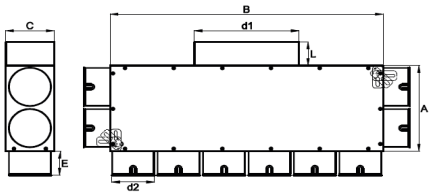
Index	Index				
	A	B	C	D1	D2
SK 6x75/200x90	181	349	93	200x90	75
SK 6x75/200x90/I	181	349	93	200x90	75
SK 6x75/200x50	181	349	93	200x50	75
SK 6x75/200x50/I	181	349	93	200x50	75



Flat manifold with rectangular outlet

Dimensions

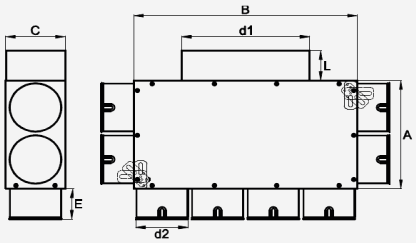
Index	Index				
	A	B	C	D1	D2
SK 10x75/200x90	181	523	93	200x90	75
SK 10x75/200x90/I	181	523	93	200x90	75
SK 10x75/200x50	181	523	93	200x50	75
SK 10x75/200x5/I	181	523	93	200x50	75



Flat manifold with rectangular outlet

Dimensions

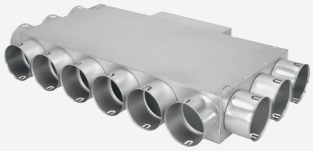
Index	Index				
	A	B	C	D1	D2
SK 8x75/200x90	181	349	93	200x90	75
SK 8x75/200x90/I	181	349	93	200x90	75
SK 8x75/200x50	181	349	93	200x50	75
SK 8x75/200x50/I	181	349	93	200x50	75

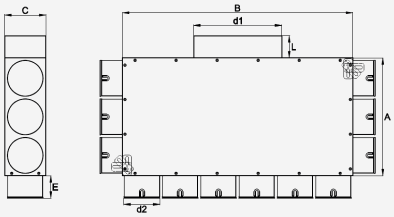


Flat manifold with rectangular outlet

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 12x75/200x90	266	523	93	200x90	75
SK 12x75/200x90/I	266	523	93	200x90	75
SK 12x75/200x50	266	523	93	200x90	75
SK 12x75/200x90/I	266	523	93	200x90	75

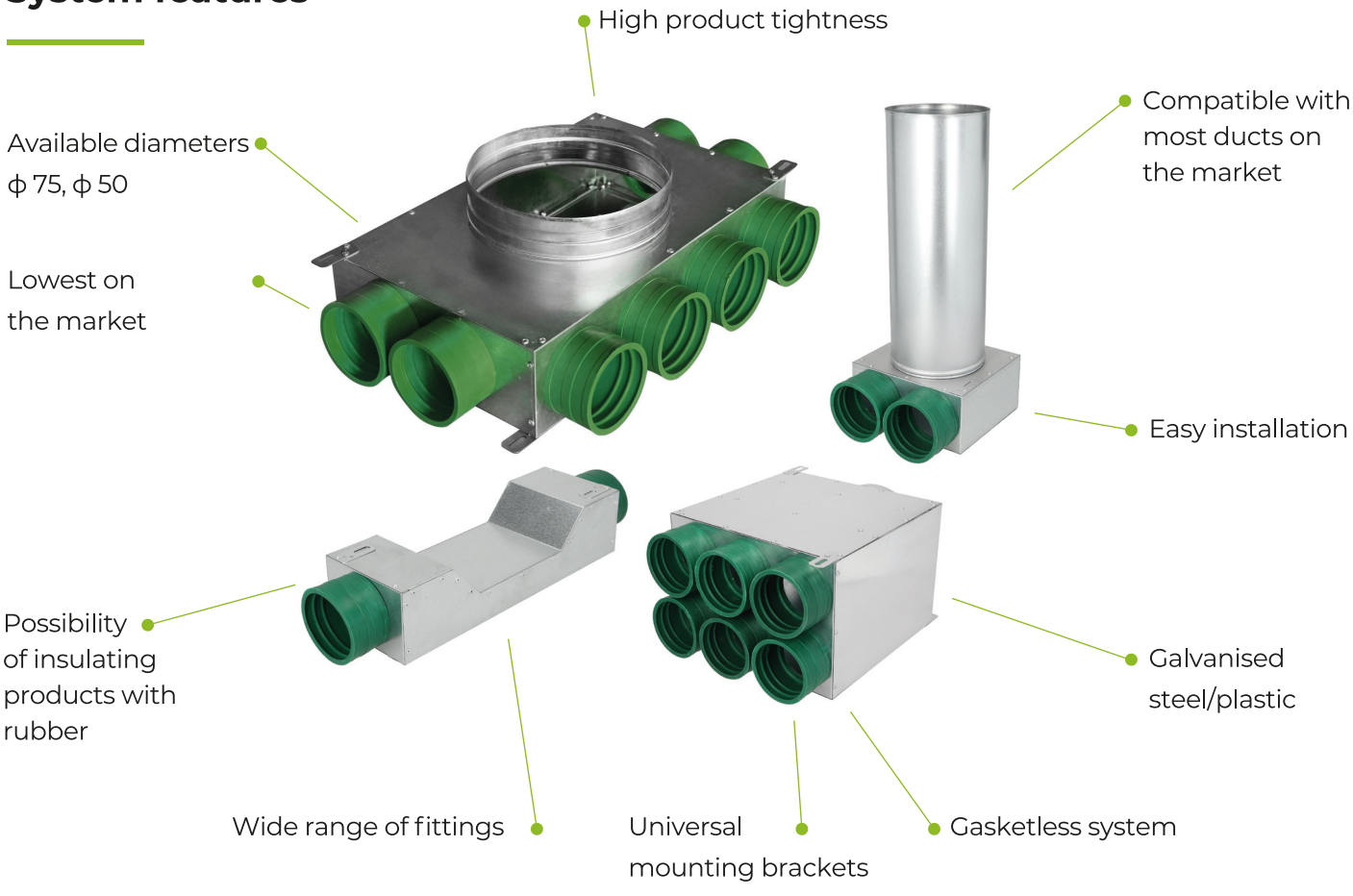




GM manifold system

The PRODMAX GM manifold system is a ventilation system consisting of a galvanised sheet metal body with spigots manufactured from a specially developed plastic compound. These spigots are odourless, have high flexibility at low temperatures (down to -50 ˚C), have high resistance to chemicals and are protected against UV radiation. The spigots used in the GM system have a double seal inside, so there is no need for additional seals, making the installation of the duct fast and requiring no additional special tools. It is available in two diameters - dn 75 and dn 50. The body of the boxes and manifolds is made of high-density galvanised sheet metal. It is characterised by its low height allowing it to be embedded in a ceiling or wall. The specially manufactured structure ensures high mechanical strength. The double-row manifolds have built-in air deflectors to ensure a balanced air flow to each spigot. All single-row and double-row manifolds can be fitted with synthetic rubber-based mat insulation, which has excellent acoustic and thermal properties. A wide range of fittings guarantees easy completion of any installation.

System features

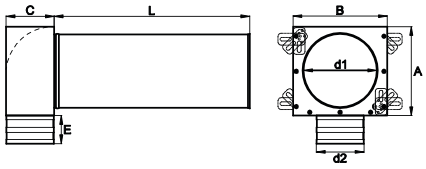


Plenum boxes with GM spigot

One-spigot plenum box with GM spigot

Dimensions

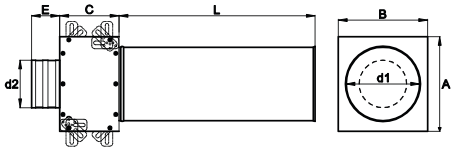
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/GM	122	141	82	100	75
SK 1x75/125/GM	152	161	82	125	75



One-spigot straight plenum box with GM spigot

Dimensions

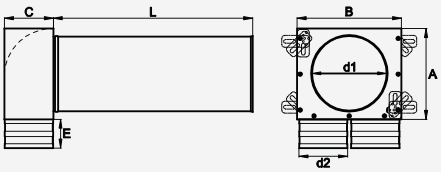
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/125P/GM	161	152	101	125	75

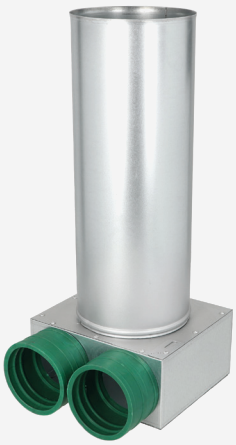


Two-spigot plenum box with GM spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/GM	122	141	82	100	75
SK 1x75/125/GM	152	161	82	125	75

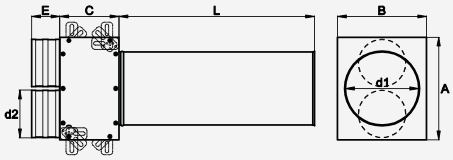




Two-spigot straight plenum box with GM spigot

Dimensions

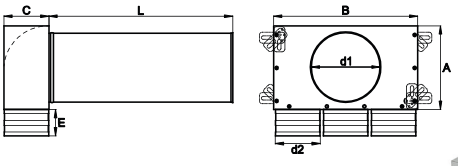
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 2x75/125P/GM	175	152	101	125	75

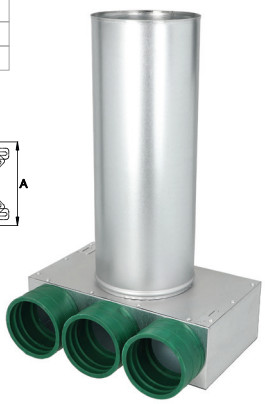


Three-spigot plenum box with GM spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/GM	122	141	82	100	75
SK 1x75/125/GM	152	161	82	125	75

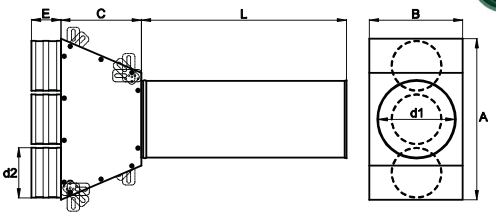




Three-spigot straight plenum box with GM spigot

Dimensions

Index	Wymiary [mm]				
	A	B	C	D1	D2
SK 3x75/125P/GM	262	152	131	125	75

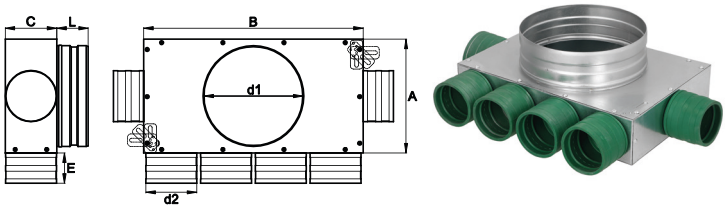


Flat manifolds with GM spigot

Six-spigot flat manifold with GM spigot

Dimensions

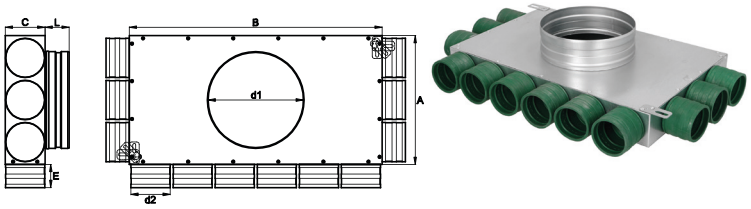
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 6x75/160/GM	standard	181	349	82	160	75
SK 6x75/200/GM		221	349	82	200	75
SK 6x75/160/GMI	insulated	181	349	82	160	75
SK 6x75/200/GMI		221	349	82	200	75



Twelve-spigot flat manifold with GM spigot

Dimensions

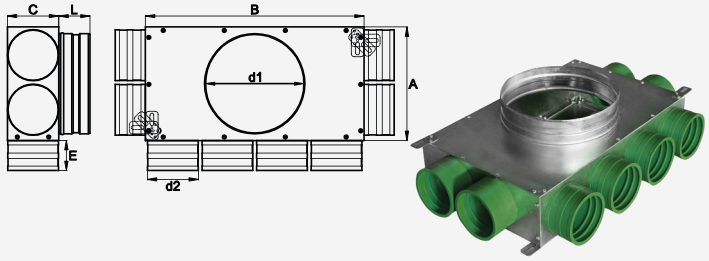
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x75/160/GM	standard	266	523	82	160	75
SK 12x75/200/GM		266	523	82	200	75
SK 12x75/160/GMI	insulated	266	523	82	160	75
SK 12x75/200/GMI		266	523	82	200	75



Eight-spigot flat manifold with GM spigot

Dimensions

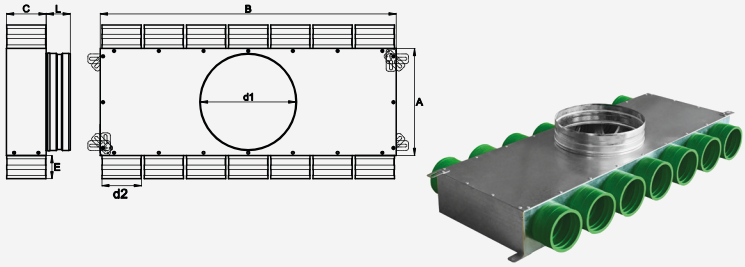
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x75/160/GM	standard	181	349	82	160	75
SK 8x75/200/GM		221	349	82	200	75
SK 8x75/160/GMI	insulated	181	349	82	160	75
SK 8x75/200/GMI		221	349	82	200	75



