

easyFan

Installation and operating instructions



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1 General remarks

This document contains installation and operating instructions for the getAir easyFan. Though its contents have been checked for consistency with the described hard- and software, deviations cannot be ruled out, meaning that no guarantee of complete consistency can be given. This documentation is updated on a regular basis. Necessary corrections and useful addenda will always be included in subsequent versions. They are also available at www.getair.eu/downloads/.

1.1 Usage

The easyFan is suitable for use in the controlled ventilation of residential buildings (houses, apartments, hotels, public buildings and offices). It can be installed either in new buildings or in existing buildings undergoing refurbishment and/or modernisation. easyFan usage is authorised solely in accordance with the described use cases and only in association with components recommended by getAir GmbH & Co. KG and listed in this document. Other easyFan usages are not permitted. The system is unsuitable for extracting smoke or drying buildings, for rooms containing aggressive and/or caustic gases or extreme levels of dust.

To guarantee the fault-free and safe use of the system, it is vital to ensure appropriate transport and storage, professional planning and installation, as well as proper operation and maintenance. Modifications and reconfigurations of the unit / system are not permitted.

Before starting installation, the project needs to have been planned properly, detailing the number and positioning of the ventilation units and their associated controls, and the ventilation principle applied (cross-ventilation, single room ventilation, air extraction).

During planning, installation and operation, all relevant requirements, building and fire protection regulations and accident prevention regulations are to be complied with. In the planning phase, details need to be checked with the respective chimney sweep or ventilation expert.

1.2 Safety information

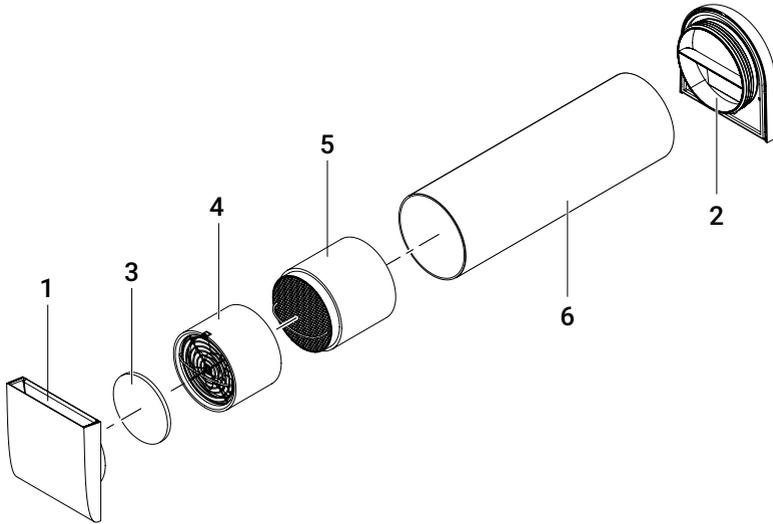
Attention is to be paid to the safety information contained in these instructions for installing and operating the control unit. Before any work is carried out on the unit / system, the instructions and safety information are to be read carefully in full. Non-compliance with the safety information can lead to harm/damage to persons and/or equipment.

Assembly, electrical installation and system start-up should only be performed by skilled persons. These are people with relevant safety training and qualified to install, commission and label equipment, systems and cabling in accordance with current safety standards.

The following list contains descriptions of the symbols and terms used in these instructions:

Hazard symbol		Caution	This hazard symbol warns about the danger of injury.
		Electricity	This hazard symbol warns about the danger of electrocution.
Warning symbol		Please note	This warning symbol indicates important information.

2 System overview

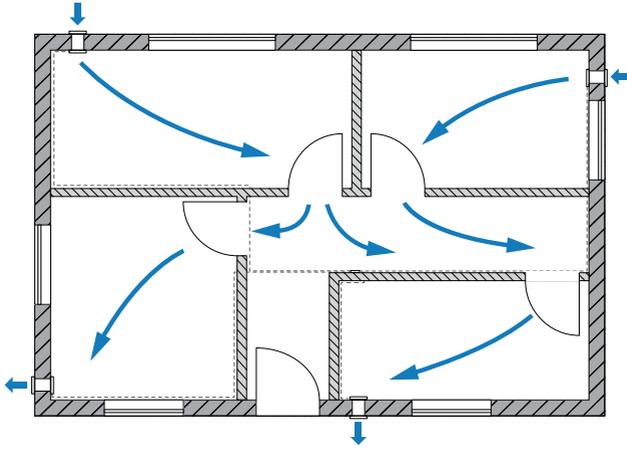


The easyFan consists of airflow-optimised covers for inside (1) and outside (2), a filter unit (3), a fan unit (4), a heat exchanger unit (5) and an mounting tube (6). The easyFan is always installed in an outside wall. The mounting tube into which the fan and heat exchanger units are inserted is sealed inside the wall. The inside and outside covers can be inserted without tools. They constitute the finishing elements of the system and ensure optimal airflow, thereby guaranteeing more efficient ventilation.

2.1 Functioning

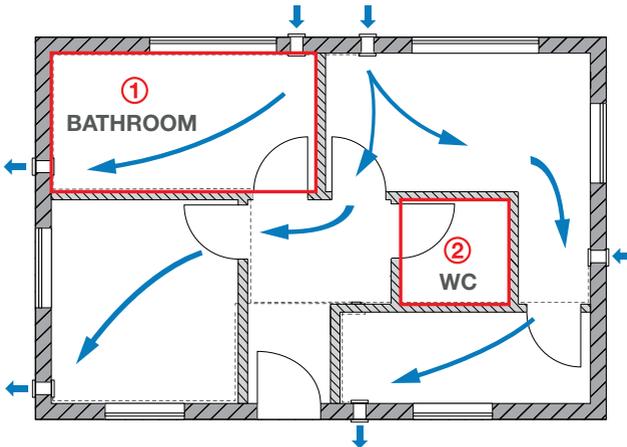
Wherever possible, easyFans should be operated in pairs, i.e. with one unit blowing in fresh air and the other expelling spent air. The units change direction concurrently after 50 - 70 seconds (depending on the selected fan speed). This allows a room to be properly aired, balancing air inflow and outflow in accordance with DIN 1946-6. The integrated heat exchanger extracts and stores heat from the outflowing air. When the direction changes and fresh air is sucked in, it is warmed by flowing over the heat exchanger. The heat recovery rate can reach 90%.

Example of optimal ventilation



TO ENSURE PROPER VENTILATION THROUGHOUT A BUILDING (I.E. NOT JUST IN ONE ROOM) IT IS IMPORTANT TO FORESEE FURTHER SUITABLE VENTILATION VENTS, FOR INSTANCE SPACE UNDER DOORS (CA. 15 - 20 MM) OR THE USE OF VENTILATION GRILLES.

Example for wet rooms

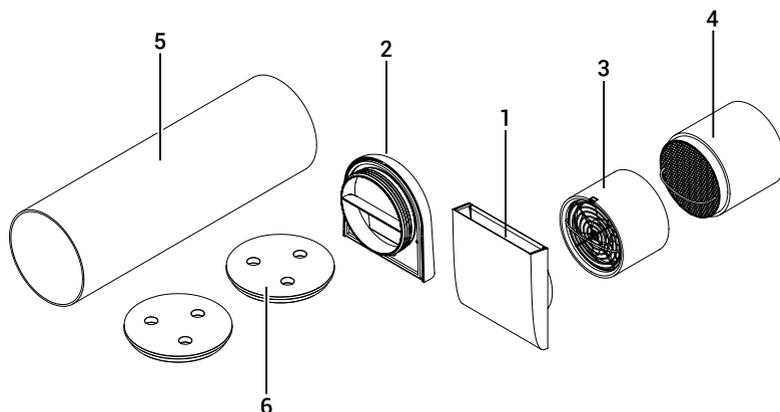


GENERALLY SPEAKING, WET ROOMS REQUIRE (1) TWO UNITS TO BE INSTALLED, AND (2) PRECAUTIONS TO BE TAKEN THAT WET ROOM AIR DOES NOT MIX WITH THE AIR OF OTHER ROOMS. THIS SYSTEM IS NOT SUITABLE FOR WET ROOMS WITH NO OUTSIDE WALL.

