



# FLEXIT S3 X/TT K3 X/TT A3 X/TT S3 R S3 RK

## **E** User Manual Air Handling Unit/ Kitchen Model



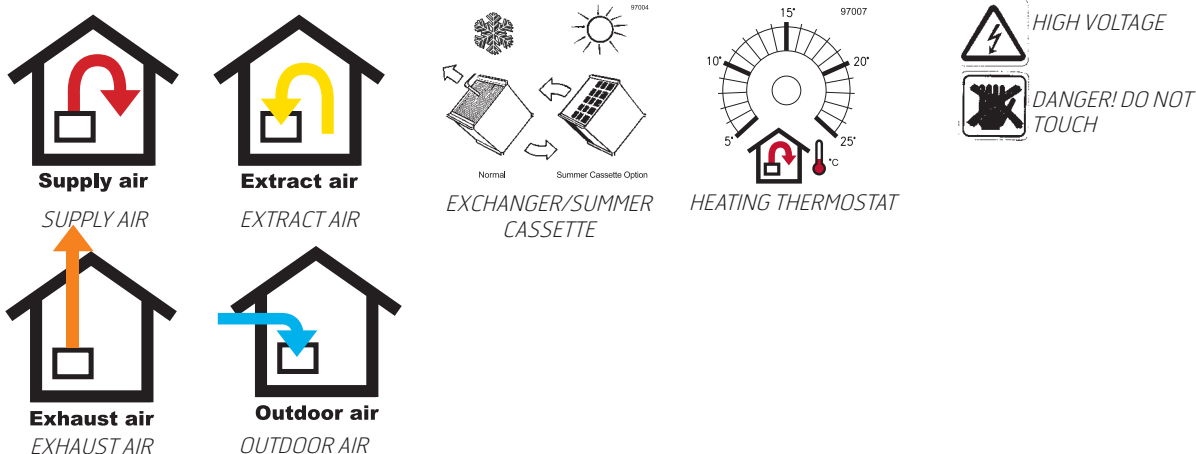
<b>S3 X/TT</b>	Air handling unit with cross heat exchanger or TT exchanger
<b>K3 X/TT</b>	Air handling unit with cross heat exchanger or TT exchanger and kitchen hood
<b>A3 X/TT</b>	Air handling unit with cross heat exchanger or TT exchanger and connection for external kitchen hood
<b>S3 R</b>	Air handling unit with rotating exchanger
<b>S3 RK</b>	Air handling unit with rotating exchanger and kitchen hood

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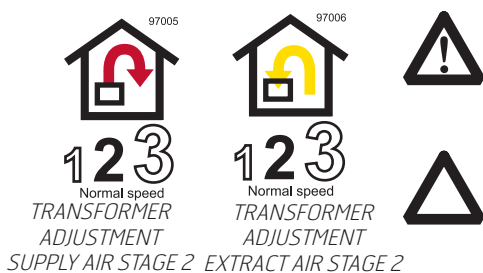
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## Symbols Used

This product has a number of symbols that are used to label the product itself and in the installation and user documentation. Here is an explanation of some of the commonest symbols.



Symbols for units/electric heating



**CAUTION:** When a text bears this symbol, it means that personal injury or serious damage to the equipment may follow if the instructions are not followed.

**NB:** When a text bears this symbol, damage to equipment or a poor utilisation ratio may be the consequence of not following the instructions.

*Our products are subject to continuous development and we therefore reserve the right to make changes.  
We also disclaim liability for any printing errors that may occur.*

## 1 Important Safety Instructions, S3 X/K3 X/A3 X/TT



To reduce the risk of fire, electric shock or injury, read all the safety instructions and warning texts before using the unit.

- This unit is only designed to handle ventilation air in buildings.
- It must not be used to extract combustible or flammable gases.
- Remove the power plug before commencing any service and maintenance work.
- Before you open the door, the unit must be dead and the fans must be given time to stop (min. 2 minutes).
- The unit contains heating elements that must not be touched when they are hot.
- The unit must not be operated without the filters being in place.
- Do not cook any combustible substances or flame anything under the fan.
- Do not leave a saucepan or frying pan containing oil or grease unsupervised.
- Follow the user manual precisely.



To maintain a good indoor climate, comply with regulations and avoid condensation damage, the unit must never be stopped apart from during service/maintenance or in connection with an accident.

## 2 Functional Description

In the **HR-X** heat exchanger cassette, the cold outdoor air and the warm extract air “cross” each other without coming into direct contact with each other. With this principle, 60–70 % of the heat in the extract air will be transferred to the supply air. In addition, a thermostat-controlled heating element **EB1** will ensure that the supply air has the desired temperature. This supply air is passed via ducts and valves to living rooms and bedrooms. The extract air is extracted either from the same room or via door gaps/overflow gratings to toilets and wet rooms. The used air is passed via a duct system back to the unit, emits heat as stated above and is blown out of the building via a roof hat or wall grating. The extract air from the kitchen hood **K** does not pass through the heat exchanger cassette.