Fourteen-spigot flat manifold with GM spigot

Dimensions

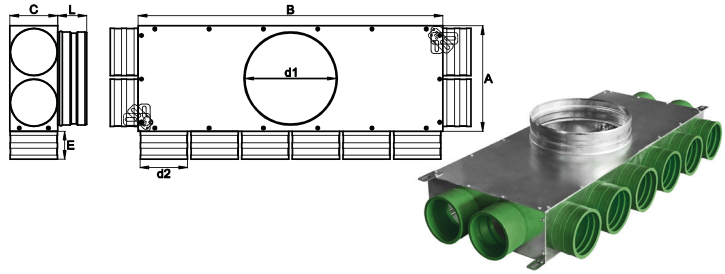
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x75/160/GM	standard	181	610	82	160	75
SK 14x75/200/GM		221	610	82	200	75
SK 14x75/160/GMI	insulated	181	610	82	160	75
SK 14x75/200/GMI		221	610	82	200	75



Ten-spigot flat manifold with GM spigot

Dimensions

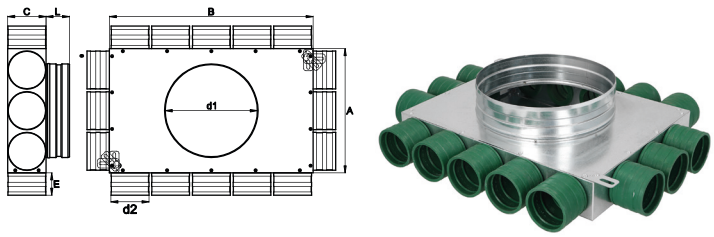
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x75/160/GM	standard	181	523	82	160	75
SK 10x75/200/GM		221	523	82	200	75
SK 10x75/160/GMI	insulated	181	523	82	160	75
SK 10x75/200/GMI		221	523	82	200	75



Sixteen-spigot flat manifold with GM spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x75/160/GM	standard	266	436	82	160	75
SK 16x75/200/GM		266	436	82	200	75
SK 16x75/160/GMI	insulated	266	436	82	160	75
SK 16x75/200/GMI		266	436	82	200	75

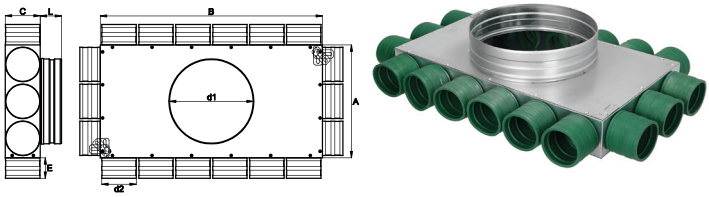


Two-row manifolds with GM spigot

Eighteen-spigot flat manifold with GM spigot

Dimensions

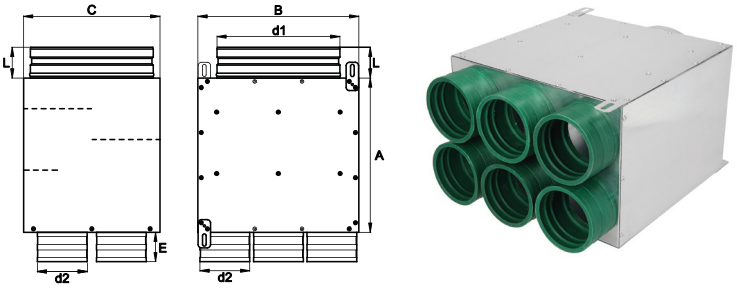
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 18x75/160/GM	standard	266	523	82	160	75
SK 18x75/200/GM		266	523	82	200	75
SK 18x75/160/GMI	insulated	266	523	82	160	75
SK 18x75/200/GMI		266	523	82	200	75



Two-row six-spigot manifold with GM spigot

Dimensions

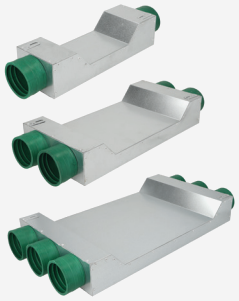
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 6x75/160D/GM	standard	251	262	182	160	75
SK 6x75/200D/GM		251	262	222	200	75
SK 6x75/160D/GMI	insulated	251	262	182	160	75
SK 6x75/200D/GMI		251	262	222	200	75

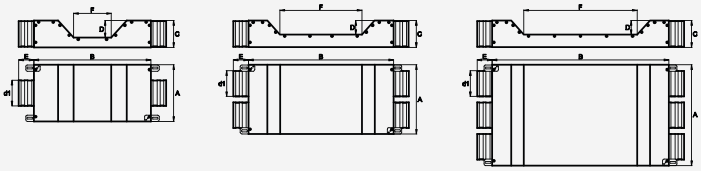


Single, double and triple offset with GM spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75 TYP A/GM	180	371	85	54	75
SK 1x75 TYP B/GM	121	361	85	44	75
SK 1x75 TYP C/GM	121	481	85	44	75
SK 2x75 TYP A/GM	221	461	85	44	75
SK 3x75 TYP A/GM	321	561	85	44	75

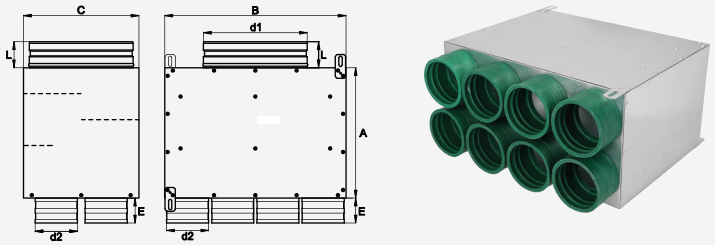




Two-row eight-spigot manifold with GM spigot

Dimensions

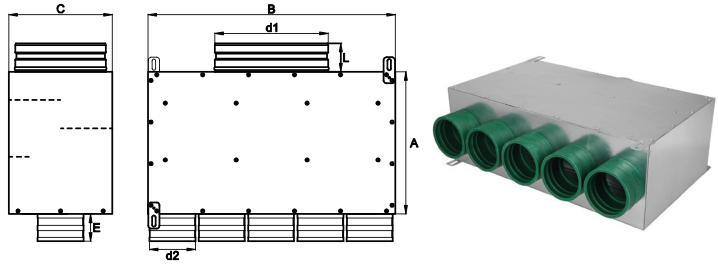
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x75/160D/GM	standard	251	349	182	160	75
SK 8x75/200D/GM		251	349	222	200	75
SK 8x75/160D/GMI	insulated	251	349	182	160	75
SK 8x75/200D/GMI		251	349	222	200	75



Single, double and triple offset with GM spigot

Dimensions

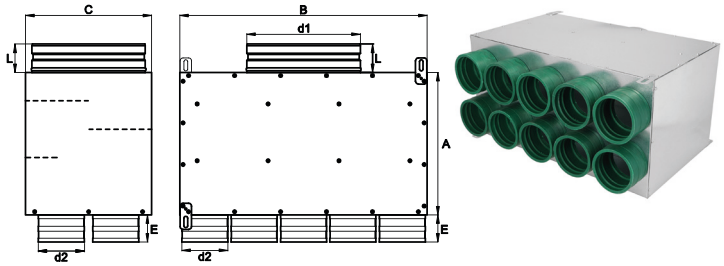
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 5x75/125P/GM	standard	251	436	152	125	75
SK 5x75/125P/GMI	insulated	251	436	152	125	75



Two-row eight-spigot manifold with GM spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x75/160D/GM	standard	251	436	182	160	75
SK 10x75/200D/GM		251	436	222	200	75
SK 10x75/160D/GMI	insulated	251	436	182	160	75
SK 10x75/200D/GMI		251	436	222	200	75

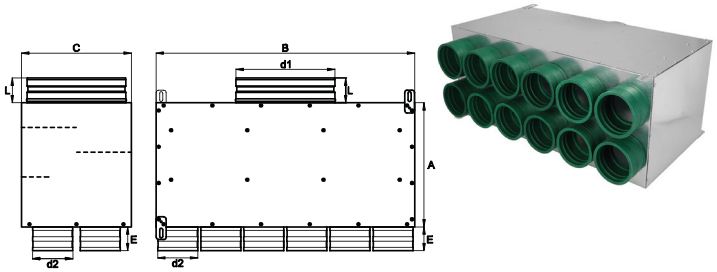


Two-row manifolds with GM spigot

Two-row twelve-spigot manifold with GM spigot

Dimensions

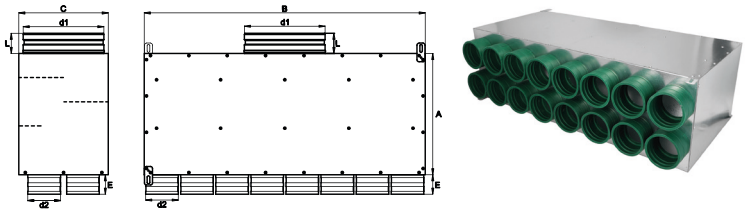
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x75/160D/GM	standard	251	523	182	160	75
SK 12x75/200D/GM		251	523	222	200	75
SK 12x75/160D/GMI	insulated	251	523	182	160	75
SK 12x75/200D/GMI		251	523	222	200	75



Two-row sixteen-spigot manifold with GM spigot

Dimensions

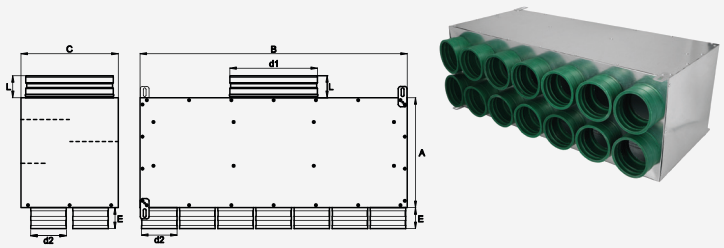
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x75/160D/GM	standard	301	697	182	160	75
SK 16x75/200D/GM		301	697	222	200	75
SK 16x75/160D/GMI	insulated	301	697	182	160	75
SK 16x75/200D/GMI		301	697	222	200	75



Two-row fourteen-spigot manifold with GM spigot

Dimensions

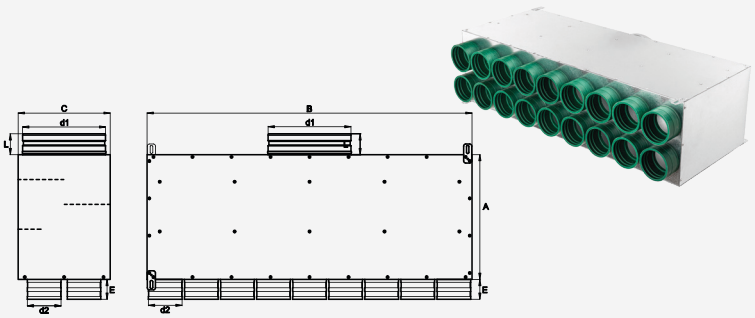
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x75/160D/GM	standard	251	610	182	160	75
SK 14x75/200D/GM		251	610	222	200	75
SK 14x75/160D/GMI	insulated	251	610	182	160	75
SK 14x75/200D/GMI		251	610	222	200	75



Two-row eighteen-spigot manifold with GM spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 18x75/200D/GM	standard	301	784	222	200	75
SK 18x75/200D/GMI	insulated	301	784	222	200	75

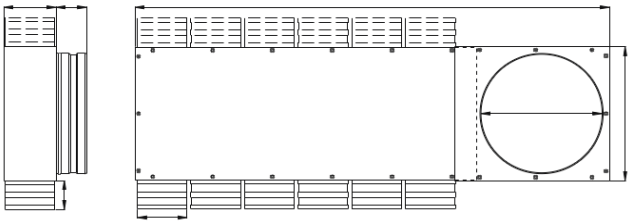


Flat manifolds with GM spigot (left/right reversible)

Six-spigot flat manifold (left-/right-hand) with GM spigot

Dimensions

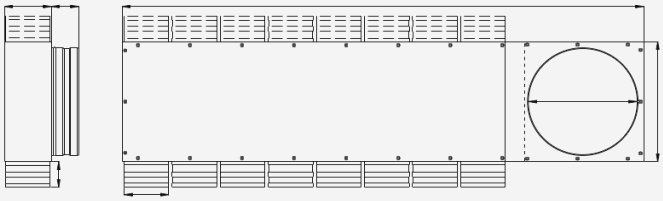
Index	Index				
	A	B	C	D1	D2
SK 6x75/160/L/P/GM	183	730	85	160	75
SK 6x75/200/L/P/GM	223	770	85	200	75
SK 6x75/160/L/P/GM/I	183	730	85	160	75
SK 6x75/200/L/P/GM/I	223	770	85	200	75

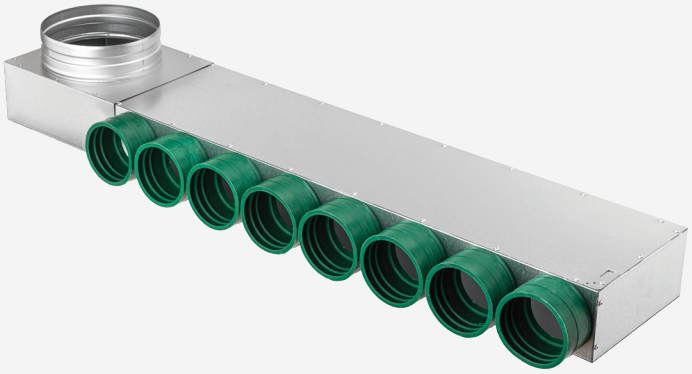


Octagonal flat manifold (left-/right-handed) with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 8x75/160/L/P/GM	183	904	85	160	75
SK 8x75/200/L/P/GM	223	944	85	200	75
SK 8x75/160/L/P/GM/I	183	904	85	160	75
SK 8x75/200/L/P/GM/I	223	944	85	200	75