3 Installation preparations

Before starting installation, please check that all components are present, as otherwise it will not be possible to complete the installation.

3.1 Contents

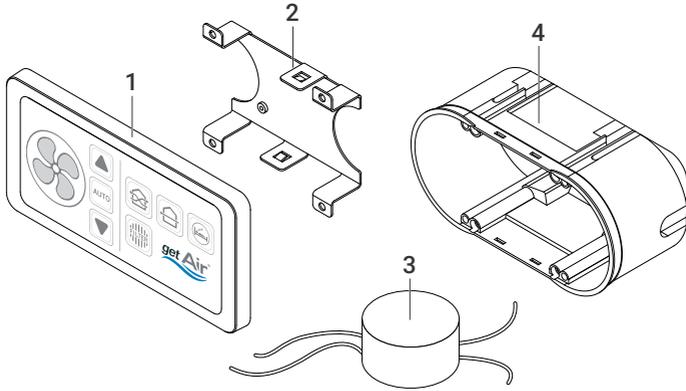


Article name	Item	Content	Number
Full easyFan set	1	easyFan inside cover and dust filter	1
	2	easyFan outside cover (dependent on the selected version)	1
	3	easyFan fan unit	1
	4	easyFan heat exchanger unit	1
	5	Mounting tube 500 mm	1
	6	Plastering cover	2

Article name	Item	Content	Number
easyFan building shell set	2	easyFan outside cover (dependent on the selected version)	1
	5	Mounting tube 500 mm	1
	6	Plastering cover	2

Article name	Item	Content	Number
easyFan finishing set	1	easyFan inside cover and dust filter	1
	3	easyFan fan unit	1
	4	easyFan heat exchanger unit	1

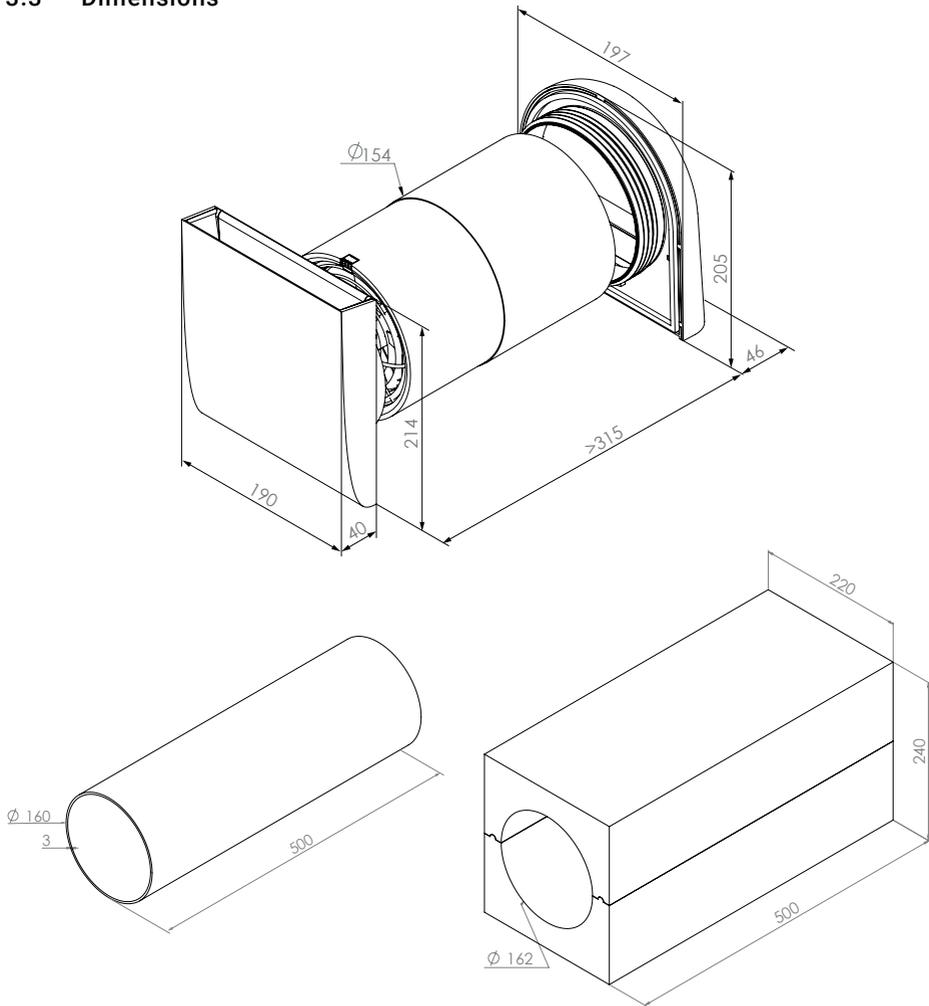
3.2 PUSH control unit components



Article name	Item	Content	Number
PUSH control unit	1	PUSH operating panel	1
	2	Frame	1
	3	Power supply unit	1
	4	Pattress box for the PUSH control unit*	1

* The pattress box is not included in the PUSH control unit set. It can be purchased from getAir as an accessory (see Accessories)

3.3 Dimensions



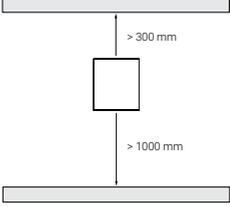
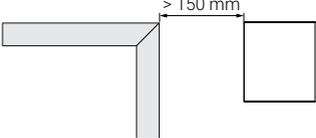
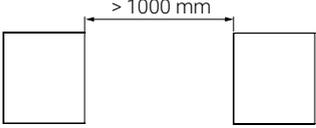
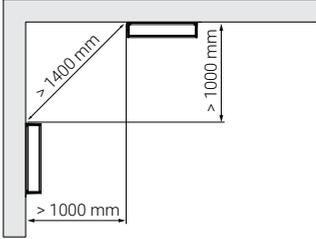
3.4 Required tools

The following equipment is needed to install the easyFan:

- Core drill with a Ø 162 mm bit
- Sabre saw for sawing plastic
- Mounting adhesive / sealant to fix the mounting tube in place
- Hammer and chisel for cable ducts / slits
- Deep pattress for flush mounting (single or double, dependent on the choice of installation)

3.5 Positioning

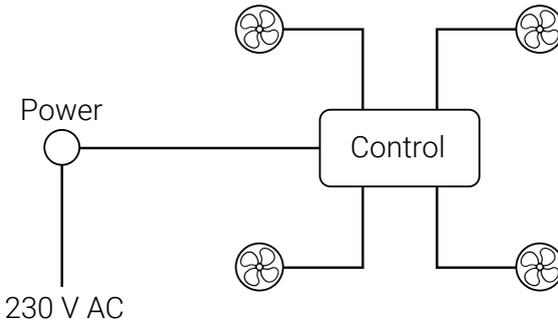
The best position for the easyFan is determined in the project planning phase. Please pay attention to the minimum distances, as otherwise no guarantee can be given that the units will function properly.

<p>Minimum distance to the ceiling and to the floor</p>	 <p>The minimum distance to the ceiling must not be less than 300 mm, and to the floor not less than 1000 mm.</p>
<p>Minimum distance to other objects (e.g. windows or doors) or walls</p>	 <p>The distance to other building elements such as windows, doors or other walls should be at least 150 mm, both inside and outside.</p>
<p>Minimum distance between two easyFan units on the same wall</p>	 <p>The distance between two units, whether horizontally or vertically, should not be less than 1000 mm.</p>
<p>Minimum distance between two easyFan units installed on two neighbouring walls</p>	 <p>When installing units on neighbouring walls, make sure that each unit is at least 1000 mm away from the other wall. In addition, the diagonal distance between the two units must not be less than 1400 mm.</p>

4 Electrical installation

easyFan units can only be operated in conjunction with a control unit, purchasable separately. Up to four easyFan units can be connected to one control unit. Where more than four easyFan units are needed, additional independent groups managed by further control units will be needed. The control unit can be installed anywhere. 3-pole cables (preferably LiYY cables with cross-sections between 0,25mm² and 0,75mm²) are required. To ensure adequate power, the cable length between the control unit and fan unit must not exceed 100 m.

