

Operating instructions

profi-air® flat / flex wireless remote control

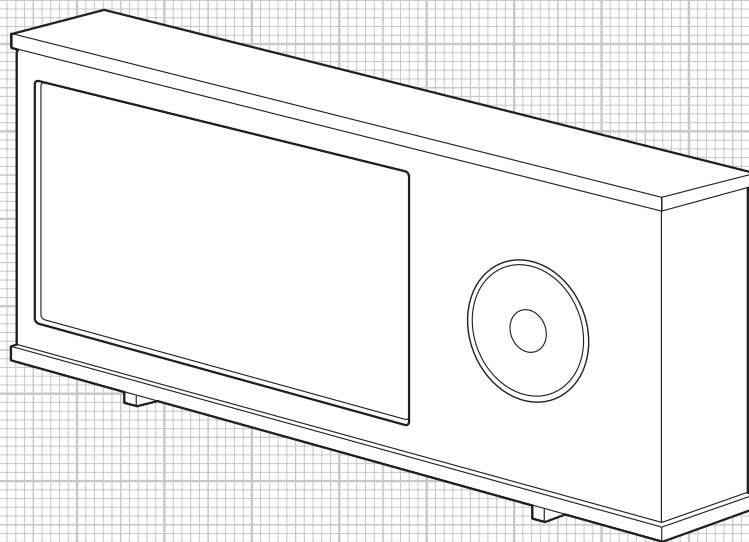


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All information provided in this publication is generally up to date at the time of printing. Moreover, this publication was prepared with the greatest possible care. However, we cannot rule out printing errors or translation mistakes. Furthermore, we reserve the right to change products, specifications and other information, or changes may be necessary due to legal, material or other technical requirements, which no longer could be considered for this publication. For this reason, we are unable to accept any liability if this is based solely on the information contained in this publication. Instrumental in connection with information about products or services are always the purchase order, the concrete product purchased and the related documentation or the information provided by our specialist staff in the specific case.

1. General information

The wireless remote control has been developed specifically for demanding operators of ventilation units from the profi-air flat/flex product lines, who emphasise innovative operation. The remote control has a wireless connection to the control board of the ventilation unit. The range of this control unit inside a building (through walls and light ceiling structures) is up to 30 m.

1.1 Introduction

The operating instructions will help you operate the wireless remote control ideally. We therefore recommend reading these operating instructions carefully. Keep these operating instructions during the entire life of the wireless remote control since they also serve as a reference for service and maintenance work and thus guarantee smooth and efficient operation.

1.2 Safety

If used as intended, the unit is safe and reliable to operate. Its construction and design are state of the art and comply with all the relevant DIN/VDE regulations and safety provisions. All safety regulations, warnings and notes of these operating instructions have to be observed; non-observance might result in personal injury and/or damage to the profi-air flat/flex ventilation unit.



Non-authorised changes or modifications of the wireless remote control are forbidden.

1.3 Symbols used



Risk of personal injury



Risk of:

- Damage to equipment
- Errors while operating the device if the instructions are not followed
- Other material damage



Additional notes



Reference to other sections and/or guidelines of the manufacturer



Disposal instructions

1. General information

1.4 Intended use

The wireless remote control must only be used to operate the ventilation units from the profi-air flat/flex product lines, and it is only suited for domestic use inside closed and frost-protected rooms.

1.5 Transport and unpacking

Please handle the profi-air wireless remote control with utmost care during transport and unpacking.

1.6 Checking the scope of delivery

If the delivered wireless remote control has any damage or incompleteness, please get in touch with the supplier immediately.