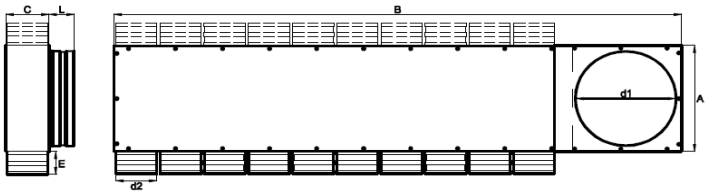




Ten-spigot flat manifold (left-/right-hand) with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 10x75/160/L/P/GM	183	1,078	85	160	75
SK 10x75/200/L/P/GM	223	1,118	85	200	75
SK 10x75/160/L/P/GM/I	183	1,078	85	160	75
SK 10x75/200/L/P/GM/I	223	1,118	85	200	75

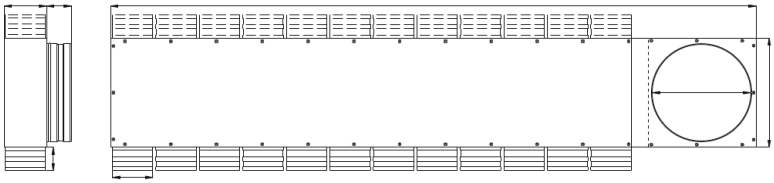


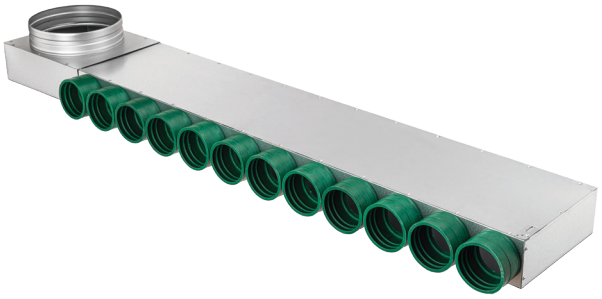
Flat manifolds with GM spigot (left/right reversible)

Twelve-spigot flat manifold (left-/right-hand) with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 12x75/160/L/P/GM	183	1,252	85	160	75
SK 12x75/200/L/P/GM	223	1,292	85	200	75
SK 12x75/160/L/P/GM/I	183	1,252	85	160	75
SK 12x75/200/L/P/GM/I	223	1,292	85	200	75

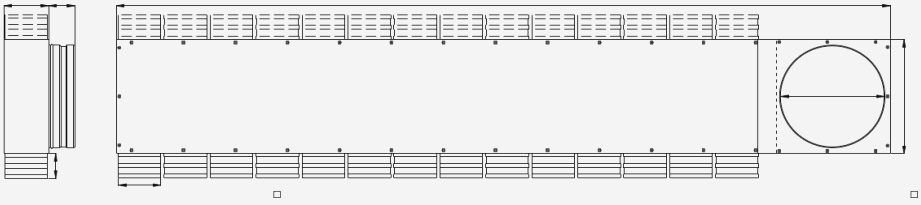




Fourteen-spigot flat manifold (left-/right-hand) with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 14x75/160/L/P/GM	183	1,426	85	160	75
SK 14x75/200/L/P/GM	223	1,466	85	200	75
SK 14x75/160/L/P/GM/I	183	1,426	85	160	75
SK 14x75/200/L/P/GM/I	223	1,466	85	200	75

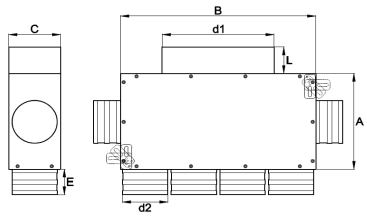


Flat manifolds with GM spigot

Six-spigot flat manifold with rectangular outlet with GM spigot

Dimensions

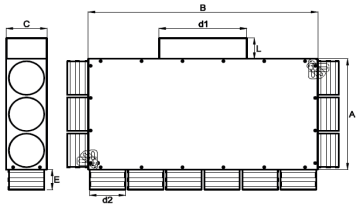
Index	Index				
	A	B	C	D1	D2
SK 6x75/200x90/GM	181	349	93	200x90	75
SK 6x75/200x90/GM/I	181	349	93	200x90	75
SK 6x75/200x50/GM	181	349	93	200x50	75
SK 6x75/200x50/GM/I	181	349	93	200x50	75

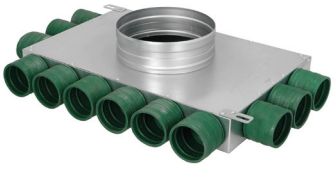


Ten-spigot flat manifold with rectangular outlet with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 12x75/200x90/GM	266	523	93	200x90	75
SK 12x75/200x90/GM/I	266	523	93	200x90	75
SK 12x75/200x50/GM	266	523	93	200x50	75
SK 12x75/200x50/GM/I	266	523	93	200x50	75
SK 12x50/200x50/GM	202	391	58	200x50	50

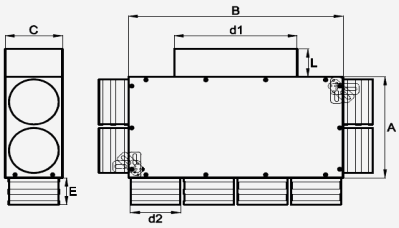


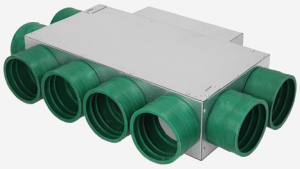


Eight-spigot flat manifold with rectangular outlet with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 8x75/200x90/GM	181	349	93	200x90	75
SK 8x75/200x90/GM/I	181	349	93	200x90	75
SK 8x75/200x50/GM	181	349	93	200x50	75
SK 8x75/200x50/GM/I	181	349	93	200x50	75

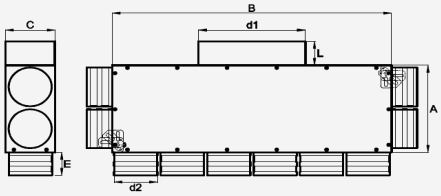


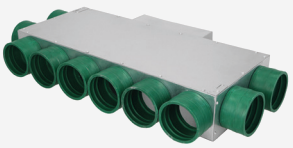


Ten-spigot manifold with rectangular outlet with GM spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 10x75/200x90/GM	181	523	93	200x90	75
SK 10x75/200x90/GM/I	181	523	93	200x90	75
SK 10x75/200x50/GM	181	523	93	200x50	75
SK 10x75/200x50/GM/I	181	523	93	200x50	75

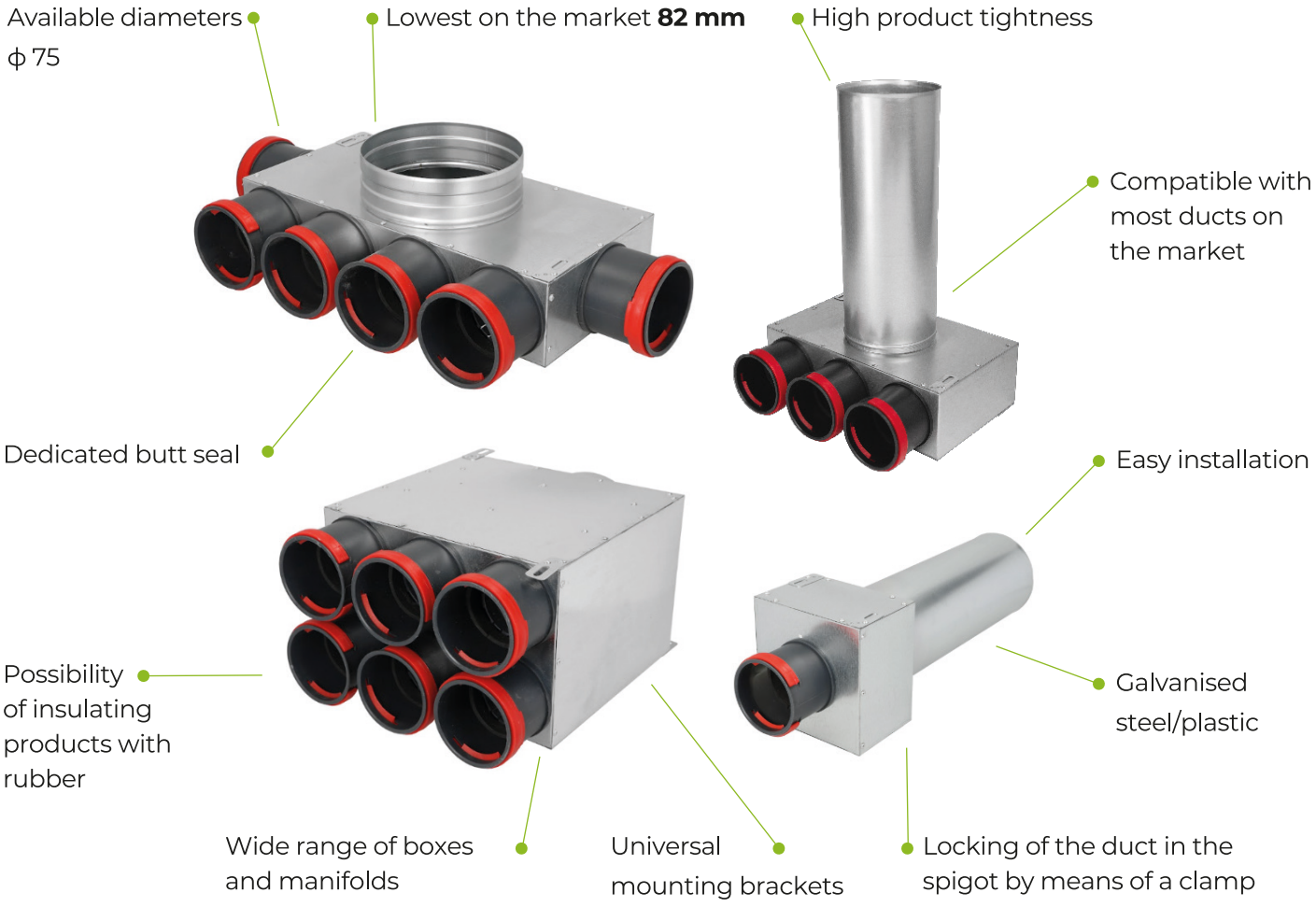




PK manifold system

The PRODMAX PK manifold system is a ventilation system consisting of a galvanised sheet metal body with plastic spigots. The connecting spigots have a dedicated butt seal, making the installation of the duct extremely simple. In addition, the PK spigots have special pins for locking the VENT-FLEX tube.
The body of the boxes and manifolds is made of high-density galvanised sheet metal.
It is characterised by its low height allowing it to be embedded in a ceiling or wall. The specially manufactured structure ensures high mechanical strength. The double-row manifolds have built-in air deflectors to ensure a balanced air flow to each spigot. All single-row and double-row manifolds can be fitted with synthetic rubber-based mat insulation, which has excellent acoustic and thermal properties.
Wide product range

System features

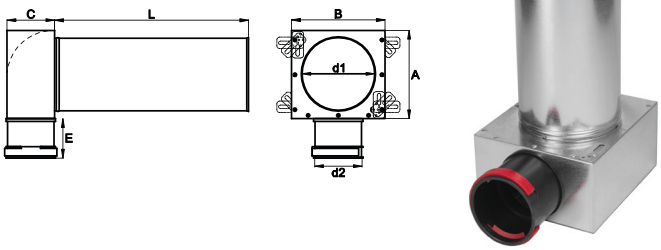


Plenum Boxes

One-spigot plenum box with PK spigot

Dimensions

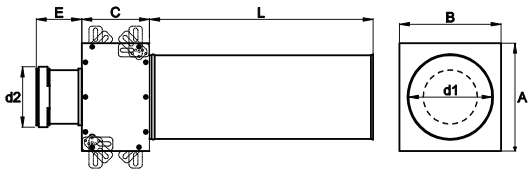
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/PK	122	141	82	100	75
SK 1x75/125/PK	152	161	82	125	75



One-spigot straight plenum box with PK spigot

Dimensions

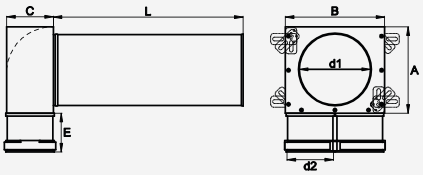
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/125P/PK	161	152	101	125	75



Two-spigot plenum box with PK spigot

Dimensions

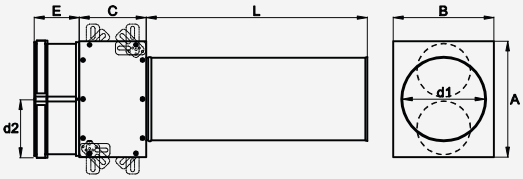
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/GM	122	175	82	100	75
SK 1x75/125/GM	152	175	82	125	75



Two-spigot straight plenum box with PK spigot

Dimensions

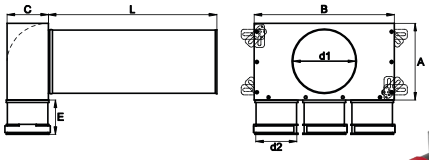
Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 2x75/125P/PK	175	152	101	125	75

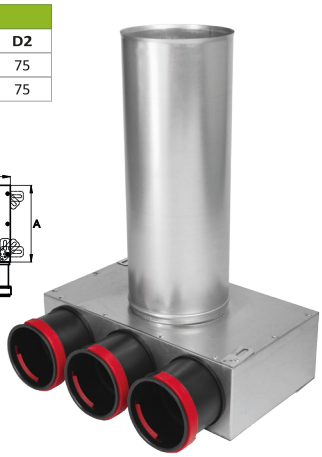


Three-spigot plenum box with PK spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75/100/GM	152	278	82	125	75
SK 1x75/125/GM	182	278	82	160	75