Example of the wiring of four easyFans



4.1 Installation recommendations for the control unit

Install the control unit at standard wall height (105 cm distance to floor) in a deep pattress box. The power supply unit can also be installed in the box. The frame must be correctly positioned in the pattress box to allow the control panel to be clicked in. Please make sure that the bottom side of the control panel is unobstructed and that the opening for the humidity sensor is not blocked.

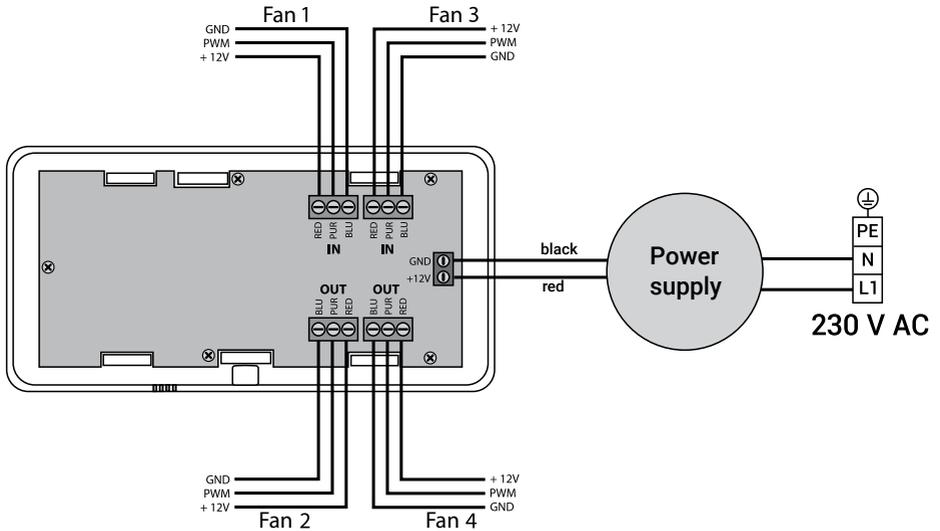


THE INSTALLATION IS TO BE DONE IN SUCH A WAY THAT THE 12V OUTPUT CABLE AND THE 230V INPUT CABLE ARE NOT ON THE SAME SIDE OF THE POWER SUPPLY (INSTALL THE 230 V CABLE UNDERNEATH).

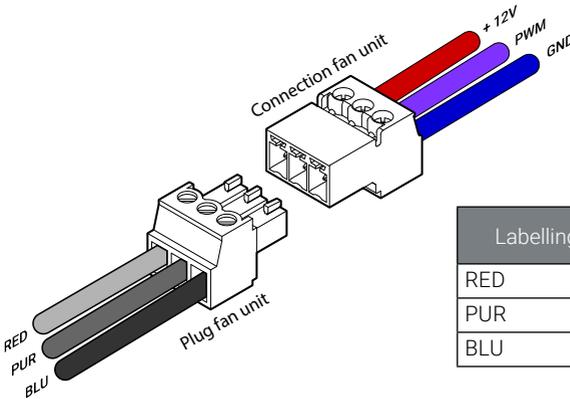
Instead of a power supply unit in a pattress box, a DIN rail power supply may be used. However, such a power supply requires a further cable duct for the cable to the fuse box.

4.2 Cabling and wiring

All electrical work must be performed by a qualified electrician. Make sure that all wiring is done correctly.



The starting direction of the fan is defined by the connector on the PCB (IN = Start direction supply air, OUT = Start direction exhaust air). The starting direction is also used in full-blast mode. To connect the control unit to the fan units, a 3-pin plug must be connected to the cable. The plug must be wired as shown below.



Labelling	Cable colour fan unit	Functioning
RED	Red	+12V
PUR	Purple	PWM
BLU	Blue	GND



INCORRECT WIRING CAN CAUSE DAMAGE TO THE FAN UNIT.

5 Installation



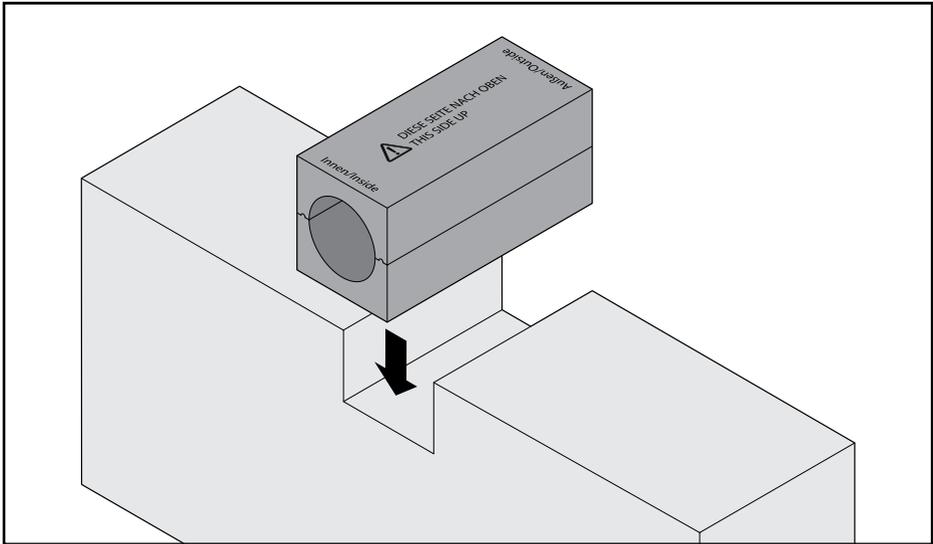
PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION.

5.1 Making the hole in the wall



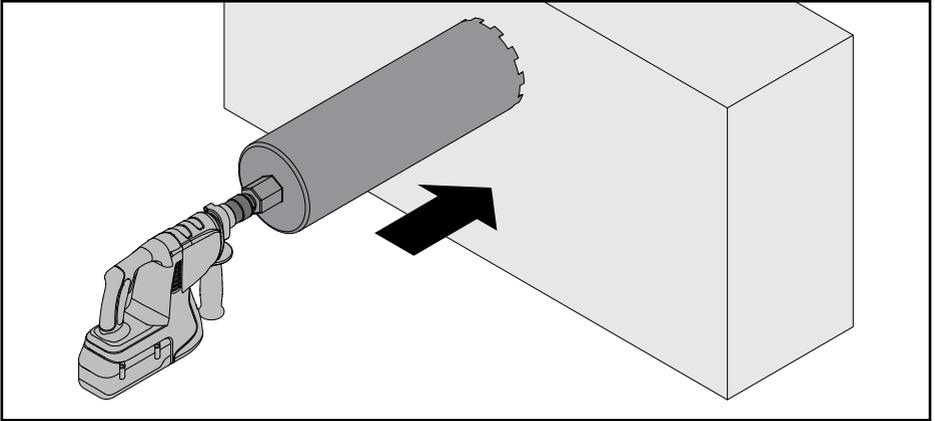
DEPENDING ON HOW THE UNIT IS TO BE INSTALLED PLEASE FOLLOW EITHER THE INSTRUCTIONS FOR THE USE OF AN PREFABRICATED INSTALLATION BLOCK OR FOR CORE-DRILLING A HOLE THROUGH THE WALL.