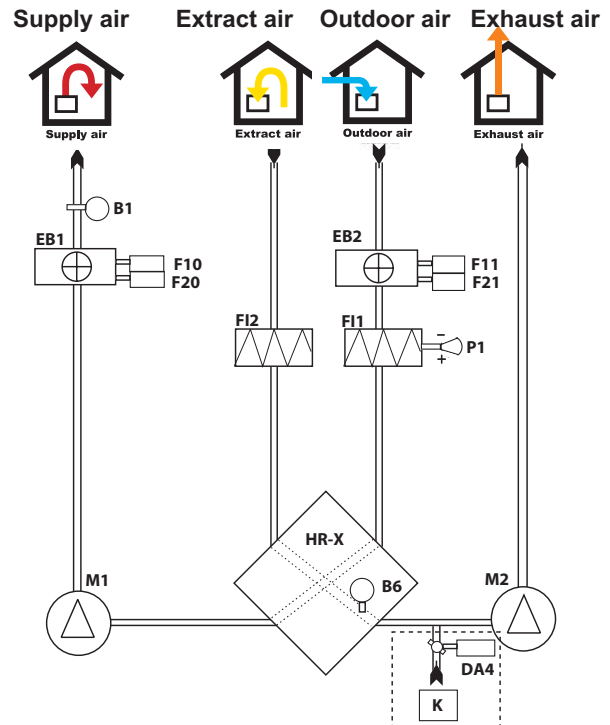
### 2.1 Heating Elements

The heating elements are protected against overheating by overheating thermostats **F20/F21**, which switch off at 65 °C. As an additional safety measure, overheating thermostats **F10/F11** switch off at 80 °C. The overheating thermostats can be reset manually by pressing the white button. They are located at the front on the top of the unit. They are accessible by opening the doors and removing the plastic cover that covers the access opening. See the label. The reset button is located on the innermost panel a little way inside the opening.



This is purely a ventilation system and not a heating system. The home must be heated in the normal manner. The heat gained from heat recovery must be seen in relation to a situation in which the extract air is blown right out of the home without recovery.

### 2.2 System Drawing, S3 X/K3 X/A3 X/TT



- B1 SUPPLY AIR TEMPERATURE SENSOR
- B6 THERMOGUARD
- F10, F11 OVERHEATING THERMOSTAT-MANUAL RESET
- F20, F21 OVERHEATING THERMOSTAT-AUTOMATIC RESET
- F11 SUPPLY AIR FILTER
- F12 EXTRACT AIR FILTER
- EB1 HEATING ELEMENT
- EB2 PREHEATING ELEMENT, ELECTRICAL
- HR-X CROSS HEAT EXCHANGER
- M1 SUPPLY AIR FAN
- M2 EXTRACT AIR FAN
- P1 PRESSURE GUARD (ACCESSORY)
- ONLY FOR MODELS WITH A KITCHEN HOOD:
- K KITCHEN HOOD
- DA4 DAMPER - KITCHEN HOOD

### 2.3 Frost Protection

The unit is fitted with a special thermoguard for maximum utilisation of the heat recovery function and maintenance of balanced ventilation. The thermoguard has a **B6** sensor rod with a dual function. This is located in the exchanger cassette’s extract air duct and has an NTC element to check the temperature and an indicator to register condensation water. If the extract air is dry, the thermoguard will ensure that the unit works normally down to an exhaust air temperature of -3 °C. At lower temperatures, it will produce an impulse to activate the frost protection function. This function will be repeated periodically until the exchanger cassette’s temperature is sufficient to prevent freezing.

If the extract air is damp, this function will start at a temperature of +1 °C in the exhaust air.

The frost protection function itself has the following sequence:

- The preheating element **EB2** is activated.
- If this is not sufficient, the extract air fan will switch to **NORMAL** speed and the supply air fan will be reduced to **LOW** speed.

When there is no longer a need for frost protection, the unit will return to normal mode.

### 3 Operation - Control

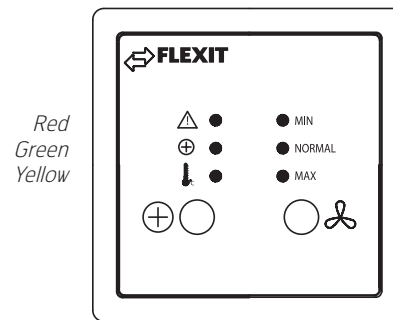
The speed of the fans in the unit is controlled from a separately mounted SP 30 control switch. Depending on the operating situation, the fan speed is set to the desired level.

- MIN stage:** Used when not as much ventilation as normal is required.
- NORMAL stage:** Normal operating ventilation. This is the position for daily operation.
- MAX stage:** Used when increased ventilation is required in wet rooms or throughout the flat. Must be used during and for a while after showering and clothes drying, for example, to avoid condensation in the ducts.

#### SP30 Control Switch for Electronic Automatic Control with a Thermoguard

This contains the following functions:

- Right pressure switch (fan symbol) to choose between min., normal and max. speeds with an indicator lamp to show which speed stage is active.
  - Left pressure switch (+ symbol) to choose heating OFF/ON. This switch is used to switch heating off/on (disconnected during the warm part of the year). The heating thermostat (item 4/Chap. 5 General Drawings) is factory-set to 20 °C in the unit. This is located inside the unit and should not be set to over 25 °C. It is adjusted with a flat screwdriver. The sensor for the thermostat is located in the supply air duct. Some heat loss up to the valves must be expected where ducts pass through a cold environment.
- **Red lamp (!):** Slow flash: Filter must be replaced (provided that a pressure guard is installed). Fast flash: Overheating thermostat triggered or thermoguard not connected. Permanently on: Both errors.
  - **Green lamp (+):** This lights when the heating switch is in the ON position:
  - **Yellow lamp (°C):** This lights when the heating is active (the element is heating).



If the unit is in temporary automatic frost protection mode in the winter, the unit will not react to a change in speed before the frost protection function has ceased.