The scope of delivery includes:

- | | |
|---------------------------------------|--|
| ■ Wireless remote control | ■ Operating instructions |
| ■ 2x batteries 1.5 V AAA | ■ Antenna (long) for installation in profi-air 180 flat |
| ■ USB cable for optional power supply | ■ Antenna (short) for installation in profi-air 130 flat and/or profi-air 250/360 flex |

1.7 Overview of functions

- Manual operation
- Weekly autotimer using weekly programmes (P1 to P11)
- Holiday mode
- Night setback
- Temperature control – summer bypass
- Setting of the time interval for filter replacement
- Automatic demand control depending on relative humidity and/or VOC (optional accessories)

The following can be displayed on the remote control:

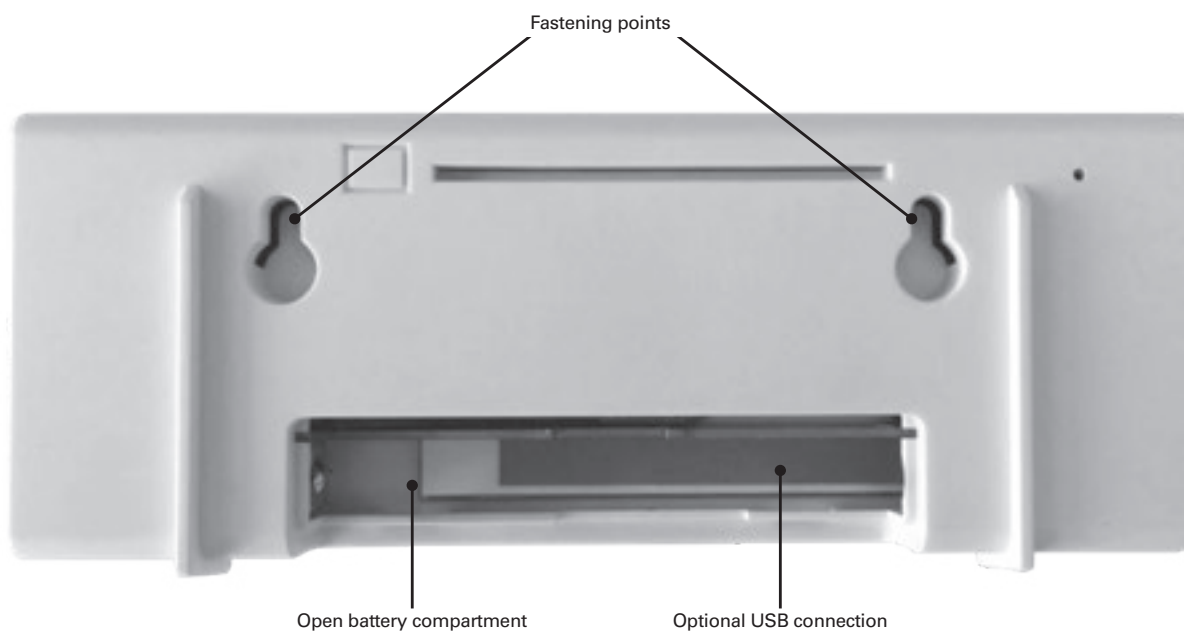
- Ventilation mode
- Fresh air, supply air, extract air and room temperature
- Time left until filter replacement
- Error code + alarm signal
- Humidity in the extract air channel (only possible if a humidity sensor is installed in the ventilation unit)
- Air quality in the extract air channel (only possible if a VOC sensor is installed in the ventilation unit)

2. Layout of the wireless remote control

2.1 Front




2.2 Back



3. Putting the wireless remote control into operation

3.1 Installation of the antenna

For reliable communication between the ventilation unit and the wireless remote control, we recommend fitting the antenna supplied. A long and a short antenna are included in the scope of delivery. The long antenna is for use in profi-air 180 flat, while the short antenna is used in profi-air 130 flat or 250/360 flex.

Step	Procedure
1	Disconnect the power supply of the ventilation unit.
2	Remove the housing cover of the ventilation unit.
3	 For the position of the connection coupling, see the installation and operating instructions of the profi-air flat/flex units..
4	Re-install the housing cover of the ventilation unit.

3.2 Synchronisation

The remote control and the ventilation unit must be synchronised in order to be able to communicate. This requires the following steps:

Step	Procedure
1	Disconnect the power supply of the ventilation unit.
2	Open the battery compartment on the back of the remote control and insert the included batteries 2 x 1.5 V AAA).
3	If you want to establish permanent power supply, connect the included USB cable. The port for the mini USB connector is on the back of the wireless remote control under the battery cover.
4	Re-connect the power supply of the ventilation unit. Within the next 60 seconds, the wireless remote control and the ventilation unit try to establish a connection after which the unit's data is displayed on the display.