5.1.1 Use of a prefabricated installation block

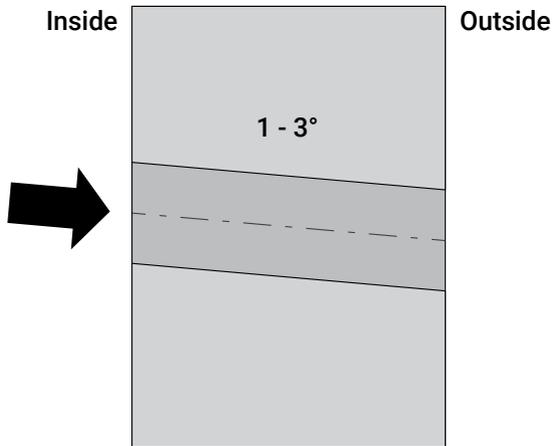


Insert the pre-fabricated Neopor® installation block into the wall, following the instructions for its installation. The hole must point downwards to the outside to allow any condensate to drain off. Cut off any protruding material so that the block is flush with the wall.

5.1.2 Use of a core-drilled hole



Drill a hole in the wall using a core drill and a 162 mm bit. The hole must have a gradient of 1 – 3°, allowing any condensate to flow outwards. It is best to drill the hole from inside to outside.

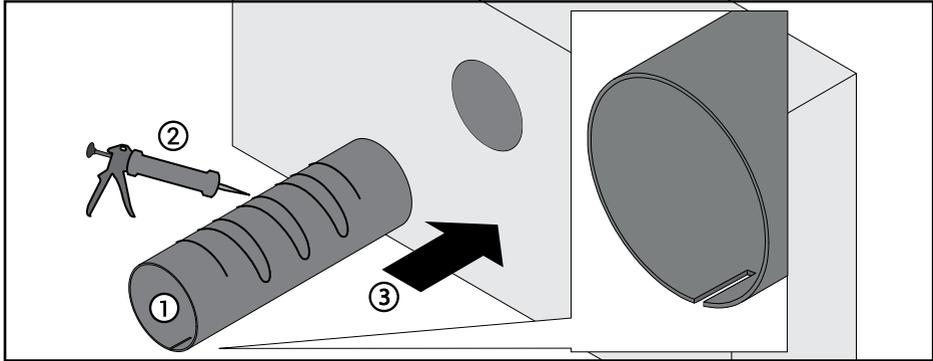


WHEN CORE DRILLING, PLEASE MAKE SURE THAT THERE IS ADEQUATE PROTECTION FROM FALLING MASONRY ON THE OUTSIDE OF THE BUILDING, ENSURING THAT NO PERSON OR MATERIAL WILL BE HARMED/DAMAGED.

5.2 Inserting the mounting tube



WHEN USING A SPECIAL SOLUTION, PLEASE REFER TO ITS SPECIFIC INSTRUCTIONS.



Measure the thickness of the wall. Should any plastering still need to be done, allow for plaster thickness when shortening the mounting tube. Shorten the mounting tube using a sabre saw in such a way that the mounting tube ends are flush with both inside and outside walls. In the inside-facing side of the mounting tube, cut a 10 mm wide and 30 mm long slit (1). This will be used later to accommodate the BUS cable to the fan unit. When using thicker cables, the slit will need to be wider.

Coat the outside of the mounting tube with the sealant (2) and insert it into the hole (3). Pay attention to how long the sealant needs to dry. Proceed to the next step.



MAKE SURE THAT THE MOUNTING TUBE IS FIXED AND SEALED AT THE OUTSIDE WALL BEFORE YOU CONTINUE TO THE NEXT STEP.

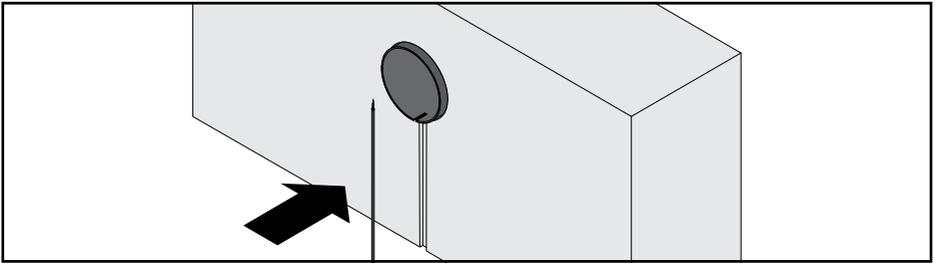


WHEN USING A METAL HOOD ON THE OUTSIDE WALL, THE MOUNTING TUBE MUST NOT BE FLUSH WITH THE OUTSIDE WALL, BUT MUST PROTRUDE CA. 5 MM.



INSERT THE PLASTERING COVERS INTO THE MOUNTING TUBE. ONLY CONTINUE INSTALLATION WORK ONCE ALL BUILDING WORK HAS BEEN COMPLETED.

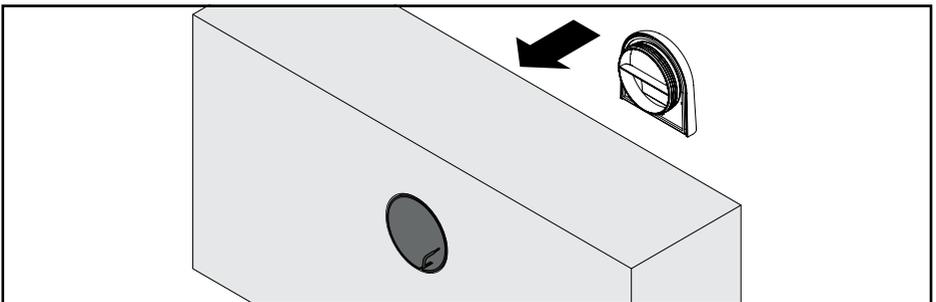
5.3 Cabling



THE LENGTH OF THE CABLE IN THE MOUNTING TUBE IS DEPENDENT ON STRUCTURAL CONDITIONS. MAKE SURE THAT THE FAN UNIT CAN BE EASILY CONNECTED UP AND THAT THE CABLE DOES NOT UNNECESSARILY BLOCK THE AIRFLOW.

Use slits in the wall or cable ducts to lead the cables to the hole in the wall. Make sure that the length of the cable in the mounting tube corresponds to the thickness of the wall minus 150 mm. Wire the plug for connecting up the fan unit (see Electrical installation). Should cables with a diameter > 6.1 mm be used, the top layer of insulation will need to be removed to prevent problems with the further installation.

5.4 Installation of the outside cover



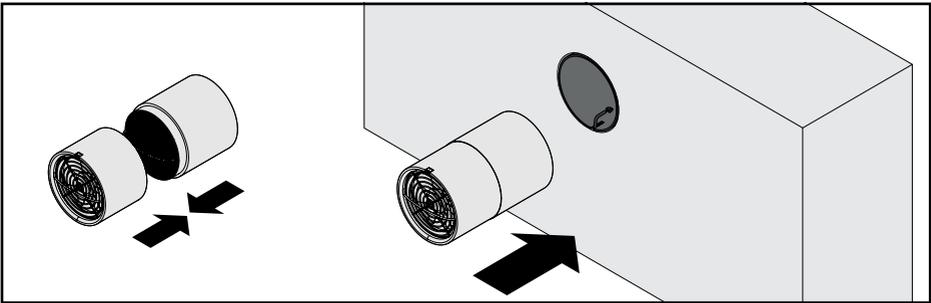
Once all work on the building's facade has been finished, the outside cover can be installed. Remove the plastering cover and insert the outside cover into the mounting tube. When inserting it, make sure that the air vent points downwards and sits tight. Due to the special mounting slats, the outside cover can be installed without any tools and sits tight in the mounting tube.

When using an outside grille, make sure that the grille is properly positioned with the curved slats pointing downwards. Before doing this, the stopper (part of the set) must be glued to the outward-facing upper edge on the inside of the mounting tube, where it acts as a stopper for the heat exchanger unit. Then screw (screws at the side) the outside grille to the mounting tube.



SHOULD YOU BE USING AN OUTSIDE HOOD INSTEAD OF A GRILLE, PLEASE REFER TO ITS SEPARATE INSTALLATION INSTRUCTIONS.