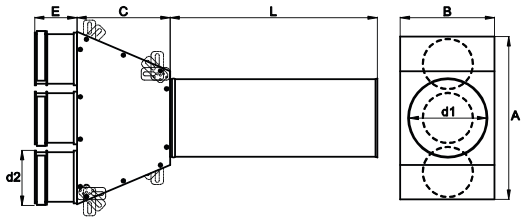




Three-spigot straight plenum box with PK spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 3x75/125P/PK	175	152	150	125	75

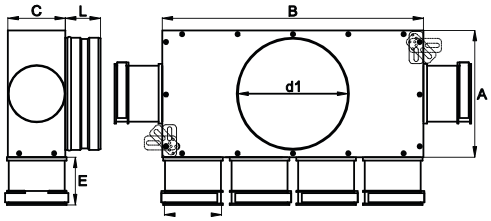


Flat manifolds

Six-spigot flat manifold with PK spigot

Dimensions

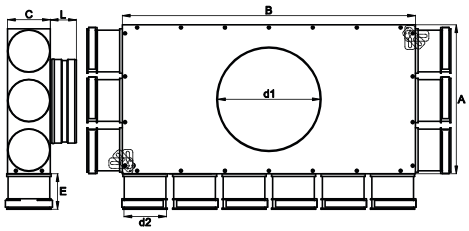
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 6x75/160/PK	standard	181	373	82	160	75
SK 6x75/200/PK		221	373	82	200	75
SK 6x75/160/PKI	insulated	181	373	82	160	75
SK 6x75/200/PKI		221	373	82	200	75



Twelve-spigot flat manifold with PK spigot

Dimensions

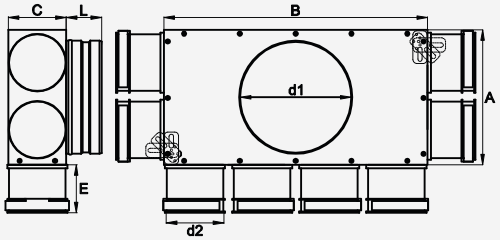
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x75/160/PK	standard	282	563	82	160	75
SK 12x75/200/PK		282	563	82	200	75
SK 12x75/160/PKI	insulated	282	563	82	160	75
SK 12x75/200/PKI		282	563	82	200	75

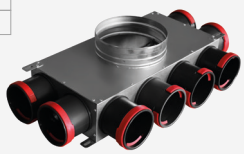


Eight-spigot flat manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x75/160/PK	standard	191	373	82	160	75
SK 8x75/200/PK		221	373	82	200	75
SK 8x75/160/PKI	insulated	191	373	82	160	75
SK 8x75/200/PKI		221	373	82	200	75

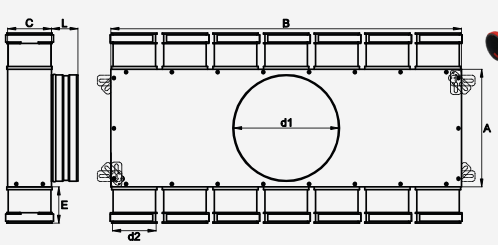


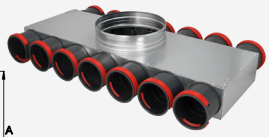


Fourteen-spigot flat manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x75/160/PK	standard	181	658	82	160	75
SK 14x75/200/PK		221	658	82	200	75
SK 14x75/160/PKI	insulated	181	658	82	160	75
SK 14x75/200/PKI		221	658	82	200	75

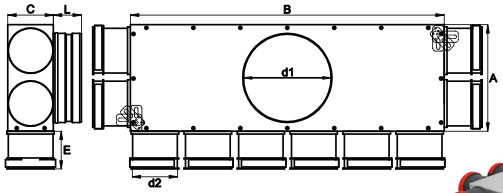


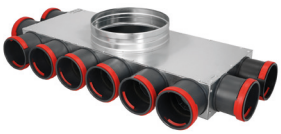


Ten-spigot flat manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x75/160/PK	standard	191	563	82	160	75
SK 10x75/200/PK		221	563	82	200	75
SK 10x75/160/PKI	insulated	191	563	82	160	75
SK 10x75/200/PKI		221	563	82	200	75

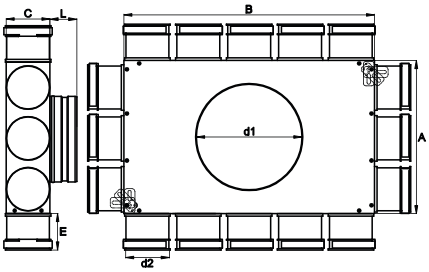




Sixteen-spigot flat manifold with plastic spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x75/160/PK	standard	282	468	82	160	75
SK 16x75/200/PK		282	468	82	200	75
SK 16x75/160/PKI	insulated	282	468	82	160	75
SK 16x75/200/PKI		282	468	82	200	75

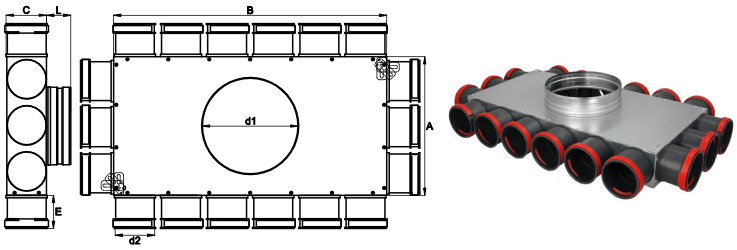


Two-row manifolds with PK spigot

Eighteen-spigot flat manifold with PK spigot

Dimensions

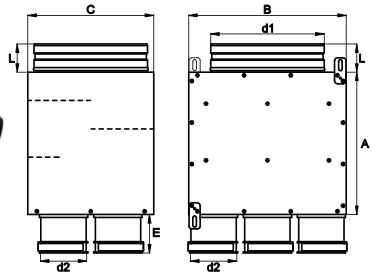
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 18x75/160/PK	standard	282	563	82	160	75
SK 18x75/200/PK		282	563	82	200	75
SK 18x75/160/PKI	insulated	282	563	82	160	75
SK 18x75/200/PKI		282	563	82	200	75

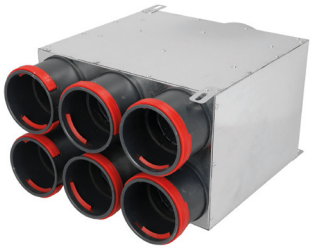


Two-row six-spigot manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 6x75/160D/PK	standard	251	278	182	160	75
SK 6x75/200D/PK		251	278	222	200	75
SK 6x75/160D/PKI	insulated	251	278	182	160	75
SK 6x75/200D/PKI		251	278	222	200	75

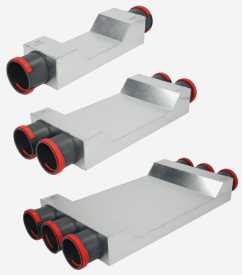


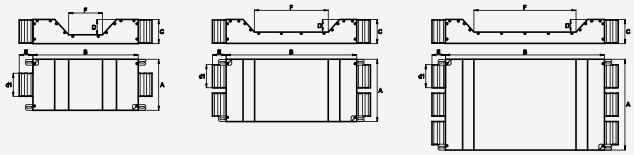


Single, double and triple offset plastic spigot

Dimensions

Index	Dimensions [mm]				
	A	B	C	D1	D2
SK 1x75 TYP A/PK	180	371	85	54	75
SK 1x75 TYP B/PK	121	361	85	44	75
SK 1x75 TYP C/PK	121	481	85	44	75
SK 2x75 TYP A/PK	221	461	85	44	75
SK 3x75 TYP A/PK	321	561	85	44	75

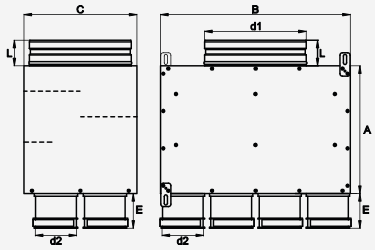


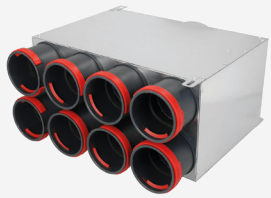


Two-row eight-spigot manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 8x75/160D/PK	standard	251	373	182	160	75
SK 8x75/200D/PK		251	373	222	200	75
SK 8x75/160D/PKI	insulated	251	373	182	160	75
SK 8x75/200D/PKI		251	373	222	200	75

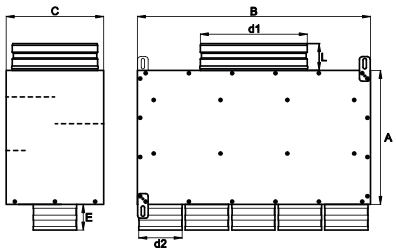




Five-spigot flat manifold with PK spigot

Dimensions

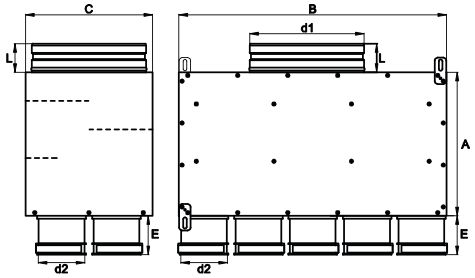
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 5x75/125P/PK	standard	251	468	152	125	75
SK 5x75/125P/PKI	insulated	251	468	152	125	75



Two-row ten-spigot manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 10x75/160D/PK	standard	282	468	182	160	75
SK 10x75/200D/PK		282	468	222	200	75
SK 10x75/160D/PKI	insulated	282	468	182	160	75
SK 10x75/200D/PKI		282	468	222	200	75

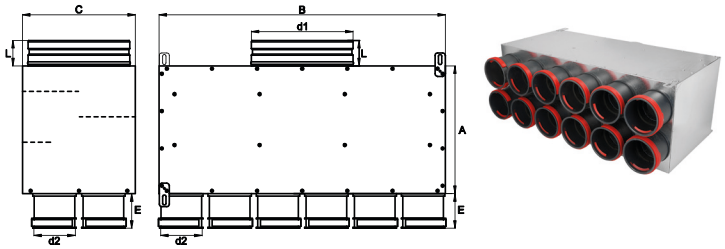


Two-row manifolds with PK spigot

Two-row twelve-spigot manifold with PK spigot

Dimensions

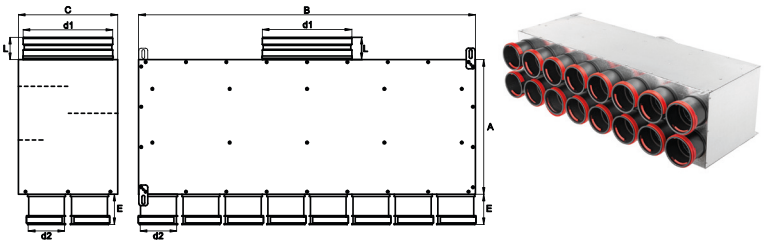
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 12x75/160D/PK	standard	251	563	182	160	75
SK 12x75/200D/PK		251	563	222	200	75
SK 12x75/160D/PKI	insulated	251	563	182	160	75
SK 12x75/200D/PKI		251	563	222	200	75



Two-row sixteen-spigot manifold with PK spigot

Dimensions

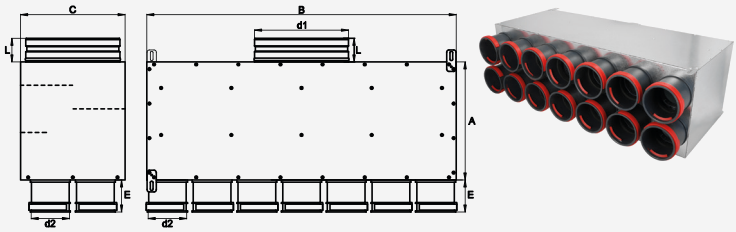
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 16x75/160D/PK	standard	301	753	182	160	75
SK 16x75/200D/PK		301	753	222	200	75
SK 16x75/160D/PKI	insulated	301	753	182	160	75
SK 16x75/200D/PKI		301	753	222	200	75



Two-row fourteen-spigot manifold with PK spigot

Dimensions

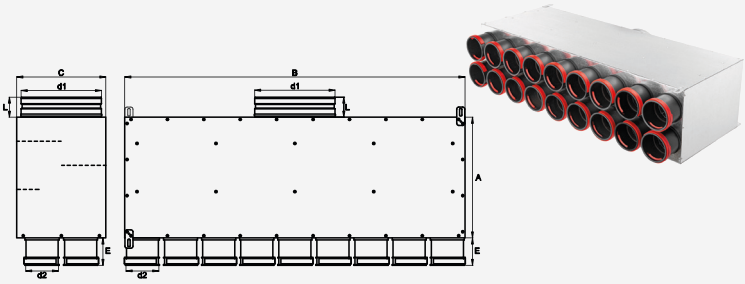
Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 14x75/160D/PK	standard	251	658	182	160	75
SK 14x75/200D/PK		251	658	222	200	75
SK 14x75/160D/PKI	insulated	251	658	182	160	75
SK 14x75/200D/PKI		251	658	222	200	75



Two-row eighteen-spigot manifold with PK spigot

Dimensions

Index	Type	Dimensions [mm]				
		A	B	C	D1	D2
SK 18x75/200D/PK	standard	301	848	222	200	75
SK 18x75/200D/PKI	insulated	301	848	222	200	75