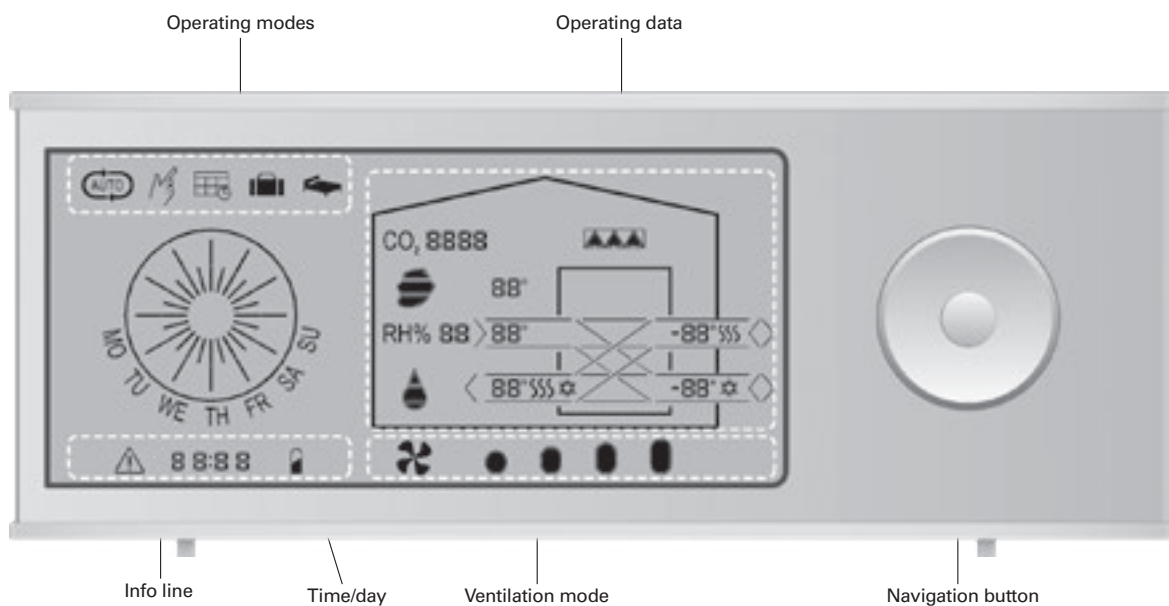


If synchronisation does not work at the first attempt (error code E13), either the distance to the control board of the ventilation unit is too large or the wireless remote control has been synchronised with another ventilation unit before. You must reset the wireless remote control in this case. Push and hold the "LEFT" button for approx. 10 seconds until all symbols on the display are flashing. The wireless remote control can now be synchronised again.

3.3 Multiple wireless remote controls









Up to three wireless remote controls can be connected to a ventilation unit. All connected wireless remote controls are equal, meaning that always the latest respective change is applied.

4. Display overview



The following table provides a short description of the different symbols and buttons of the wireless remote control.





The wireless remote control features a power saving function which switches the display off between 11:00 pm and 07:00 am. You can activate the illumination by pushing any button.

Display fields	Function
Operating mode	<div>  Automatic mode/demand control </div> <div>  Manual operation </div> <div>  Weekly autotimer </div> <div>  Holiday mode </div> <div>  Night setback </div>
Time/day	Use the clock to set the weekly autotimer and night setback.
Info line	<div>  Alarm (error code) </div> <div>  Information on various functions or programmes </div> <div>  Low battery status </div>
Ventilation mode	The four oval fields display the ventilation mode. The more fields are filled, the higher the ventilation mode.
Navigation button	Use this button to select individual menu items from the user menu and to increase or reduce target values.
Operating data	<div> The following information can be displayed: <ul style="list-style-type: none"> ■ Filter replacement ■ Room temperature ■ Temperature of supply/extract air ■ Fresh air temperature ■ Heat recovery/summer bypass ■ Relative extract air humidity (optional) ■ Extract air quality (optional) ■ Defroster heater active (optional) </div>







5. Navigation button and keystroke combinations

The following table provides a short description of the different symbols and buttons of the wireless remote control.