5.5 Positioning of the fan and heat exchanger unit

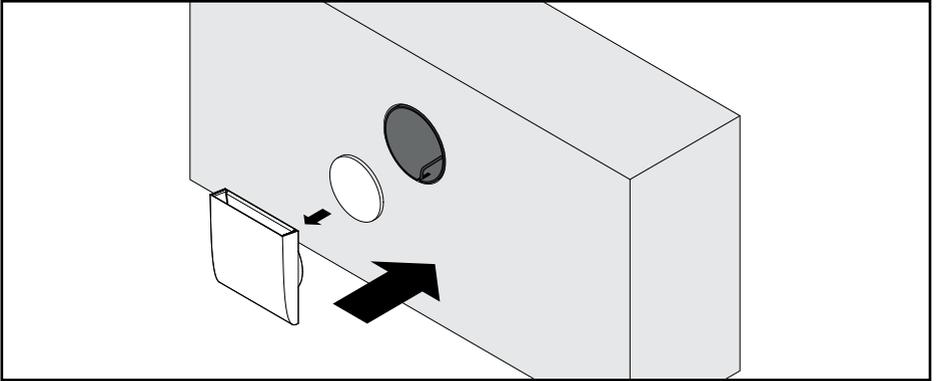


Once all work has been finished on the inside walls and the outside grille or hood has been installed, the fan and heat exchanger units can be installed. Start by connecting the two units. This is done by sliding the fan unit over the front end of the heat exchanger unit. Then insert the two into the mounting tube (2), with the insect filter facing outwards. Push the unit carefully into the mounting tube until it touches the outside cover.



THE STRAP MUST POINT INWARDS (TOWARDS THE ROOM), ALLOWING THE HEAT EXCHANGER TO BE REMOVED FOR MAINTENANCE.

5.6 Inserting the inside cover



Once all work inside the building has been completed, the inside cover can be installed. Place the filter unit in the slots for the filter inside the cover. Insert the cover into the mounting tube, making sure that the air vent points upwards and that the cover sits tightly.



THE UNITS MUST HAVE A FILTER INSERTED BEFORE BEING TURNED ON FOR THE FIRST TIME.

6 Operating the system

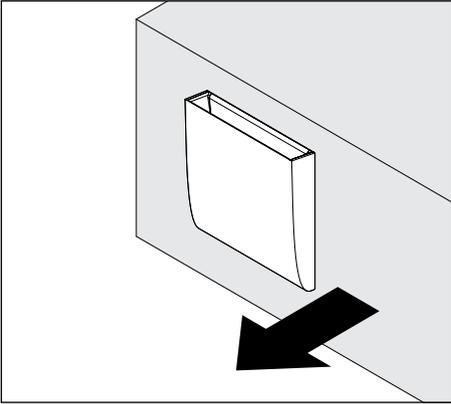
6.1 easyFan

The inside cover can be shut, should you not use the system over a longer period or should you want to prevent smoke for instance entering the room.

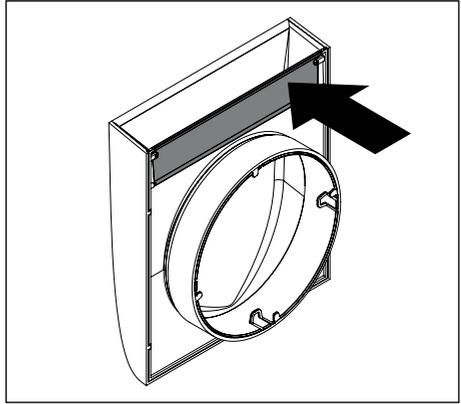


DO NOT OPERATE THE SYSTEM WHEN THE INSIDE COVER IS SHUT!

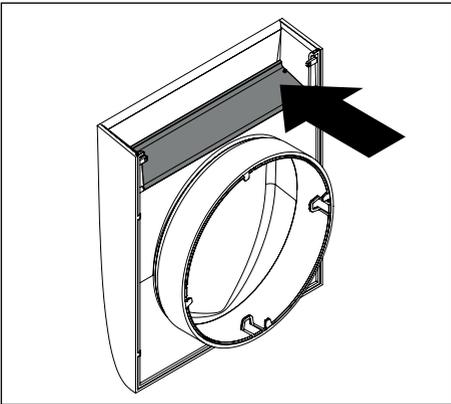
6.1.1 Shutting the inside cover



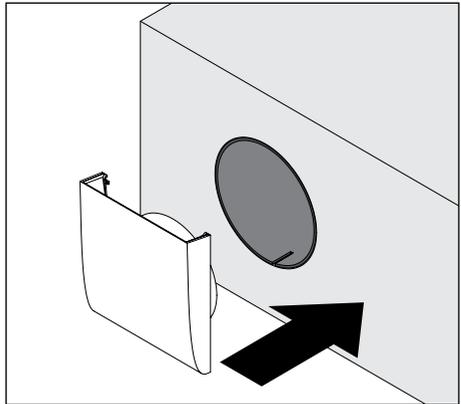
Step 1: Pull the inside cover out of the mounting tube.



Step 2: Use the flap attached to the inside of the cover.

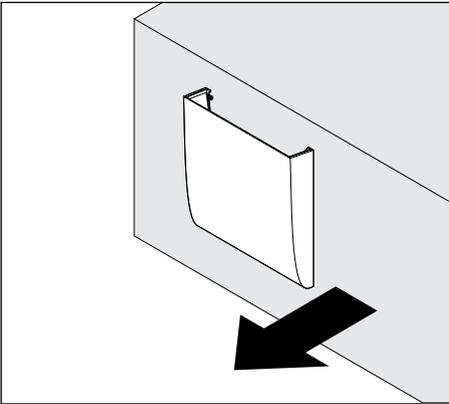


Step 3: Press the flap into the flexible foam until it sits tightly.

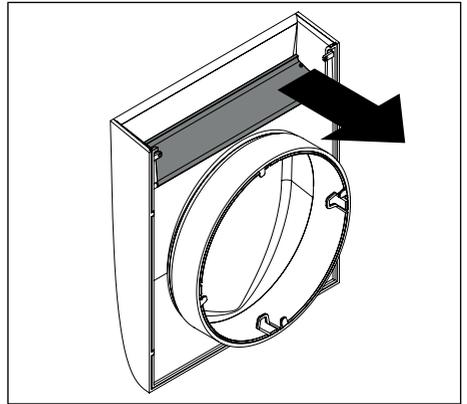


Step 4: Reinsert the inside cover into the mounting tube.

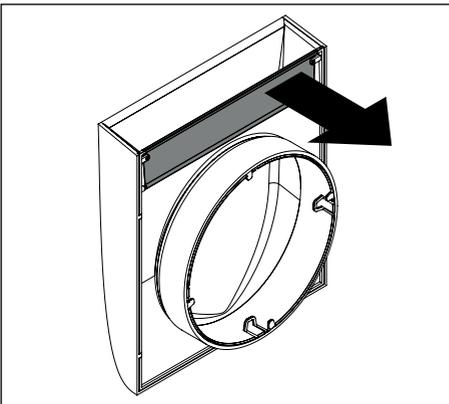
6.1.2 Opening the inside cover



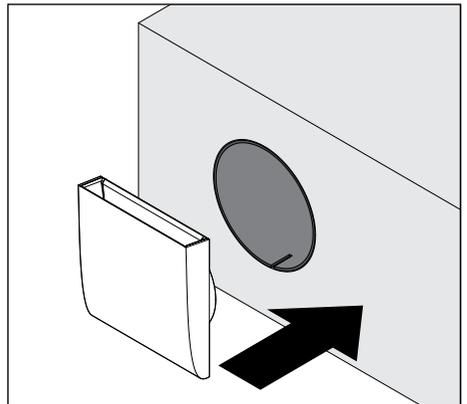
Step 1: Pull the inside cover out of the mounting tube.



Step 2: Pull the flap out of the flexible foam.