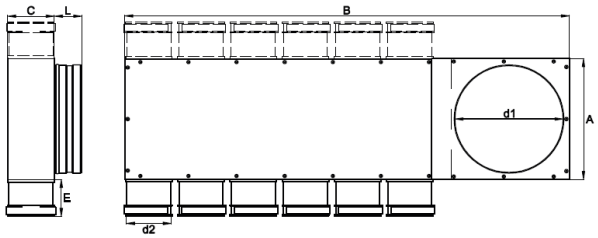


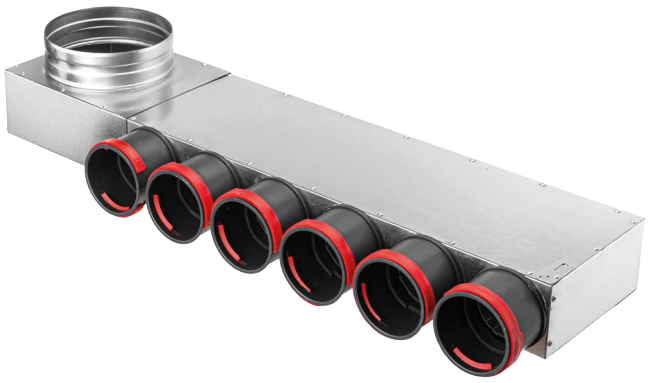
Flat manifolds with PK spigot (left/right reversible)

Six-spigot flat manifold (left-/right-handed) with PK spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 6x75/160/L/P/PK	183	771	85	160	75
SK 6x75/200/L/P/PK	223	811	85	200	75
SK 6x75/160/L/P/PK/I	183	771	85	160	75
SK 6x75/200/L/P/PK/I	223	811	85	200	75

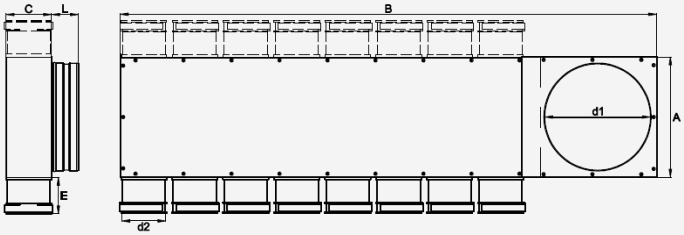




Eight-spigot flat manifold (left-/right-handed) with PK spigot

Dimensions

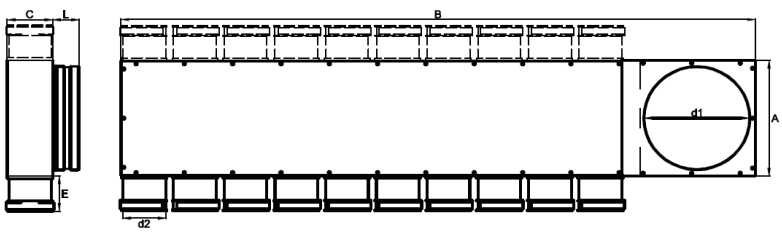
Index	Index				
	A	B	C	D1	D2
SK 8x75/160/L/P/PK	183	961	85	160	75
SK 8x75/200/L/P/PK	223	1,001	85	200	75
SK 8x75/160/L/P/PK/I	183	961	85	160	75
SK 8x75/200/L/P/PK/I	223	1,001	85	200	75



Ten-spigot flat manifold (left-/right-handed) with PK spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 10x75/160/L/P/PK	183	1,151	85	160	75
SK 10x75/200/L/P/PK	223	1,191	85	200	75
SK 10x75/160/L/P/PK/I	183	1,151	85	160	75
SK 10x75/200/L/P/PK/I	223	1,191	85	200	75

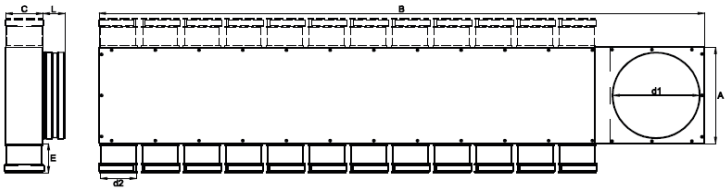


Flat manifolds with PK spigot (left/right reversible)

Twelve-spigot flat manifold (left-/right-handed) with PK spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 12x75/160/L/P/PK	183	1,341	85	160	75
SK 12x75/200/L/P/PK	223	1,381	85	200	75
SK 12x75/160/L/P/PK/I	183	1,341	85	160	75
SK 14x75/200/L/P/PK/I	223	1,381	85	200	75



Fourteen-spigot flat manifold (left-/right-handed) with PK spigot

Dimensions

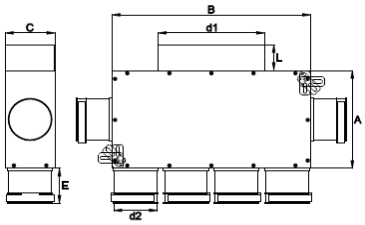
Index	Index				
	A	B	C	D1	D2
SK 14x75/160/L/P/PK	183	1,531	85	160	75
SK 14x75/200/L/P/PK	223	1,571	85	200	75
SK 14x75/160/L/P/PK/I	183	1,531	85	160	75
SK 14x75/200/L/P/PK/I	223	1,571	85	200	75

Flat manifolds with PK spigot

Six-spigot flat manifold with rectangular outlet with PK spigot

Dimensions

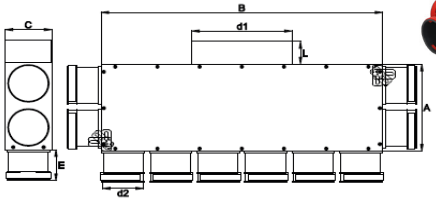
Index	Index				
	A	B	C	D1	D2
SK 6x75/200x90/PK	191	373	93	200x90	75
SK 6x75/200x90/PK/I	191	373	93	200x90	75
SK 6x75/200x50/PK	191	373	93	200x50	75
SK 6x75/200x50/PK/I	191	373	93	200x50	75

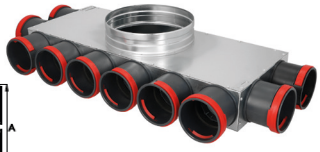


Ten-spigot flat manifold with rectangular outlet with PK spigot

Dimensions

Index	Index				
	A	B	C	D1	D2
SK 10x75/200x90/PK	191	563	93	200x90	75
SK 10x75/200x90/PK/I	191	563	93	200x90	75
SK 10x75/200x50/PK	191	563	93	200x50	75
SK 10x75/200x50/PK/I	191	563	93	200x50	75

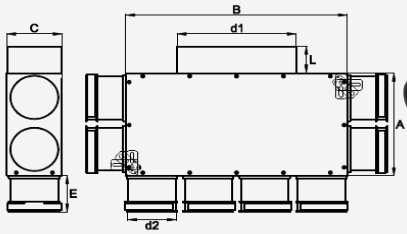




Eight-spigot flat manifold with rectangular outlet with PK spigot

Dimensions

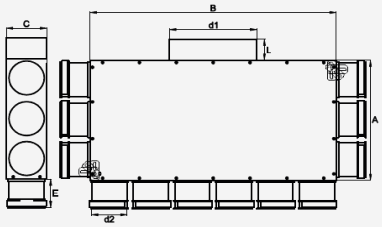
Index	Index				
	A	B	C	D1	D2
SK 8x75/200x90/PK	191	373	85	200x90	75
SK 8x75/200x90/PK/I	191	373	85	200x90	75
SK 8x75/200x50/PK	191	373	85	200x50	75
SK 8x75/200x50/PK/I	191	373	85	200x50	75

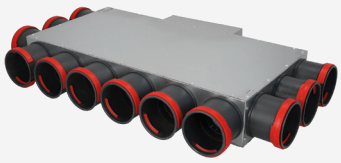


Twelve-spigot flat manifold with rectangular outlet with PK spigot

Dimensions

Index					
	A	B	C	D1	D2
SK 12x75/200x90/PK	282	563	93	200x90	75
SK 12x75/200x90/PK/I	282	563	93	200x90	75
SK 12x75/200x50/PK	282	563	93	200x50	75
SK 12x75/200x50/PK/I	282	563	93	200x50	75

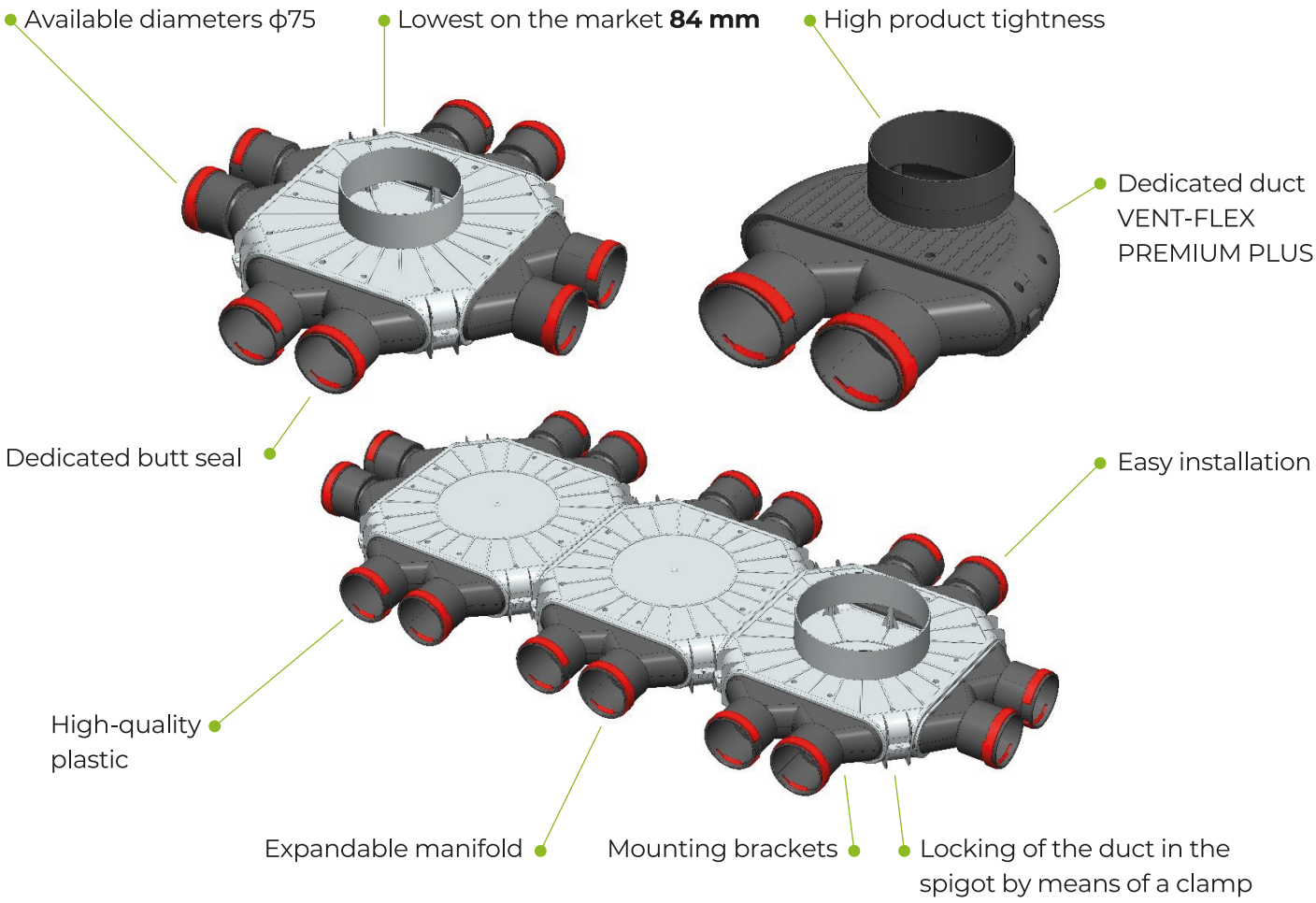




TPK manifold system - NEW

The PRODMAX TPK manifold system is a ventilation system made of durable polyethylene. The robust structure guarantees trouble-free operation for many years. The connecting spigots have a dedicated butt seal, making the installation of the duct extremely simple. In addition, the PK spigots have a special pin to lock the VENT-FLEX PREMIUM PLUS tube. **The new TPK manifold system** is characterised by its low height allowing it to be embedded in a ceiling or wall. The specially manufactured structure ensures high mechanical strength. Thanks to their special design, the manifolds can be configured as required. All boxes and manifolds have brackets including mounting studs for easy installation in many locations. Boxes and manifolds are equipped with blanking caps as standard, which enable selecting the appropriate spigot for connecting the VENT-FLEX PREMIUM PLUS duct.