**If there is a power cut, the unit will automatically be set to the speed stage Normal and active heating when it restarts. This means that the heating element will heat if there is a need for heating.**

#### 3.1 Operation via a Kitchen Hood (A3 and K3)

Figure 1:

- A - Knob for damper/timer
- B - Pushbutton for light

Open the damper when preparing food. The damper closes automatically after a maximum of 60 minutes or if you turn the damper knob to |•| as shown in Figure 1. When the timer is activated, the air handling unit is forced in addition to the damper function.

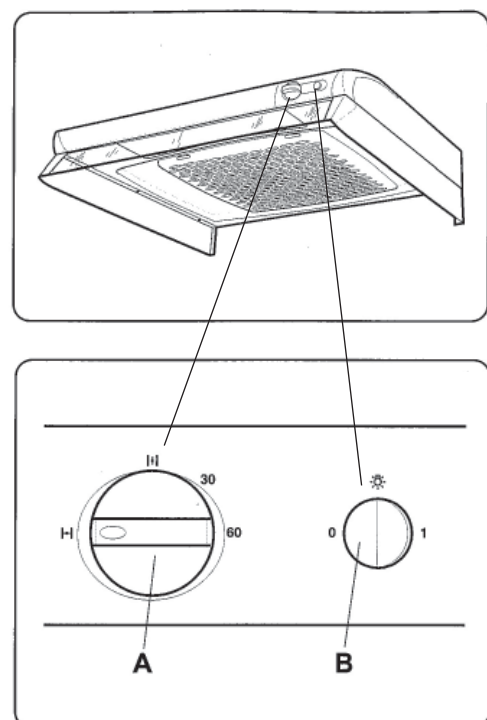


Fig. 1

## 4 Cleaning - Maintenance, S3 X/K3 X/A3 X/TT



**Before opening the door of the heat recovery system or carrying out maintenance on the kitchen hood: switch off the heat, let the fans continue for three minutes to remove hot air, remove the power from the unit and wait 2 minutes before opening the doors.**

**Fans:** Item nos. 9 and 10/Chap. 5 General Drawing, A3 X/K3 X/A3 X/TT. The fans normally do not need to be inspected. If necessary, they can be removed as follows: Unscrew and remove the cover over the fan (4 screws) and disconnect the electrical contact. The fan can then be carefully pulled out of the track. The motor and fan blades are removed by unscrewing the 4 screws in the round motor plate and carefully pulling the motor out of the motor housing. If cleaning is required, use a small brush and compressed air, if possible. Mounting takes place in the reverse order.

**Filters:** To preserve a healthy indoor environment, it is important to change filters when they are dirty. Dirty filters lead to:



**Increased air resistance in the filter – less air in the home – the risk of bacterial growth in the filter – in the worst case scenario, the system can be damaged.**

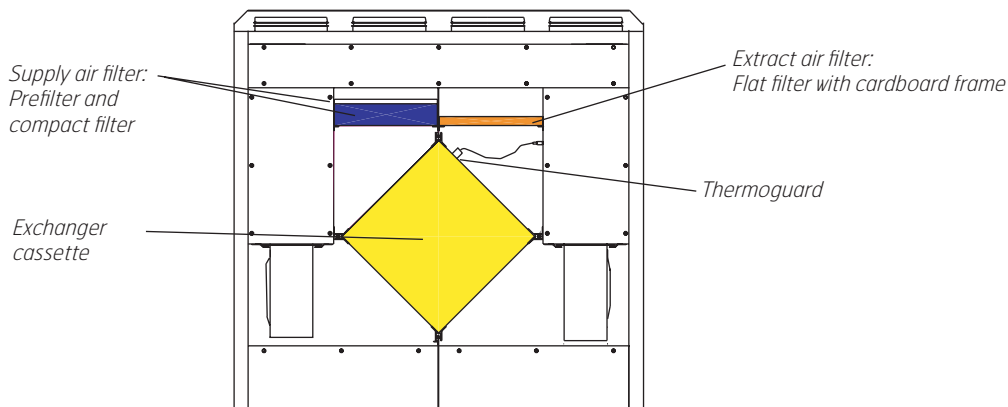
How often the filters need to be changed depends on the degree of contamination of the air where they are installed. In general, the filters need to be changed once a year, preferably in the autumn (after the pollen season). In areas with a lot of dust and contamination, the filters should be changed in the spring and autumn.

The supply air filter that cleans the outdoor air (2) consists of a prefilter (G3 coarse filter) and a compact filter (F77 fine filter), Fig. 2. Remember the sequence from above: steel grille – prefilter – compact filter. The filters are pushed in place in the fixing rails. The extract air filter (1) is a G3 panel filter (coarse filter) and is located on a separate rail. It is recommended that you order a filter subscription to ensure full benefit from the system and the cheapest prices.

**Order no. for a complete set of filters: 12322**

### Filter location

(the drawing shows the left model/the right model is inverted)



### Exchanger cassette:

Should be checked roughly once a year for dust and dirt in the air ducts. First remove the thermoguard (3) and carefully pull the cassette (11) out. If cleaning is required, place it in a bowl with warm soapy water (NB! not soda) and finally flush it through with warm water. Clean the thermoguard separately with a dry cloth. When removing/installing the exchanger cassette, it is important to ensure that both the cassette and the sensor rod are located correctly and that the cable plug is inserted in the contact. The thermoguard must be located 6 cm from the top of the exchanger cassette and in the centre of the exchanger cassette. Place it in the area beneath the extract air filter (1).