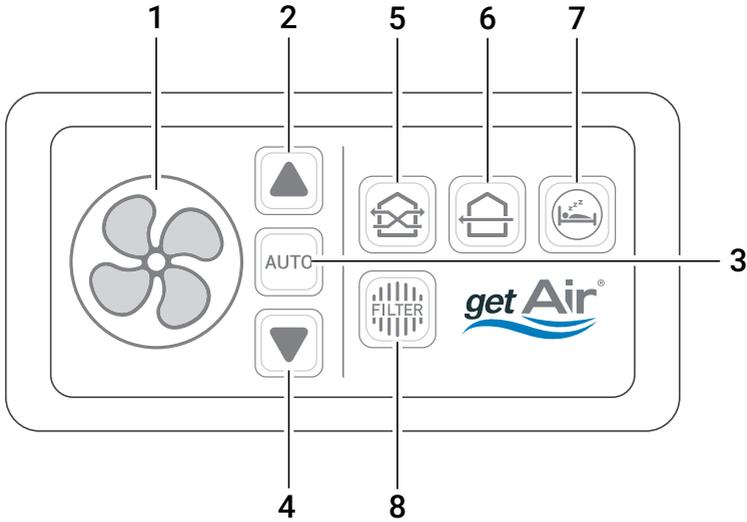
Step 3: Reattach the flap to the inside cover.



Step 4: Carefully reinsert the inside cover into the mounting tube.

6.2 PUSH control unit

6.2.1 User interface



1	Fan speed display	Shows the manually selected fan speed, or the speed automatically selected by the humidity sensor.
2	Arrow Up/ON	Increases the fan speed and/or turns the system on.
3	Automatic mode	Activates/deactivates automatic mode.
4	Arrow down/OFF	Decreases the fan speed and/or turns the system off.
5	Eco-Mode	Activates heat recovery mode.
6	Full-blast mode	Activates full-blast mode.
7	Sleep mode	Activates sleep mode.
8	Filter change display	Tells the user to change the filter.

6.2.2 Operating modes and functions



Eco-Mode

Operating in pairs, the units change airflow direction every 50-70 seconds dependent on the selected fan speed, ensuring heat recovery.



Full-blast mode

The system runs in just one direction, allowing a room to be thoroughly ventilated. Heat recovery is not available in this mode.



Automatic mode

When running in automatic mode, the integrated humidity sensor automatically determines fan speed.



Sleep mode

The system stops working for one hour, giving a room's occupants sufficient time to get to sleep. Once the selected duration is over, the system will continue in the previously activated mode.



Filter change display

An integrated meter is used to determine when a filter change is needed. This is calculated on the basis of the airflow volumes. When the filter needs changing, the filter change LED starts blinking. Once it has been changed, just press the button to reset the meter.



THE OPTIMAL TIME FOR CHANGING A FILTER IS DEPENDENT ON LOCAL CONDITIONS AND CAN THUS VARY.

7 Cleaning and maintenance

To ensure the efficient functioning of your easyFan, all components must be regularly checked and maintained.

7.1 Maintenance interval

Component	Interval	What is to be done
Inside grille	Once every three months	<ul style="list-style-type: none">• Wipe the surface with a damp cloth.
Dust filter	Once every three months	<ul style="list-style-type: none">• Use a vacuum cleaner to free the filter of dust.• Then wash it warm water.• Replace any clogged up/defective filter.
Pollen filter	Once a month	<ul style="list-style-type: none">• Use a vacuum cleaner to free the filter of any pollen.• Replace any clogged up/defective filter.
Fan unit	Once a year	<ul style="list-style-type: none">• Clean the fan unit using a brush first, then a vacuum cleaner.
Heat exchanger unit	Once a year	<ul style="list-style-type: none">• Use a vacuum cleaner to clean the heat exchanger.• Hold it under the tap and wash it with warm water.
Controls	Once a month	<ul style="list-style-type: none">• Wipe the surface with a microfibre cloth.

7.2 Maintenance instructions



WHEN CARRYING OUT MAINTENANCE WORK, THE SYSTEM MUST BE SWITCHED OFF.

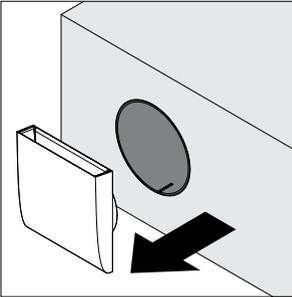


WHEN CARRYING OUT MAINTENANCE WORK ON THE FAN UNIT, THE SYSTEM MUST BE DISCONNECTED FROM THE MAINS.

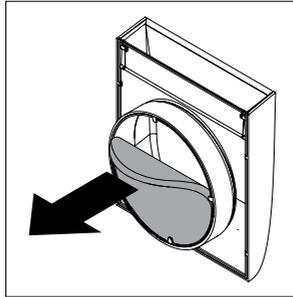


NEVER PULL THE PLUG OUT OF THE FAN UNIT BY THE CABLE. USE A PAIR OF PLIERS AND PULL ON THE PLUG.

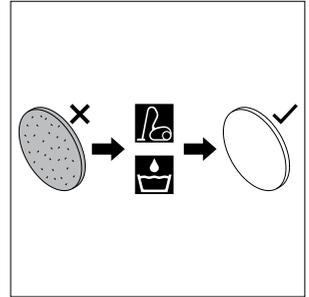
7.2.1 Dust filter / pollen filter maintenance



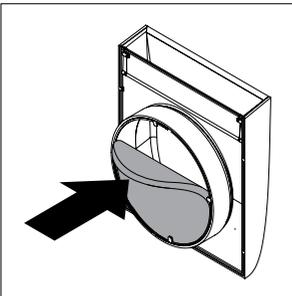
Step 1: Pull the inside cover out of the mounting tube.



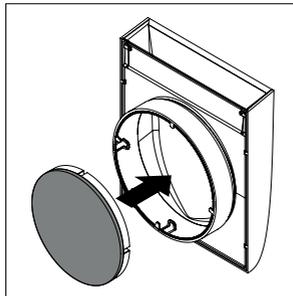
Step 2: Remove the filter from its holder.



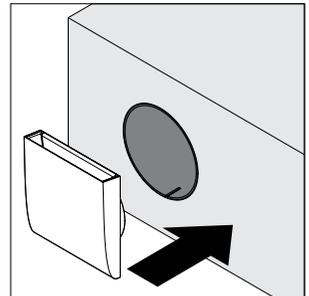
Step 3: Check the filter. When necessary, clean or replace it.



Step 4a - Dust filter:
Replace the filter in its holder.

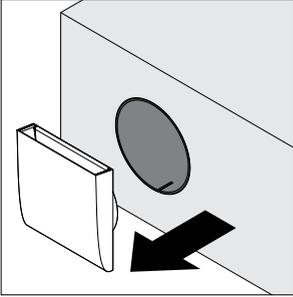


Step 4b - Pollen filter:
Insert the filter unit into the holder with the lighter side first.

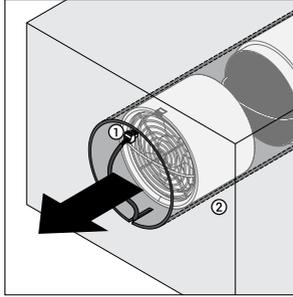


Step 5: Reinsert the inside cover (with the air intake pointing upwards) into the mounting tube.

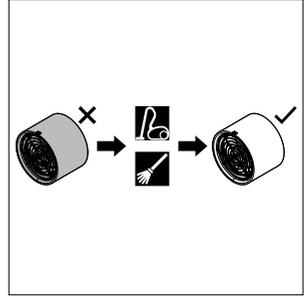
7.2.2 Fan unit maintenance



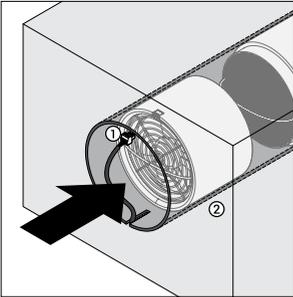
Step 1: Pull the inside cover out of the mounting tube.