System features

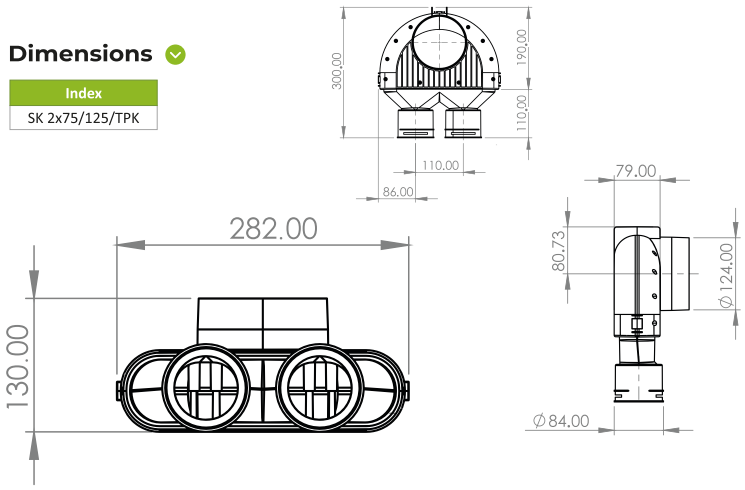


TPK boxes and manifolds

Two-spigot plenum box TPK

Dimensions

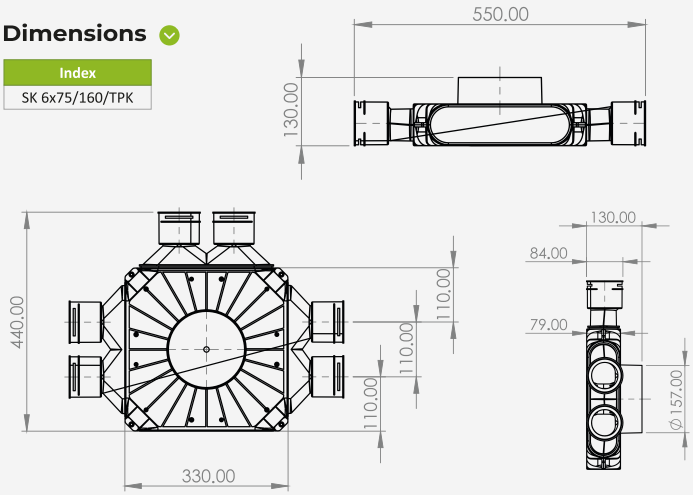
Index
SK 2x75/125/TPK

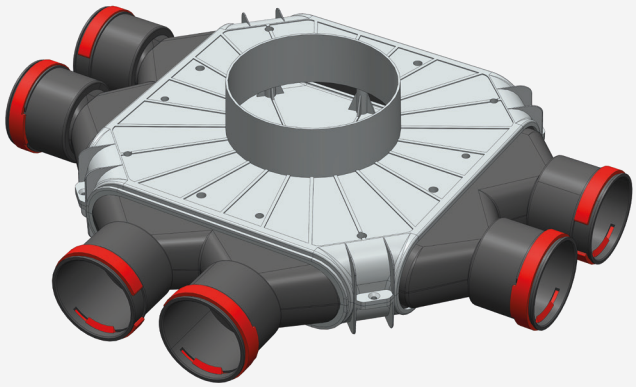


Six-spigot flat manifold TPK

Dimensions

Index
SK 6x75/160/TPK

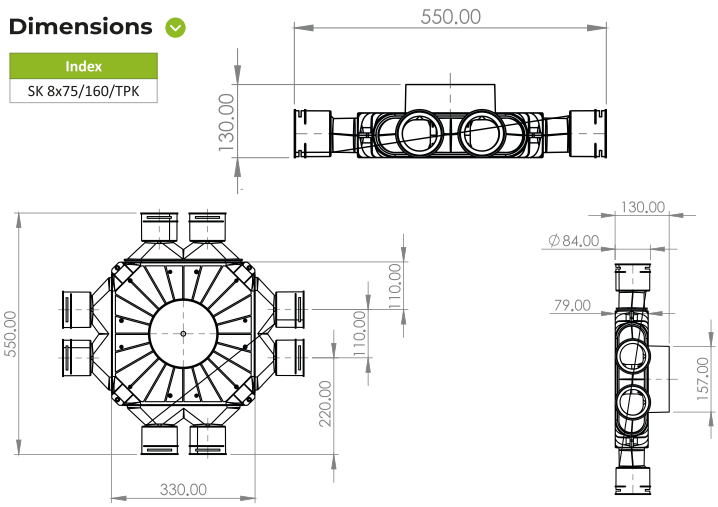


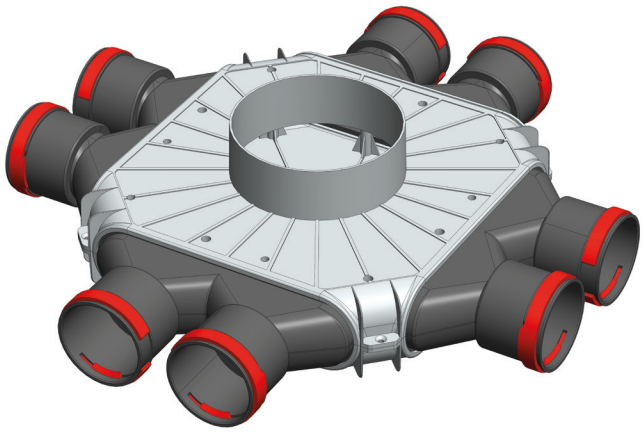


Eight-spigot flat manifold TPK

Dimensions

Index
SK 8x75/160/TPK



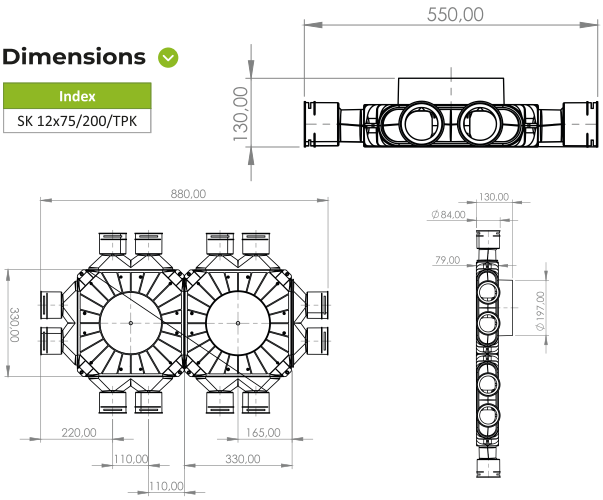


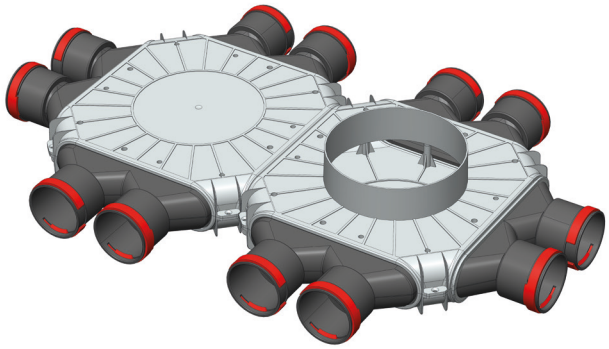
TPK boxes and manifolds

Twelve-spigot flat manifold TPK

Dimensions

Index
SK 12x75/200/TPK

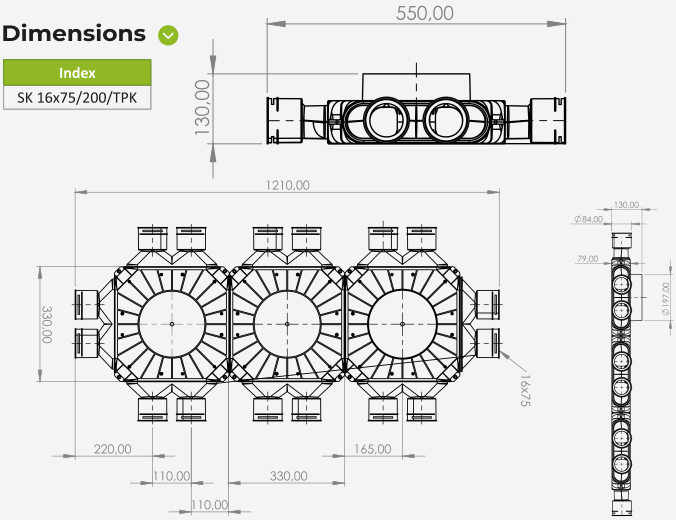


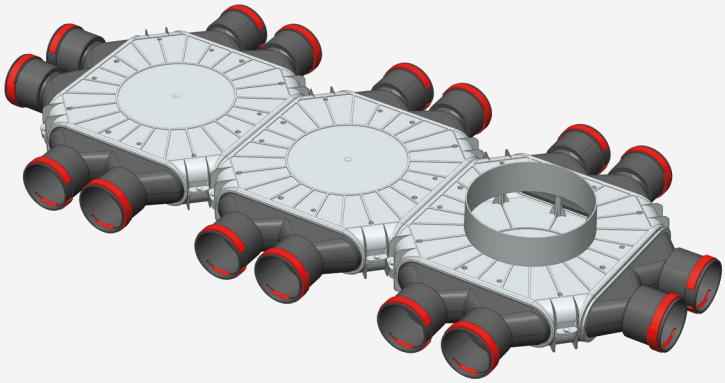


Sixteen-spigot flat manifold TPK

Dimensions

Index
SK 16x75/200/TPK





Installation accessories

Blind plug

Dimensions

Index	D
SK05/63	63
SK05/75	75
SK05/90	90
SK05/125	125
SK05/75/PK	75

Fitting for GM system

Dimensions

Index	D
SK03/63/GM	63
SK03/75/GM	75
SK03/90/GM	90

Gasket for OC system

Dimensions

Index	D
SK06/63	63
SK06/75	75
SK6/90	90

Tube holder

Dimensions

Index	D
SK10	75

Fitting for OC system

Dimensions

Index	D
SK03/63	63
SK03/75	75
SK03/90	90

Cap for GM system

Dimensions

Index
SK05/75/GM

Installation accessories

Reinforced aluminium tape

Dimensions

Index	D
SK04/50x50/350	50x50

Damped damper

Dimensions

Index	D
SK02/100	100
SK02/125	125
SK02/160	160

Smooth aluminium tape

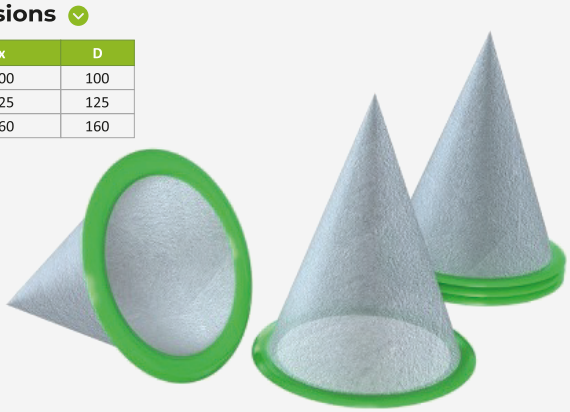
Dimensions

Index	D
SK04/50x50	50x50

Conical filters

Dimensions

Index	D
FSA/100	100
FSA/125	125
FSA/160	160



Blade

Dimensions

Index	D
SK10/50	50
SK10/63	63
SK10/75	75
SK10/90	90

Perforated tape

Dimensions

Index	D
SK08	17/25

SPIRO SYSTEM (circular air distribution systems)

From the outset, SPIRO ventilation systems provide the highest quality in line with market needs and expectations. This is an excellent solution for any investment project. Ventilation elements can be used in commercial, office and industrial buildings alike. Our products are installed in shopping centres, residential buildings, hospitals, hotels, swimming pools and other sports facilities. They are manufactured in a diameter range of 80 mm to 1,250 mm in accordance with applicable standards. Everything available in one place! We also provide expert advice, fast turnaround times and full support. Discover our advantages!

System features

Available diameters 80mm-1,250mm

High workmanship quality

A system with a gasket is also available

Easy installation

Wide range of fittings

Galvanised steel

Nipple connection

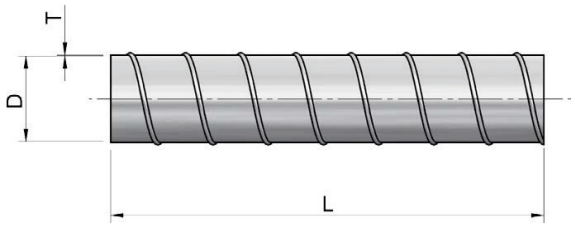
KOT certification (National Technical Assessment)

Air distribution system - SPIRO

Tube L-3000

Dimensions

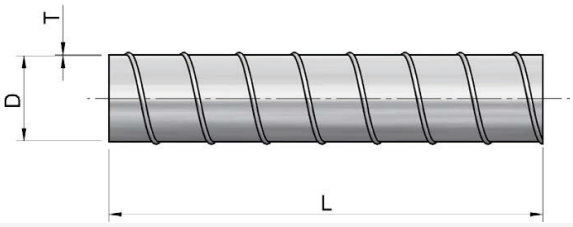
Index	Dimension [mm]	
	D	L
PRS02	125	3,000
PRS04	160	3,000
PRS05	200	3,000
PKS06	250	3,000



Tube L-1500 / L-1000

Dimensions

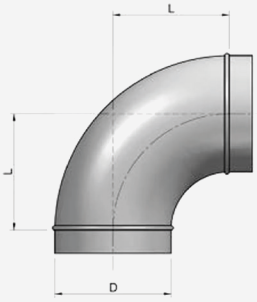
Index	Dimension [mm]	
	D	L
PRS89	125	1,500
PRS80	160	1,500
PRS81	200	1,500
PKS62	250	1,000



Elbow 90*

Dimensions

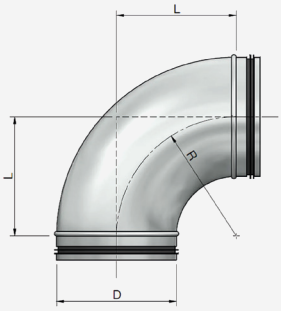
Index	Dimension [mm]	
	D	L
PKT06	125	125
PKT07	160	160
PKT08	200	200
PKS06	250	250



Elbow 90* with gasket

Dimensions

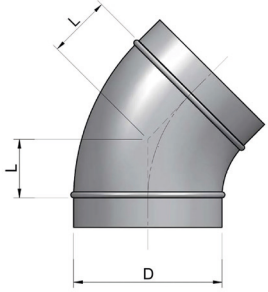
Index	Dimension [mm]	
	D	L
PKT06	125	125
PKT07	160	160
PKT08	200	200
PKS06	250	250



Elbow 45*

Dimensions

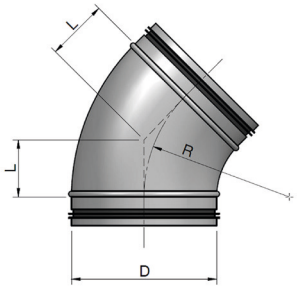
Index	Dimension [mm]	
	D	L
PKT02	125	52
PKT03	160	66
PKT04	200	83
PKS02	250	67