**Valves and duct system:** Clean the valves at least once a year. The duct system must be cleaned at least every 10 years.

**Outdoor air intake:** Check once a year that the grille is not clogged.

**Roof hat:** Check once a year that the drainage gap at the bottom is not clogged with leaves. This applies only if the system has a roof hat.

**Summer operation:** During the warm part of the year (outside the heating season), there is no need to recover heat. The exchanger cassette can be replaced with a summer cassette that is available as an accessory. This is pushed into place where the exchanger cassette (11) is located. This allows the outdoor air to enter the building directly without heat recovery taking place. The thermoguard (3) must then be transferred to the summer cassette. Its location is shown on the label. NB! At the same time, the heating (4) must be switched off by turning the potentiometer anticlockwise to avoid the heating element switching on unnecessarily.



**Remember to reverse this again in the autumn.**

**Drainage:** At the base of the unit there is a condensation water drain that passes through the rear of the kitchen hood and conducts condensation water to the waste water drain. It is important that this drain is always open, in good condition and well insulated where it is exposed to frost. It is recommended that you keep an eye on the drainage system to avoid any leaks occurring.

#### **Kitchen hood**

**(only A/K models):** Wipe the volume hood with a damp cloth and detergent. The filter must be cleaned roughly twice a month with normal use. Loosen the filter cassette by pressing in the snap locks at the front (Fig. 3). Lower the filter and release the filter cloth and filter basket in warm water with detergent. The filter cassette (with the filter) can also be washed in a dishwasher. The volume hood should be cleaned internally a few times a year. Wipe it internally with a damp cloth and detergent. Replace the filter cassette and press it up so that it is fixed in the snap locks.

The risk of fire increases if the volume hood is not cleaned as often as specified.

To change the fluorescent tube, remove the lamp glass by pressing the snap locks in the direction of the arrow, Fig. 4. The fluorescent tube can now be accessed for replacement. Fluorescent tube base G23.

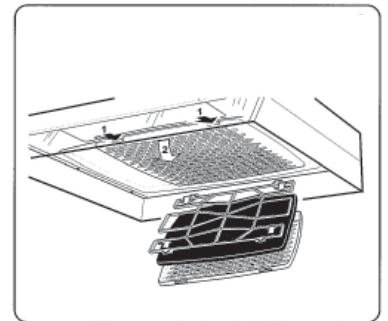
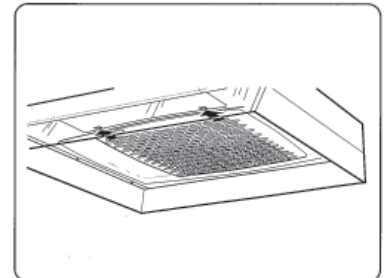
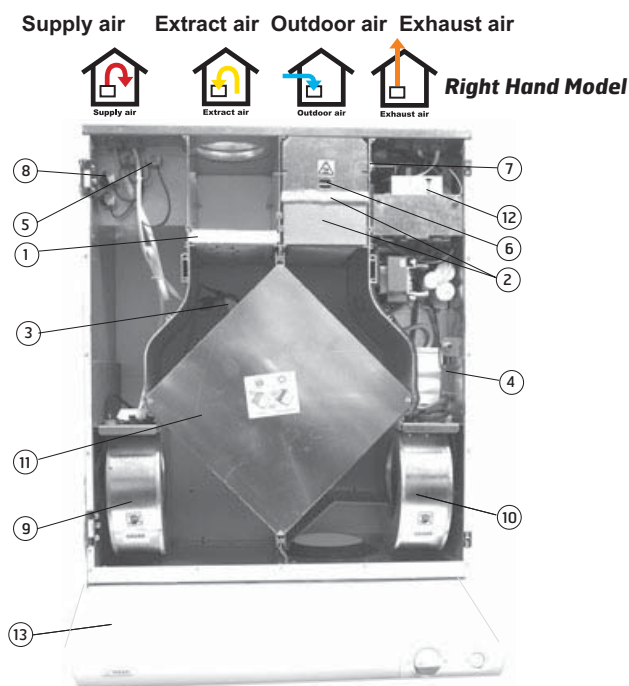


Fig. 3



## 5 General Drawing, S3 X/K3 X/A3 X/TT



### Item Part

- |            |   |
|------------|---|
| <b>no.</b> |   |
| 1          | G3 extract air filter                     |
| 2          | G3 + F7 supply air filter                 |
| 3          | Thermoguard                               |
| 4          | Heating adjustment                        |
| 5          | Heating element                           |
| 6          | Preheating element                        |
| 7          | Preheating overheating thermostat (Reset) |
| 8          | Heating overheating thermostat (Reset)    |
| 9          | Supply air fan                            |
| 10         | Extract air fan                           |
| 11         | X/TT cross heat exchanger cassette        |
| 12         | Control unit                              |
| 13         | Kitchen hood (A and K models)             |