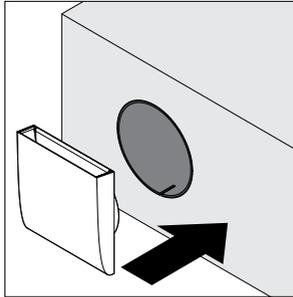
Step 2: Unplug the fan (1). Pull the fan unit out of the mounting tube using the strap (2), taking care that the power / control cable is not damaged.



Step 3: Using a brush and a vacuum cleaner, clean the fan grille and the rotor blades.

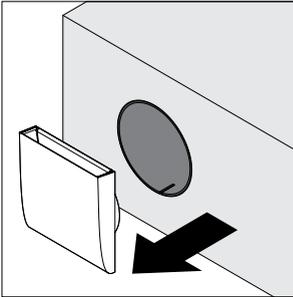


Step 4: Reinsert the cleaned fan unit into the mounting tube, pay attention to the power cable. Plug in the fan (1). Push the fan unit down into the mounting tube until the spacers touch the heat exchanger (2).

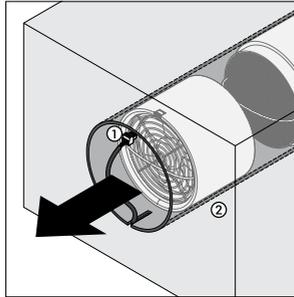


Step 5: Reinsert the inside cover (air intake pointing upwards) into the mounting tube.

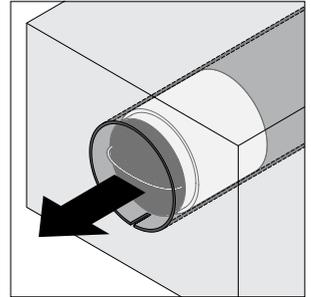
7.2.3 Heat exchanger maintenance



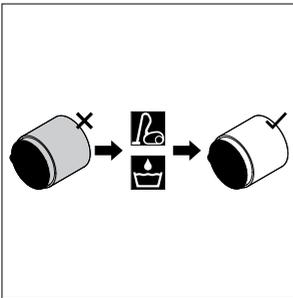
Step 1: Pull the inside cover out of the mounting tube.



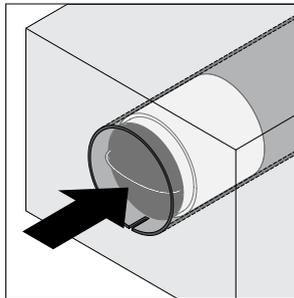
Step 2: Unplug the fan (1). Pull the fan unit out of the mounting tube using the strap (2), taking care that the power cable is not damaged.



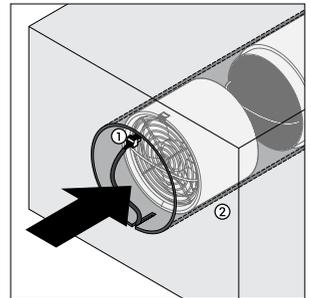
Step 3: Pull the heat exchanger unit out of the mounting tube using the strap, taking care that the power / sensor cable is not damaged.



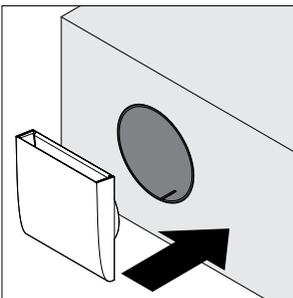
Step 4: Clean the heat exchanger unit using a vacuum cleaner or wash with warm water. Only clean the ceramic parts with water! Let the heat exchanger dry.



Step 5: Reinsert the heat exchanger in the mounting tube, taking care not to damage the cables in the mounting tube.



Step 6: Reinsert the cleaned fan unit into the mounting tube. Plug in the fan (1). Push the fan unit down into the mounting tube until the spacers touch the heat exchanger (2).



Step 7: Reinsert the inside cover (with the air intake pointing upwards) into the mounting tube.

8 Troubleshooting

Fault	Cause	Remedy
Fan unit not changing direction.	Control unit operating in "full-blast" mode.	<ul style="list-style-type: none"> Set the controls to eco-mode (heat recovery).
	Fan unit not working properly.	<ul style="list-style-type: none"> Replace the fan unit.
	Control unit / power supply not working properly.	<ul style="list-style-type: none"> Replace the control unit / power supply.
Fan unit not functioning.	No power.	<ul style="list-style-type: none"> Restore power supply.
	Installation error.	<ul style="list-style-type: none"> Check the cabling and wiring. Check whether all plugs have been properly connected.
	Fan unit not working properly.	<ul style="list-style-type: none"> Replace the fan unit.
	Control unit / power supply not working properly.	<ul style="list-style-type: none"> Replace the control unit / power supply.
Control unit not functioning.	Installation error.	<ul style="list-style-type: none"> Check the cabling and wiring. Check that the control unit is installed correctly.
	Power supply not working properly.	<ul style="list-style-type: none"> Replace the power supply.
	Control unit not working properly.	<ul style="list-style-type: none"> Replace the control unit.
Noise level higher than normal when operating in normal mode.	Rotor blades dirty.	<ul style="list-style-type: none"> Clean the rotor blades. Clean the ventilation unit.
	Dirt or other elements in the fan.	<ul style="list-style-type: none"> Remove dirt or other elements. Clean the ventilation unit.
	Distance between the heat exchanger unit and fan unit too small.	<ul style="list-style-type: none"> Check the spacers on the fan unit. Increase the distance.
	Fan speed too high.	<ul style="list-style-type: none"> Switch to a lower speed.

Fault	Cause	Remedy
Low level of airflow.	Inside cover is shut.	<ul style="list-style-type: none"> • Open the inside cover.
	Filter clogged up.	<ul style="list-style-type: none"> • Clean the filter or replace it.
	Heat exchanger unit dirty.	<ul style="list-style-type: none"> • Clean the heat exchanger unit. • Clean the ventilation unit.
	Fan speed too low.	<ul style="list-style-type: none"> • Switch to a higher speed.
	Units not working in conjunction with each other (in pairs).	<ul style="list-style-type: none"> • Check that the units are correctly connected to the control unit.
Incoming air is cold.	Control unit is operating in „full-blast“ mode.	<ul style="list-style-type: none"> • Select Eco-mode (heat recovery) at the control unit.
	Heat exchanger unit missing.	<ul style="list-style-type: none"> • Insert the heat exchanger.

9 Disposal

Due to little or no harmful materials being used in their production, the majority of components described in these operating instructions can be recycled. Should you want to dispose of your ventilation unit, please do so in accordance with current national regulations. Contact the appropriate authority. Packaging material should be sorted before disposal.

Disposal recommendations for all components:

Component	Material	Disposal
Inside cover	ASA	Collection of recyclable materials
Outside cover	ASA	Collection of recyclable materials
Outside grille	ASA	Collection of recyclable materials
Outside hood	Stainless steel	Metal recycling
Fan unit	EPP / Electrical components	Electronics recycling
Heat exchanger unit	Ceramics / PUR	Collection of recyclable materials
Dust filter	PE	Household refuse
Pollen filter	PP	Household refuse
Mounting tube	PPs	Collection of recyclable materials
Control units	ABS / Electrical components	Electronics recycling

10 Technical data

10.1 easyFan

Heat recovery rate	Up to 90%			
	Level 1	Level 2	Level 3	Level 4
Airflow volume Eco-mode/full-blast mode ¹⁾ [m ³ /h]	16	22	30	43
Sound pressure level dB (A)	14	20	32	35
Energy consumption ²⁾ [W]	0.9	1.1	1.6	2.8
Input voltage [V]	12 DC SELV			
Type of protection	IP 22			
Software class	A			
Specific power input ³⁾ [W/(m ³ /h)]	min 0.12			
Standard sound level difference $D_{n,w}$ [dB]	40 / 44 ³⁾			
Air intake	free of aggressive gases, dust and oil			
Permissible operating temperature [°C]	-20 ... 60			
Diameter of the core hole [mm]	162			
Minimum wall thickness ⁴⁾ [mm]	280			
Optimal wall thickness [mm]	315 or thicker			
Size of the inside cover	190 x 214 x 40 (WxHxD)			
Size of the outside cover	197 x 205 x 46 (WxHxD)			
Weight [kg]	4.6			
Energy efficiency class (VO 1254/2014)				
Conformity				