Elbow 45* with gasket

Dimensions

Index	Dimension [mm]	
	D	L
PKT74	125	52
PKT75	160	66
PKT70	200	83
PKS196	250	67

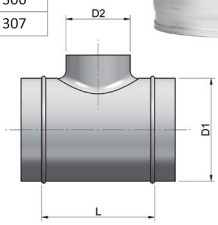


Air distribution system - SPIRO

T-piece 90*

Dimensions

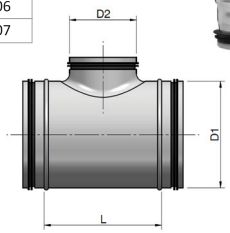
Index	Dimension [mm]	
	D	L
PKS43	125/125	184
PKS40	160/125	229
PKS45	160/160	229
PKS47	200/160	281
PKS48	200/200	281
PKS50	250/200	306
PKS51	250/250	307



T-piece 90* with gasket

Dimensions

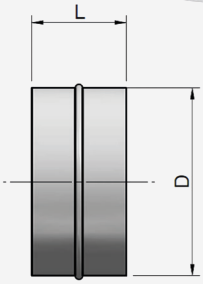
Index	Dimension [mm]	
	D	L
PKS153	125/125	184
PKS159	160/125	229
PKS58	160/160	229
PKS186	200/160	281
PKS141	200/200	281
PKS160	250/200	306
PKS59	250/250	307



Nipple

Dimensions

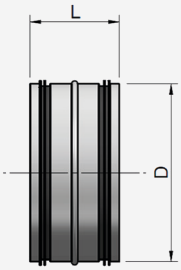
Index	Dimension [mm]	
	D	L
PKS73	125	100
PKS74	160	100
PKS75	200	100
PKS76	250	100



Nipple with gasket

Dimensions

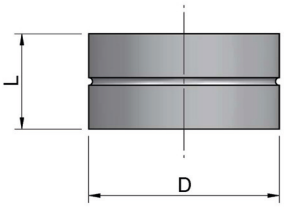
Index	Dimension [mm]	
	D	L
PKS84	125	100
PKS85	160	100
PKS86	200	100
PKS87	250	100



Sleeve

Dimensions

Index	Dimension [mm]	
	D	L
PKS64	125	100
PKS65	160	100
PKS66	200	100
PKS67	250	100



Clamp with gasket

Dimensions

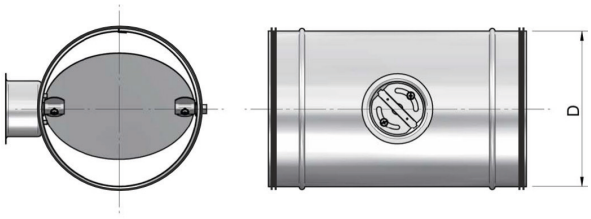
Index	Dimension [mm]	
	D	L
POO16	125	100
POO17	160	100
POO13	200	100
POO18	250	100

Air distribution system - SPIRO

Damper PJK-TYPE C

Dimensions

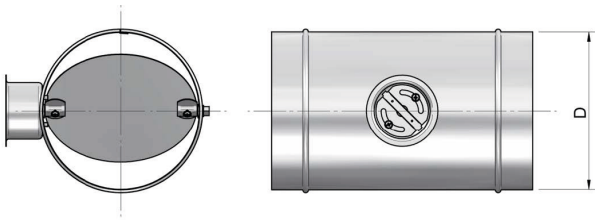
Index	Dimension [mm]	
	D	L
PKS24	125	100
PK129	160	100
PKS239	200	100
PKS27	250	100



Damper PJK-TYPE C with gasket

Dimensions

Index	Dimension [mm]	
	D	L
PKS187	125	100
PKS129	160	100
PKS239	200	100
PKS227	250	100



Silencer

Dimensions

Index	Dimension [mm]	
	D	L
PKS185	125	600
PKS1492	125	900
PKS195	160	600
PKS1493	160	900
PKS192	200	600
PKS1494	200	900

Insulated duct

Dimensions

Index	Dimension [mm]	
	D	L
DPO38/102	102	5mb
DPO38/127	125	5mb
DPO38/163	163	5mb
DPO38/203	203	5mb
DPO39/102	102	10mb
DPO39/127	125	10mb
DPO39/163	163	10mb
DPO39/203	203	10mb

DPP SYSTEM (rectangular air distribution systems)

Ventilation systems discharge exhaust air from the building to the outside. The correct operation of a ventilation system depends to a large extent on the quality of the materials used and the careful manufacture of individual components. Chimneys and ventilation ducts as well as other ventilation components are of particular importance. It is important to remember that the quality of the air we breathe, and therefore our health and well-being, depends on the ventilation. Rectangular ventilation systems are used, among other things, as gravitational and mechanical (recuperative) ventilation systems. The components are produced from galvanised steel sheet with the thickness of 0.5 mm. All components are made by point welding. The components are joined together with male connectors. The range of dimensions of the produced components gives you the full opportunity to assemble appropriate systems, depending on your individual needs. Rectangular fittings allow for even the most complicated installations. We also produce components as ordered individually by the Customer.

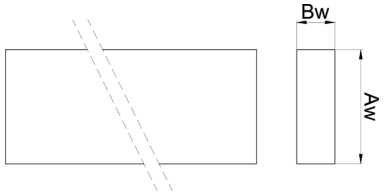
System features

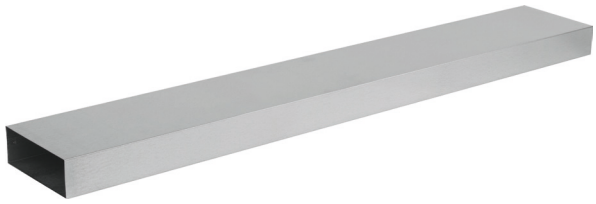
Rectangular duct system - galvanised

Straight duct 1 m

Dimensions

Index	Dimension	
	A	B
DPP01	200	50
DPP01	150	50
DPP01	200	90

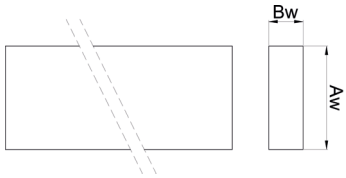


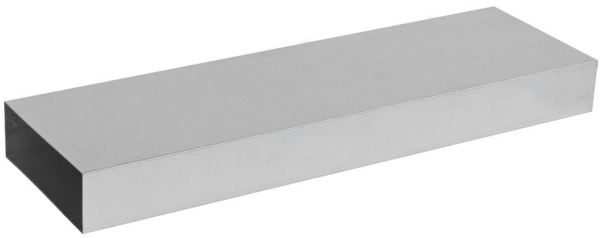


Straight duct 0.5 m

Dimensions

Index	Dimension		
	A	B	C
DPP02	200	50	130
DPP02	150	50	130
DPP02	200	90	130

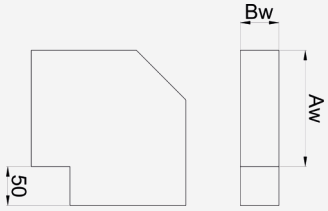


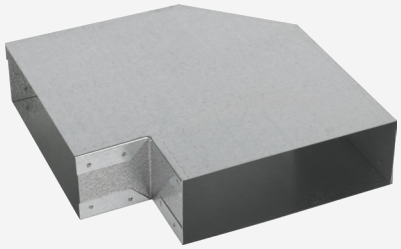


Flat elbow 90*

Dimensions

Index	Dimension		
	A	B	C
DPP05	200	50	250
DPP05	150	50	250
DPP05	200	90	250

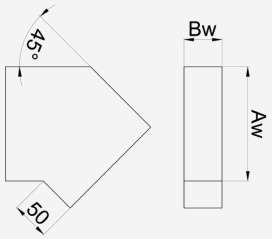


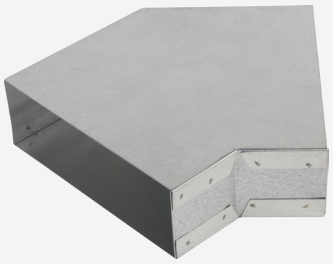


Flat elbow 45*

Dimensions

Index	Dimension		
	A	B	C
DPP04	200	50	300
DPP04	150	50	300
DPP04	200	90	300

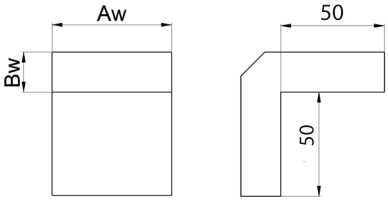




Elbow: wall - ceiling

Dimensions

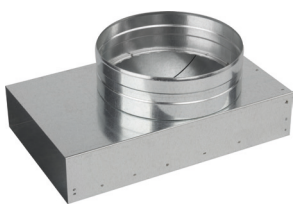
Index	Dimension		
	A	B	C
DPP03	200	50	50
DPP03	150	50	50
DPP03	200	50	50

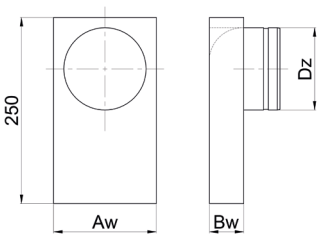


Round outlet fitting

Dimensions

Index	Dimension		
	D1	A	B
DPP16/150X50/100	100	150	50
DPP16/150X50/125	125	150	50
DPP16/200X50/100	100	200	50
DPP16/200X50/125	125	200	50
DPP16/200X50/160	160	200	50
DPP16/200X50/200	200	200	50
DPP16/200X90/100	100	200	90
DPP16/200X90/125	125	200	90
DPP16/200X90/160	160	200	90
DPP16/200X90/200	200	200	90



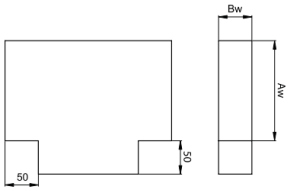


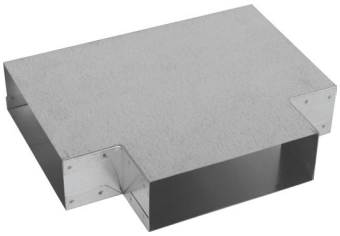
Rectangular duct system - galvanised

T-piece 90*

Dimensions

Index	Dimension		
	A	B	C
DPP06	200	50	300
DPP06	150	50	300
DPP06	200	90	300

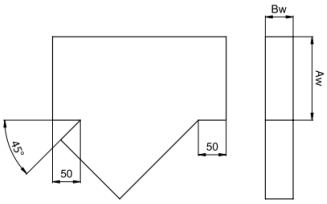


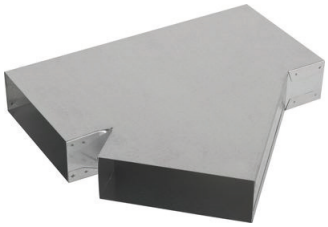


T-piece 45*

Dimensions

Index	Dimension	
	A	B
DPP07	150	50
DPP07	200	50
DPP07	200	90

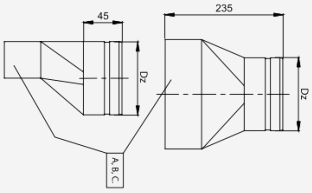




Unsymmetrical reducing piece with round outlet

Dimensions

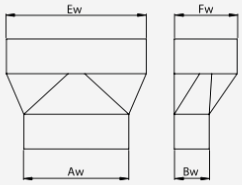
Index	Dimension		
	D1	A	B
DPP21/150X50/100	100	150	50
DPP21/150X50/125	125	150	50
DPP21/200X50/100	100	200	50
DPP21/200X50/125	125	200	50
DPP21/200X50/160	160	200	50
DPP21/200X50/200	200	200	50
DPP21/200X90/100	100	200	90
DPP21/200X90/125	125	200	90
DPP21/200X90/160	160	200	90
DPP21/200X90/200	200	200	90



Unsymmetrical reducing piece with rectangular output

Dimensions

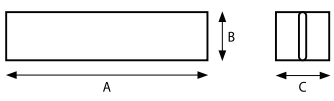
Index	Dimension	
	A	B
DPP23/20X9/15X5	200x90	150x50
DPP23/20X5/20X9	200x50	200x90
DPP23/15X5/20X5	150x50	200x50



Nipple

Dimensions

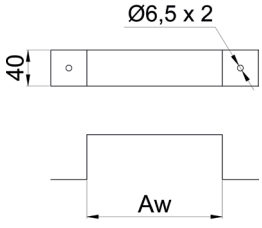
Index	Dimension		
	A	B	C
DPP18	200	50	55
DPP18	150	50	55
DPP18	200	90	55



Mounting Clamp

Dimensions

Index	Dimension		
	A	B	C
DPP19	200	50	55
DPP19	150	50	55
DPP19	200	90	55

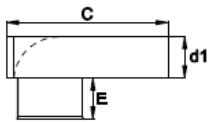


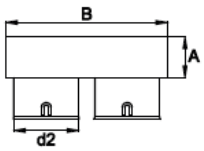
Rectangular duct system - galvanised

Vent-Flex transition fitting

Dimensions

Index	Dimension				
	A	B	C	D1	D2
DPP VF/2x75/200x50	50	200	200	200x50	75
DPP VF/2x75/150x50	50	150	200	150x50	75
DPP VF/2x75/200x90	90	200	200	200x90	75



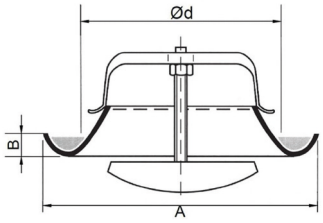


Ventilation accessories

Supply air diffuser SAV white

Dimensions

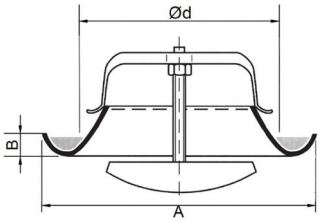
Index	D
PZC03	100
PZC04	125
PZC05	160
PZC06	200