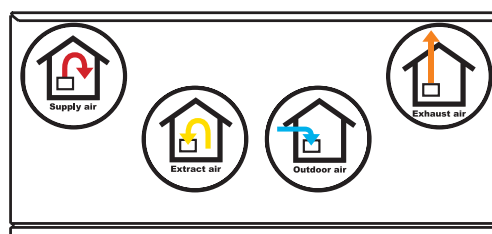


Fig. 5 Unit seen from above - air flow direction

## 6 Technical Data, S3 X/A3 X/K3 X/TT

	S3 X/K3 X	S3 X/K3 X/TT
Rated voltage	230 V/50 Hz	230 V/50 Hz
Fuse	10 A	10 A
Rated current, total	6.7 A	6.7 A
Rated power, total	1530 W	1530 W
Rated power, electric batteries	1200 W	700 W
Rated power, fans	2 x 165 W	2 x 165 W
Rated preheating power	700 W	1200 W
Fan type	F-wheel	F-wheel
Fan motor control	Transformer	Transformer
Max. fan speed	2230 RPM	2230 RPM
Automatic control standard	SP30	SP30
Filter type (SUP/EXTR)	F7/G3	F7/G3
SUP filter dimensions (WxHxD)	225x130x70 mm	225x130x70 mm
EXTR filter dimensions (WxHxD)	225x130x20 mm	225x130x20 mm
Weight	40 kg	44 kg
Duct connection	Dia. 125 mm	Dia. 125 mm
Height	700 mm	700 mm
Width	598 mm	598 mm
Depth	280 mm	280 mm

### 6.1 Kitchen Hood Technical Data

Width	60 cm
Other dimensions	See separate drawing
Electrical connection	230 V earthed
Light	Fluorescent tube, base G23, 11 W

## 7 Important Safety Instructions, S3 R/S3 RK



To reduce the risk of fire, electric shock or injury, read all the safety instructions and warning texts before using the unit.

- This unit is only designed to handle ventilation air in buildings.
- It must not be used to extract combustibles or flammable gases.
- Remove the power plug before commencing any service and maintenance work.
- Before you open the door, the unit must be dead and the fans must be given time to stop (min. 2 minutes).
- The unit contains heating elements that must not be touched when they are hot.
- The unit must not be operated without the filters being in place.
- Follow the user manual precisely.



To maintain a good indoor climate, comply with regulations and avoid condensation damage, the unit must never be stopped apart from during service/maintenance or in connection with an accident.



**FOR CEILING-MOUNTED UNITS:** Be careful with the doors when opening the unit. They open suddenly when the last screw is removed. Take care as well when removing components. Hold them when you remove the last screw to avoid objects falling down. The rotor requires extra care on account of its weight.

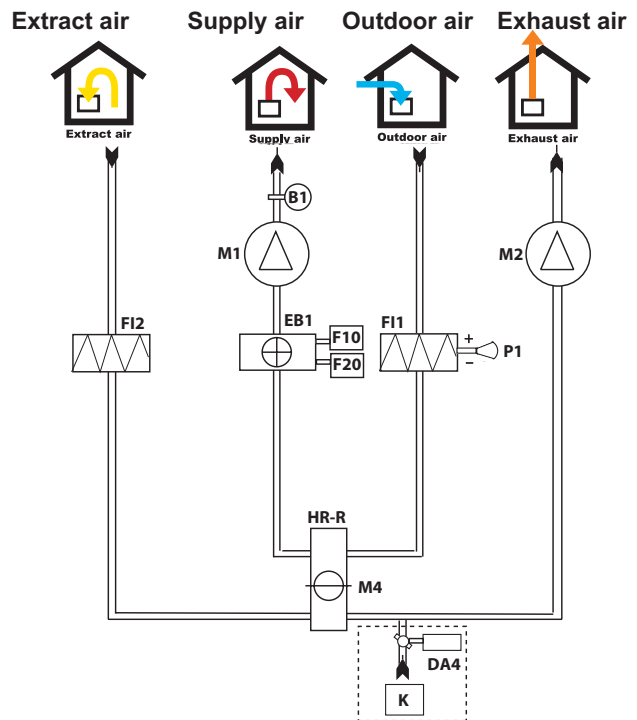
## 8 Functional Description

In the HR-R rotor, the cold outdoor air and the warm extract air pass each other without being mixed. With this principle, around 75-80 % of the heat in the extract air will be transferred to the supply air. In addition, a thermostat-controlled heating element EB1 will ensure that the supply air has the desired temperature when the temperature outside is very low. This supply air is passed via ducts and valves to living rooms and bedrooms. The extract air is extracted either from the same room or via door gaps/overflow gratings to toilets and wet rooms. The used air is passed via a duct system back to the unit, emits heat as stated above and is blown out of the building via a roof hat or wall grating. The temperature of the supply air is controlled by the rotor. Only when this is not able to maintain the set temperature, will the heating element start up. When there is no need for heating (summer), the rotor will stop.



This is a ventilation system only and not a heating system. The home must be heated in the normal manner. The heat gained from heat recovery must be seen in comparison to a situation where the extract air is blown right out of the home without recovery.

## 8.2 System Drawing, S3 R/S3 RK



B1	SUPPLY AIR TEMPERATURE SENSOR
EB1	HEATING ELEMENT
F10	OVERHEATING THERMOSTAT, MANUAL RESET
F20	OVERHEATING THERMOSTAT, AUTOMATIC RESET
F11	SUPPLY AIR FILTER
F12	EXTRACT AIR FILTER
M1	SUPPLY AIR FAN
M2	EXTRACT AIR FAN
HR-R	ROTAR HEAT EXCHANGER
M4	ROTOR MOTOR
<i>ONLY FOR MODELS WITH A KITCHEN HOOD:</i>	
K	KITCHEN HOOD
DA4	DAMPER - KITCHEN HOOD

### 8.1 Heating Elements

The heating elements are protected against overheating by the overheating thermostat **F20**, which switches off at 65 °C. As an additional safety measure, the overheating thermostat **F10** switches off at 80 °C. The overheating thermostat can be reset manually by removing the white plastic cover and pressing the reset button. The thermostat is accessible by opening the doors and is located at the bottom in the compartment right above the heating element. See the label - RESET.