¹⁾ when operated in pairs

²⁾ without power supply unit

³⁾ with optional sound insulation set

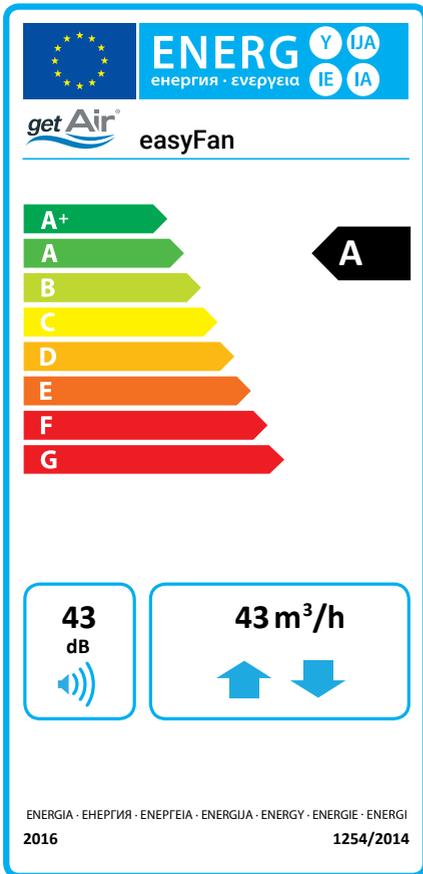
⁴⁾ when using a metal outside hood

10.2 PUSH control unit

Operating voltage [V]	12 DC
Power consumption [W]	1.2
Software class	A
Permissible operating temperature [°C]	0 ... 40
Type of protection	IP 40
Contamination level	2
Dimensions [mm]	150 x 75 x 10 (WxHxD)
Colour	White
Conformity	CE

11 Energy efficiency label and product information sheet

11.1 Energy efficiency label



11.2 Product information sheet

Produktdatenblatt (gem. VO 1254/2014 EU vom 11. Juli 2014) / Product datasheet (acc. REG 1254/2014 EU of 11 July 2014)			
P.	Beschreibung / Description	Werte / Data	
a	Lieferant / Supplier's name	getAir	
b	Modellkennung / Supplier's model identifier	easyFan	
c	SEV-Klasse /Spezifischer Energieverbrauch SEC class / Specific energy consumption [kWh/m²a]	kalt/cold	A+ -82,48
		durchschnittlich/ average	A -40,61
		warm/warm	E -16,62
d	Lüftungstyp / Typology	ZLG / BVU	
e	Art des Antriebes / Type of drive installed	1,5	
f	Art Wärmerückgewinnung / Type of heat recovery system	Regenerativ / regenerative	
g	Temperaturänderungsgrad η_t / Thermal efficiency of heat recovery [%]	0,825	
h	Höchster Luftvolumenstrom / Maximum flow rate [m³/h]	43	
i	Elektrische Eingangsleistung ¹⁾ (inkl. Regelung) / Electric power input [W]	5,6	
j	Schalleistungspegel L_{wa} / Sound power level [dB(A)]	42,7	
k	Bezugsluftvolumenstrom / Reference flow rate [m³/h]	30	
l	Bezugsdruckdifferenz / Reference pressure difference [Pa]	0	
m	SEL / SPI [W/m³/h]	0,118	
n	Steuerungsfaktor / Control factor	0,85	
o	Innere und äußere Übertragung / Internal and external leakage rate [%]	0	
p	Mischquote / Mixing rate [%]	0	
q	Lage und Beschreibung der Filterwechselanzeige / Position of visual filter warning	Steuerung (optische Anzeige) / Control (visual display)	
r	Anweisungen zu regelbaren Zu- und Abluftgittern an der Fassade (nur Ein-Richtungs-LG) / Regulated supply and exhaust grills in the facade	-	
s	Internetadresse / Internet address	www.getair.eu	
t	Druckschwankungsempfindlichkeit / Airflow sensitivity [%]	69	
u	Luftdichtheit zw. innen und außen / indoor and outdoor air tightness [m³/h]	2,0	
v	Jährlicher Stromverbrauch / Annual electricity consumption [kWh/(m²a)]	1,27	
w	Jährliche Einsparung Heizenergie / Annual heating saved kWh/(m²a)]	kalt/cold	85,67
		durchschnittlich/ average	43,79
		warm/warm	19,80

¹⁾ without power supply unit

12 Warranty

12.1 Warranty conditions

getAir GmbH & Co. KG provides a 24-month warranty on its easyFan ventilation system (or 30 months from the easyFan's date of manufacture). Warranty claims apply solely to material and/or construction faults which occur during the warranty period. Under the warranty conditions, repairs may only be carried out with getAir's prior written consent. A warranty on components exists solely when these have been supplied by the manufacturer and have been installed by a technician recognised by the manufacturer.

The warranty expires in the following cases:

- when the warranty period has come to an end;
- when a filter is used that has not been approved by the fan unit manufacturer;
- when non-original replacement parts are installed;
- when the unit is used incorrectly/improperly;
- when the faults/defects are the result of faulty installation, improper/incorrect use or dirt;
- when unapproved changes or modifications have been made to the system.



OUTSIDE GERMANY, THE WARRANTY IS COVERED BY THE WARRANTY REGULATIONS OF THE COUNTRY IN WHICH THE SYSTEM WAS SOLD. IN SUCH A CASE, PLEASE CONTACT THE DISTRIBUTOR IN YOUR HOME COUNTRY.

12.2 Liability

The system has been developed and manufactured for the decentralised ventilation of homes and functional premises.

Any other usage is considered to be improper and can cause damage to the easyFan or to persons. In such a case, the manufacturer cannot be held liable. The manufacturer cannot be held liable for any damage resulting from one of the following causes:

- when the safety, operating and maintenance instructions contained in this document have not been followed;
- when the installation was not performed correctly;
- when non-original replacement parts (not approved by the manufacturer) are installed;
- when the faults/defects are the result of faulty installation, improper/incorrect use or dirt;
- Normal wear and tear.

12.3 Complaints

Please check the contents of the delivered material in accordance with the delivery note. Also check for any transport damage. Report any missing items to your supplier within four weeks of delivery.

12.4 Documentation

The above documentation describes the functionality of the standard configuration. To maintain clarity, we are unable to take account of every possible installation, operating or maintenance configuration. The diagrams in this documentation may deviate slightly from the design of the product you have purchased. Even when this is the case, the functions basically remain the same.

12.5 Service

For technical advice, please contact your supplier, dealer or our service staff.

13 Attachment

13.1 Accessories

Article	Article no.
General	
easyFan dust filter set (4 filters)	101430
easyFan pollen filter set (4 filters)	101431
Sound insulation set 2R	101221
Control unit	
PUSH control unit	101100
Pattress box for the PUSH control unit	101160
Power supply unit 12 V (for installation in a pattress box)	102150
DIN rail power supply unit 12V	102151
Installation	
Pre-fabricated installation block	100220
Mounting tube 500 mm	100440
Mounting tube 700 mm	100441
Mounting adhesive / sealant	100222
Special versions:	
Reveal building shell set 90	100240
Reveal building shell set 60	100241
Roof building shell set DA	100251
Cellar building shell set KA	100260
Replacement parts	
easyFan inside cover	101400
easyFan outside cover	101401
easyFan fan unit	101410
easyFan heat exchanger unit	101420

A complete list of accessories and replacement parts is available on our website:

www.getair.eu

13.2 Cabling protocol

Ventilati- on unit	Floor	Name of the room and ventilation unit position	Initial direction	
			Air intake	Exhaust
1				
2				
3				
4				
5				
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get Air[®]
The future of home ventilation