Exhaust air diffuser EAV white

Dimensions

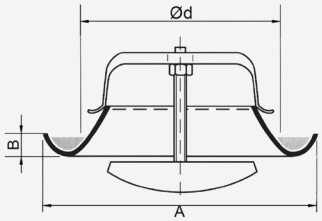
Index	D
PZC07	100
PZC08	125
PZC09	160
PZC10	200



Supply air diffuser SAV-BL black

Dimensions

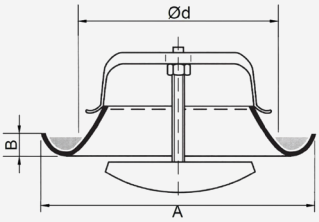
Index	D
PZC84	100
PZC85	125
PZC86	160
PZC87	200



Extract air diffuser EAV-BL black

Dimensions

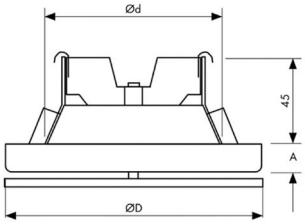
Index	D
PZC88	100
PZC89	125
PZC90	160
PZC91	200



Supply diffuser AVS Scandinavian

Dimensions

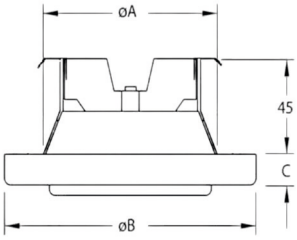
Index	D
PZC76	100
PZC77	125
PZC78	160
PZC79	200



Exhaust diffuser AVE Scandinavian

Dimensions

Index	D
PZC80	100
PZC81	125
PZC82	160
PZC83	200



Ventilation accessories

Air intake/exhaust with hood

Dimensions

Index	D
DPO24	125
DPO24	160
DPO24	180
DPO24	200
DPO24	250
DPO24	315

Spherical air intake/exhaust

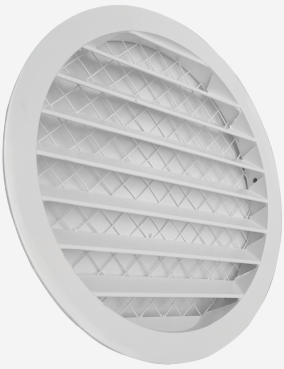
Dimensions

Index	D
DPO81	100
DPO81	125
DPO81	150
DPO81	160
DPO81	200
DPO81	160
DPO81	200

Air intake/exhaust aluminium

Dimensions

Index	D
DPO60	125
DPO60	150
DPO60	160
DPO60	200
DPO60	250
DPO60	315
DPO60	355
DPO60	400



Supply/exhaust diffuser SAV stainless steel

Dimensions

Index	D
PZC72	100
PZC73	125
PZC74	160
PZC75	200

Ball jet diffuser

Dimensions

Index	D
PZC32	100
PZC33	125
PZC34	160
PZC35	200

Ground air intake

Dimensions

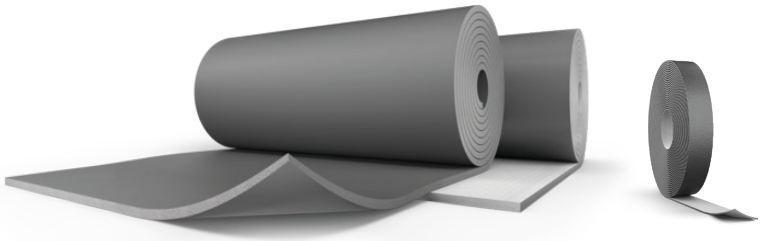
Index	D
SK07	200
SK07	250
SK07	300
SK07	315
SK07	400

Insulations

Insulating mat rubber

Dimensions

Index	Thickness [mm]	Width [mm]	Packing [m2]
Kaiflex 6	6	1,000	30
Kaiflex 10	10	1,000	20
Kaiflex 13	13	1,000	14
Kaiflex 19	19	1,000	10
Kaiflex 25	25	1,000	8
Kaiflex 32	32	1,000	6
Kaiflex 40	40	1,000	5.5
Kaiflex 50	50	1,000	4
T 50 tape	3	15 MB	1



Adhesive rock wool

Dimensions

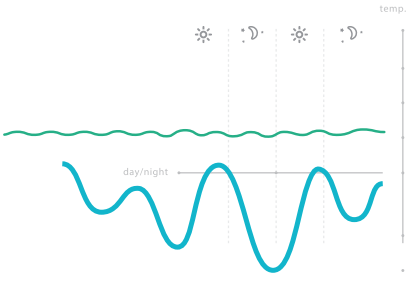
Index	Thickness [mm]	Width [mm]	Packing [m2]
KLIMAFIX 20/10	20	1,000	10
KLIMAFIX 30/8	30	1,000	8
KLIMAFIX 40/6	40	1,000	6
KLIMAFIX 50/5	50	1,000	5

GHE – Ground Heat Exchange

A ground heat exchanger, or GHE for short, is a system located below the ground surface and below the freezing zone, where the temperature fluctuates slightly throughout the year. This system supplies pre-treated outside air to the interior of buildings, with mechanical ventilation fitted with a recuperator.

GHE in winter - How does it work?

In winter, when temperatures can drop to -20 oC, preheating the air in the GHE to +1 oC results in real savings on heating.

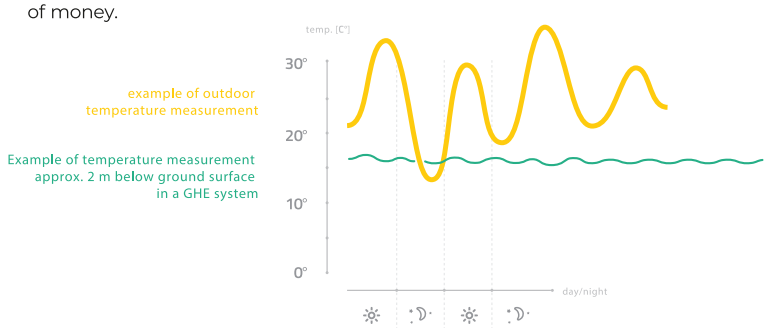


The advantages of using a GHE

- The use of a GHE in the entire supply and exhaust ventilation system with heat recovery significantly reduces the power consumption of the recuperator (the maintenance of the temperature above 0°C in the GHE eliminates the activation of the heater in winter), improves the air quality in the building, and also lowers the building heating costs.
- During the summer season, the GHE acts as a fully environmentally-friendly, almost free air conditioner - the minimal power consumption is due to the operation of the fans forcing the air through it.
- In winter, it protects the mechanical ventilation-system components (recuperator) against freezing and frosting!
- The GHE humidifies the flowing air, which has a significant impact on the comfort of the household members

A GHE in summer - How does it work?

Cooling the air in summer from 35 oC to 17 oC provides a pleasant, cool air supply inside the building. With this solution, the purchase of an air conditioner becomes unnecessary, saving you considerable amounts of money.



As a manufacturer and supplier, we also provide:

Professional advice

Our sales advisers are always at your service. They will help you choose the right equipment, prepare a bill of materials or share their expertise in mechanical ventilation.

Professional advice

As one of the few manufacturers in Poland, we offer a comprehensive mechanical ventilation system to our customers with a wide range of products tailored to the individual needs of each customer.

Warranty and service

Our equipment comes with a two-year warranty, with the option to extend it to five years. Every customer who buys our recuperators is covered not only by the guarantee but also by the automatic support of our service. We always give advice over the phone and, in the event of a major breakdown, come to help you on site.

Training for installers

We organise regular training courses on mechanical ventilation systems, where you will be able to learn more about our installation systems or air handling units. Our training courses include knowledge of building regulations and EU standards, but also the selection, installation and operation of our recuperators. At the end of the training, the participants receive a completion certificate.

Service training

Upon your request, we will also organise a service training course in which you will learn in detail about the design of our air handling units. On completion of the training course, you will receive a certificate entitling you to service our equipment yourself.

Project

Members of our design department will share their knowledge, ideas and ideas with you to create and select the right system for you.

Working with us in 4 easy steps

PRODMAX
Heat recovery system

1 You send your enquiry to us at sprzedaz@prodmax.pl or to your account manager attaching:

- The design of your home, which must have the dimensions, height and purpose of each room
- Information on where you want to place the recuperator

2 We select the best option for you

- Our designers will review the design and other documentation you send us
- We calculate the need for supplied and extracted air in appropriate proportions
- We select suitable plenum boxes and manifolds together with the other components of the system
- We select a suitable piece of equipment taking into account possible air flow resistance
- We prepare a quotation with a detailed design of the system superimposed on your building

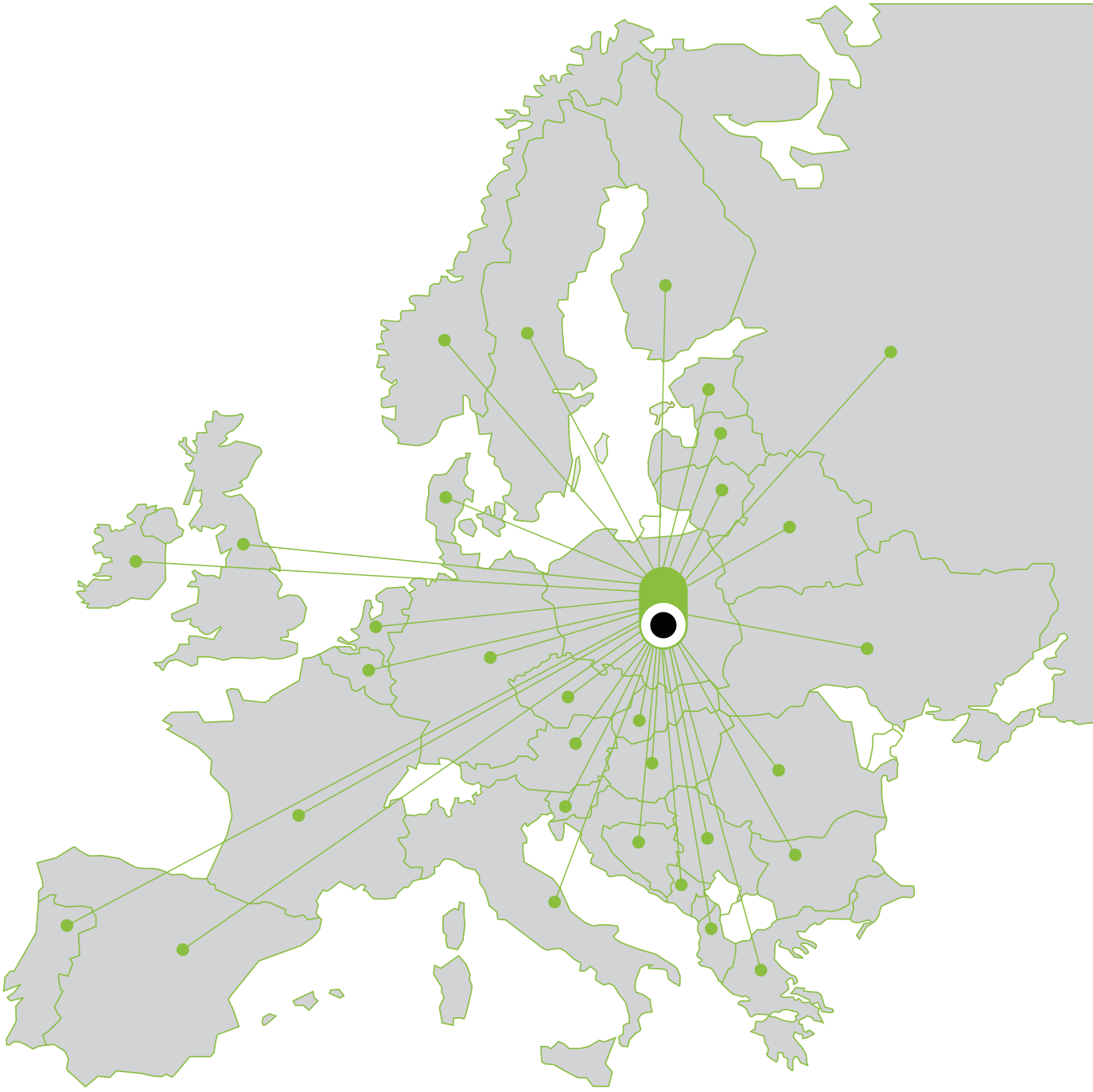
3 Reference to a proposal containing:

- The air balance for your home A technical description with recommendations for system implementation
- Bill of materials Price proposal

4 Confirmation of order fulfilment:

- You confirm the proposal we sent to you, and we fulfil the order at a time convenient to you

CONTACT DETAILS



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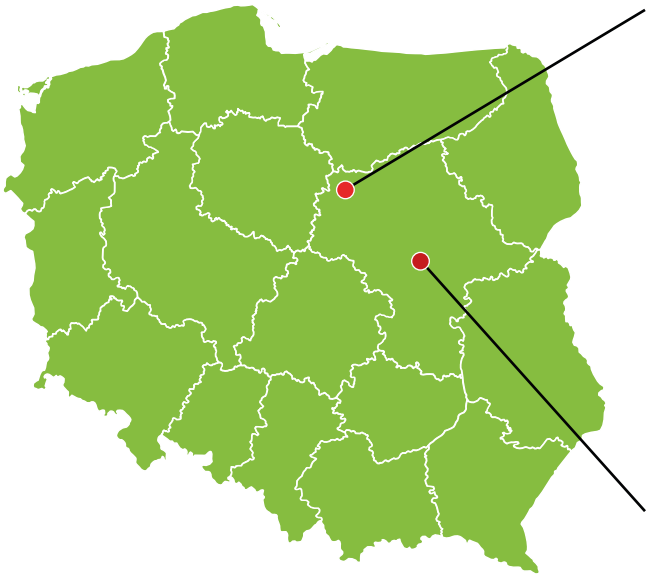

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PRODMAX

Heat recovery system

Heat recovery system
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Chimney Systems

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