## 9 Operation - Control

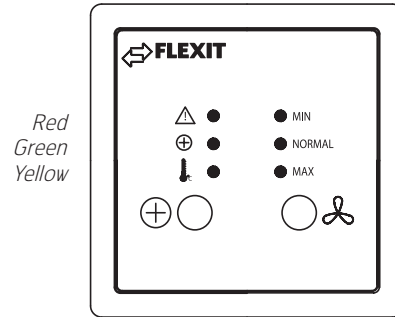
**△** The speed of the fans in the unit is controlled from a separately mounted SP 30 control switch. Depending on the operating situation, the fan speed is set to the desired level.

- MIN stage: Used when not as much ventilation as normal is required.
- NORMAL stage: Normal operating ventilation. This is the position for daily operation.
- MAX stage: Used when increased ventilation is required in wet rooms or throughout the flat. Must be used during and for a while after showering and clothes drying, for example, to avoid condensation in the ducts.

### SP30 Control Switch for Electronic Automatic Control with a Thermoguard

This contains the following functions:

- Right pressure switch (fan symbol) to choose between min., normal and max. speeds with an indicator lamp to show which speed stage is active.
- Left pressure switch (+ symbol) to choose heating OFF/ON. This switch is used to switch the rotor and heating element off/on (disconnected during the warm part of the year). Temperature adjustment (item no. 3 /Chap. 11) is factory-set to 20 °C in the unit and should not be set to over 25 °C. It is adjusted with a flat screwdriver. The temperature sensor is located in the supply air duct. Some heat loss up to the valves must be expected where ducts pass through a cold environment.
- **Red lamp (!):** Slow flash: Filter must be replaced (provided that a pressure guard is installed). Fast flash: Overheating thermostat triggered. Permanently on: Both errors.
- **Green lamp (+):** This lights up when the rotor and heating are activated.
- **Yellow lamp (°C):** This lights up when the rotor is in operation (the rotor stops when heat is not required)



**△** If there is a power cut, the unit will automatically be set to the speed stage Normal and rotor active when it restarts, i.e. the rotor will operate if heat is required.

### 9.1 Operation via a Kitchen Hood

Figure 1:

- A - Knob for damper/timer
- B - Pushbutton for light

Open the damper when preparing food. The damper closes automatically after a maximum of 60 minutes or if you turn the damper knob to |→| as shown in Figure 6. When the timer is activated, the air handling unit is forced in addition to the damper function.

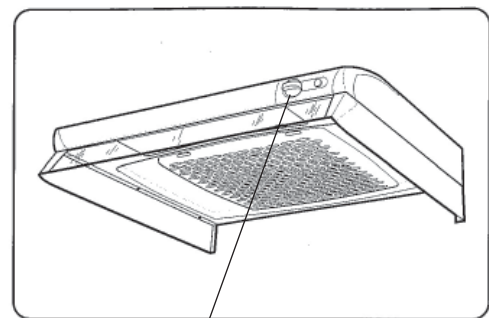
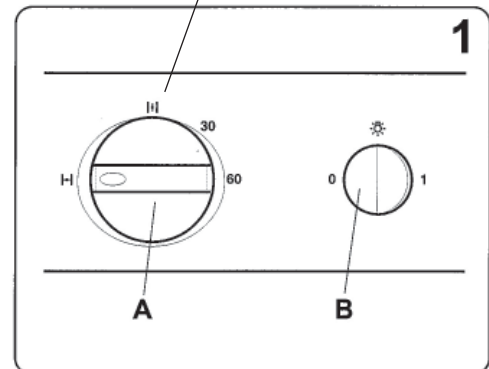


Fig. 6



## 10 Cleaning – Maintenance, S3 R/S3 RK



**Before opening the door of the heat recovery system or carrying out maintenance on the kitchen hood: switch off the heat, let the fans continue for three minutes to remove hot air, remove the power from the unit and wait 2 minutes before opening the doors.**

**Fans:** Item nos. 6 and 7/Chap. 11 General Drawing. The fans normally do not need to be inspected. If necessary, the fan blades can be cleaned with a small brush and compressed air, if possible. NB! Do not use water. Dismantle the fan as follows: Open the doors as instructed. Pull out the electric quick-release contact for the motor. Unscrew 2 screws at the front of the motor's mounting plate. The fan can then be pulled carefully down and out of the unit.

**Filters:** To preserve a healthy indoor environment, it is important to change filters when they are dirty. Dirty filters lead to:



**Increased air resistance in the filter – less air in the home – the risk of bacterial growth in the filter – in the worst case scenario, the system can be damaged.**

How often the filters need to be changed depends on the degree of contamination of the air where they are installed. In general, the filters need to be changed once a year, preferably in the autumn (after the pollen season). In areas with a lot of dust and contamination, the filters should be changed in the spring and autumn. The supply air filter and extract air filter (2 and 1) consist of a compact filter (F7). These are pushed into place.

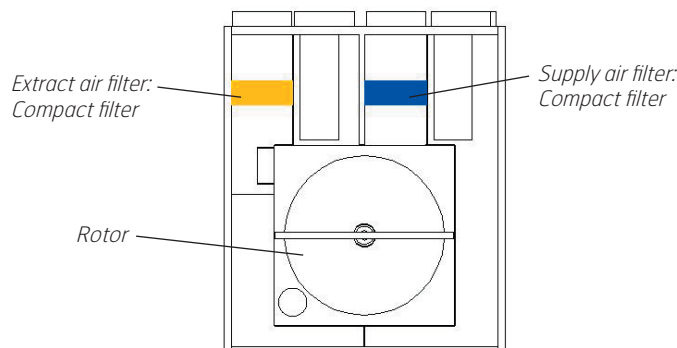
It is recommended that you order a filter subscription to ensure full benefit from the system and the cheapest prices.

**Order no. for a complete set of filters: 12328**

### **Filter location**

*(the drawing shows the left model/the right model is inverted)*

Fig. 7



**Rotor:** The rotor (8) should be checked roughly once a year for dust and dirt in the air ducts. If there are signs of clogging, contact your supplier for service.

**Valves and duct system:** Clean the valves at least once a year. The duct system must be cleaned at least every 10 years.

**Outdoor air intake:** Check once a year that the grille is not clogged.

**Roof hat:** Check once a year that the drainage gap at the bottom is not clogged with leaves. This applies only if the system has a roof hat.

**Summer operation:**

During the warm part of the year (outside the heating season), there is no need to recover heat. Then you can press the + switch on the control switch so that the green + lamp goes out. This avoids heat recovery on cool nights and the house is not heated up so quickly in the daytime. When there is again a need for heat recovery, press the + switch so that the green lamp lights up again.

**Kitchen hood**

**(only A/K models):** Wipe the volume hood with a damp cloth and detergent. The filter must be cleaned roughly twice a month with normal use. Loosen the filter cassette by pressing in the snap locks at the front (Fig. 8). Lower the filter and release the filter cloth and filter basket in warm water with detergent. The filter cassette (with the filter) can also be washed in a dishwasher. The volume hood should be cleaned internally a few times a year. Wipe it internally with a damp cloth and detergent. Replace the filter cassette and press it up so that it is fixed in the snap locks.



**The risk of fire increases if the volume hood is not cleaned as often as specified.**

To change the fluorescent tube, remove the lamp glass by pressing the snap locks in the direction of the arrow, Fig. 9. The fluorescent tube can now be accessed for replacement. Fluorescent tube base G23.

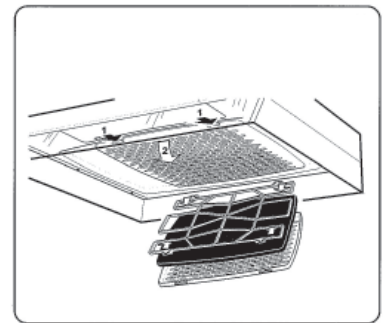


Fig. 8

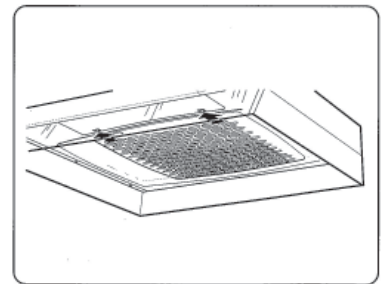
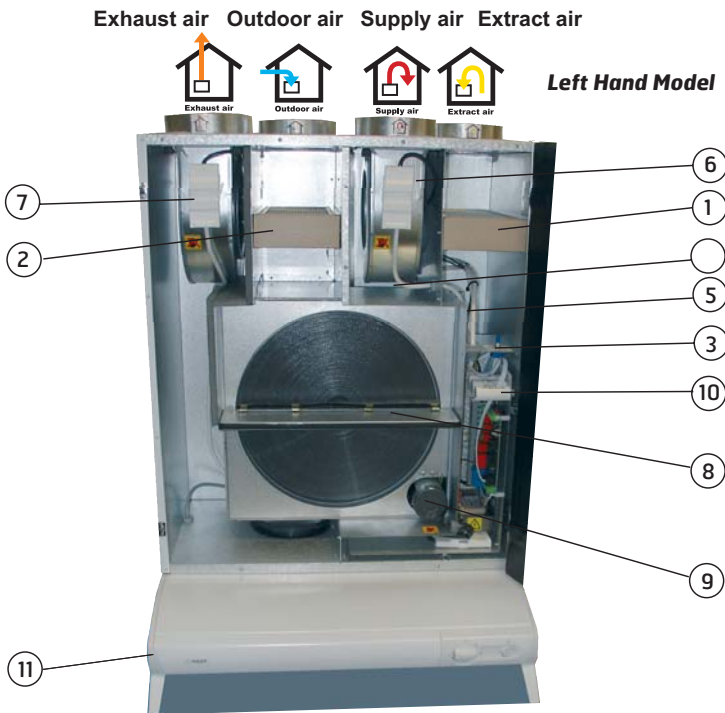


Fig. 9

## 11 General Drawing, S3 R/A3 R/S3 RK

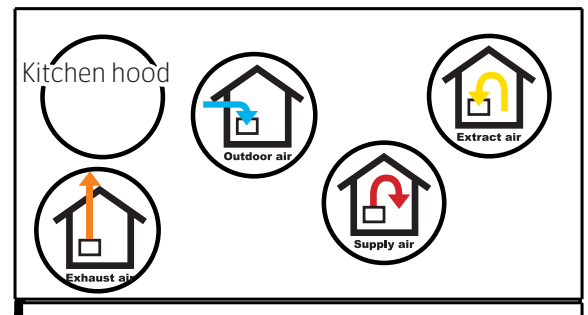


### Item Part

no.	Item Part
1	F7 extract air filter
2	F7 supply air filter
3	Heating adjustment
4	Heating element
5	Heating overheating thermostat (Reset)
6	Supply air fan
7	Extract air fan
8	Rotary wheel-type heat exchanger
9	Rotor motor
10	Control unit
11	Kitchen hood (A and K models)

## 12 Technical Data, S3 R/A3 R/S3 RK

Rated voltage	230 V/50 Hz
Fuse	10 A
Rated current, total	5.4 A
Rated power, total	1236 W
Rated power, electric batteries	975 W
Rated power, fans	2 x 165 W
Rated preheating power	-
Fan type	F-wheel
Fan motor control	Transformer
Max. fan speed	2230 RPM
Automatic control standard	SP30
Filter type (SUP/EXTR)	F7/F7
SUP filter dimensions (WxHxD)	285x130x50 mm
EXTR filter dimensions (WxHxD)	285x130x50 mm
Weight	38.5 kg
Duct connection	Dia. 127 mm (sleeve)
Height	700 mm
Width	598 mm
Depth	320 mm



Unit seen from above - air flow direction

### 12.1 Kitchen Hood Technical Data

Width	60 cm
Other	See separate drawing
Electrical	230 V earthed
Light	Fluorescent tube,



## 14 Troubleshooting

FAULT	DO THE FOLLOWING
If the fans are not working or cannot be adjusted	<p><b>S3 X/K3 X/A3 X/TT:</b></p> <ul style="list-style-type: none"> <li>• Check that the power plug is correctly inserted in the power point.</li> <li>• Check that the fuses in the electrical cabinet are switched on.</li> <li>• The overheating thermostats (item nos. 7, 8/Chap. 5) may have been triggered. Remove the white plastic cover and press in the white reset button.</li> <li>• Check that the thermoguard (item no. 3) is connected.</li> </ul> <p><b>S3 R/S3 RK:</b></p> <ul style="list-style-type: none"> <li>• Check that the power plug is correctly inserted in the power point.</li> <li>• Check that the fuses in the electrical cabinet are switched on.</li> <li>• The overheating thermostat (item no. 5/Chap. 11) may have been triggered. Remove the white plastic cover and press in the white reset button.</li> <li>• Check that the thermoguard (item no. 3) is connected.</li> </ul>
If the supply air feels too cold	<p><b>S3 X/K3 X/A3 X/TT:</b></p> <ul style="list-style-type: none"> <li>• Check that the heating switch (4) is in position 1 and a summer cassette is not loaded.</li> <li>• The heating thermostat (item no. 4) can be set to a higher temperature.</li> <li>• The overheating thermostats (item nos. 7, 8/Chap. 5) may have been triggered. Remove the white plastic cover and press in the white reset button.</li> <li>• Check that the unit's thermoguard (item no. 3) is connected.</li> <li>• Check that the unit's temperature sensor B1 is connected.</li> <li>• Ducts in cold lofts may need additional insulation.</li> </ul> <p><b>S3 R/S3 RK:</b></p> <ul style="list-style-type: none"> <li>• Check that the heating switch (4) is in position 1.</li> <li>• The heating thermostat (item no. 4) can be set to a higher temperature.</li> <li>• The overheating thermostat (item no. 5/Chap. 11) may have been triggered. Remove the white plastic cover and press in the white reset button.</li> <li>• Check that the unit's temperature sensor B1 is connected.</li> <li>• Ducts in cold lofts may need additional insulation.</li> </ul>
If the air flow rate has been seriously reduced	<p><b>S3 X/K3 X/A3 X/TT AND S3 R/S3 RK:</b></p> <ul style="list-style-type: none"> <li>• The filters (item nos. 1, 2) may be clogged by dirt. Clean or replace them. See under "Cleaning - Maintenance".</li> <li>• Fan wheels need cleaning. See under "Cleaning - Maintenance".</li> </ul>

If none of this helps, please contact your supplier for service. Please state the serial number on the rating plate inside the unit (open the door).

## 15 CE Declaration of Conformity

This declaration confirms that the products meet the requirements in the following Council Directives and standards:

**89/336/EEC Electromagnetic compatibility (EMC)**

**73/23/EEC Low-voltage Directive (LVD)**

**EN 60335-1:94, + A11:95, + A1:96, + A13:98, + A14:98, + A2:00**

**EN 60335-2-31:97, + A1:99**

**EN 55014-1:93, + A1:97, + A2:99**

**EN 61000-3-2:95, +A1:98, + A2:98**

**EN 61000-3-3:95**

**EN 55014-2:97**

**Producer:** FLEXIT AS, Televeien 15, 1870 Ørje, Norway

**Equipment group:** Ventilation units for installation in ducts

<b>Type:</b>	<b>Falcon K3 Cross</b>	<b>Falcon Energy K3TT</b>	<b>2001</b>
	<b>Falcon S3 Cross</b>	<b>Falcon Energy S3TT</b>	<b>2001</b>
	<b>S3 R</b>		<b>2005</b>

**The product is CE-marked:** Shown in the article above

**FLEXIT AS** 29.03.2005



**Pål J. Martinsen**  
General Manager

*The right to give notice of lack of conformity applies to this product in accordance with the existing terms of sale, provided that the product is correctly used and maintained. Filters are consumables.*



*The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.*

*By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information, please contact your local city office, your household waste disposal service or the shop where you purchased the product.*

*Notice of lack of conformity as a result of incorrect or defective installation must be submitted to the installation company responsible. The right to give notice of lack of conformity may lapse if the system is used incorrectly or maintenance is grossly neglected.*