5.1 Navigation button

Button	Function
	Push the "CENTER" button to start the user menu, select a menu item or confirm a setting.
	Push the "LEFT" and "RIGHT" buttons to switch between the different menu items or to switch the ventilation mode into manual mode.
	Push the "UP" and "DOWN" buttons to switch between menu subitems or to change the set values.

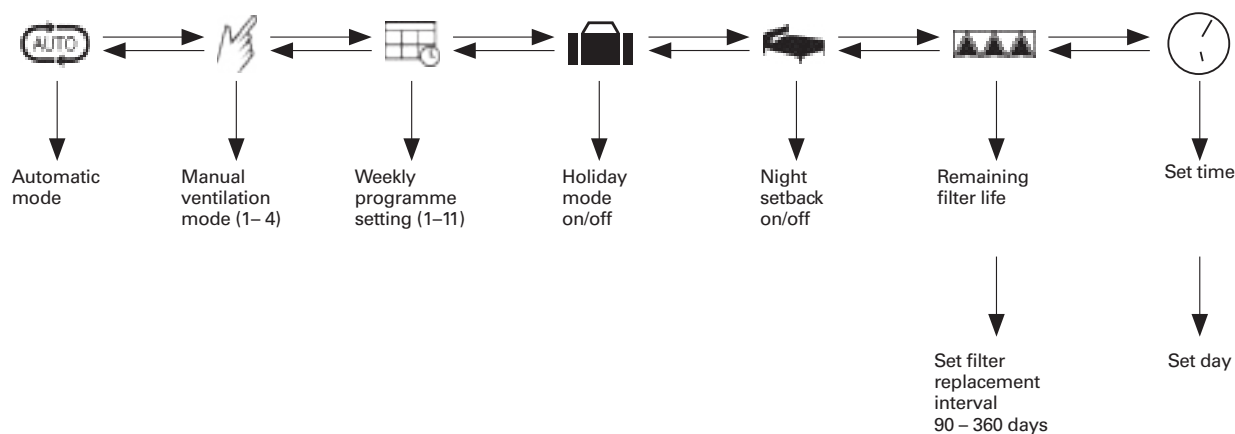
5.2 Keystroke combinations

Button	Function
	Push and hold the "CENTER" button for approx. 3 seconds. Takes you back to the start page from any menu item.
	Push and hold the "DOWN" button for approx. 5 seconds. Activates/deactivates manual summer bypass for 1 hour.
	Push and hold the "UP" button for approx. 5 seconds. Activates/deactivates fireplace operation for 15 minutes.
	Push and hold the "RIGHT" button for approx. 10 seconds. Activates/deactivates the installation mode.
	Push and hold the "CENTER" and "UP" buttons for approx. 10 seconds. Resets all settings and target values to the factory settings (only possible in activated installation mode).
	Push and hold the "LEFT" button for approx. 10 seconds. Resets the wireless remote control/ventilation unit synchronisation.

6. User menu






The user menu is used to control the profi-air flat/flex ventilation unit. It allows you to set, e.g., operating modes and visualise operating data, filter replacement, and error codes.

The user menu is set up as follows:







The following sections describe the individual display fields.

6.1 “Operating modes” display field

Symbol	Description												
	<p>Automatic mode (only with installed humidity sensor and/or VOC sensor)</p> <p>The automatic mode regulates the airflow rate of the ventilation unit depending on the humidity level and/or air quality in the building. A sensor in the extract air channel of the ventilation unit measures the humidity and/or air quality. The automatic mode is activated if the symbol is shown on the display. The set ventilation mode is also displayed there.</p> <p> We generally recommend operating the ventilation unit in automatic mode since this ensures constant air exchange as required. The automatic mode additionally prevents the house from drying out especially during the winter.</p>												
	<p>Manual operation</p> <p>In manual operation the user must set the ventilation mode himself/herself if the required air exchange in the house changes.</p>												
	<p>Weekly programme</p> <p>The ventilation mode is controlled via the selected profile when a weekly programme is activated. The profile can be changed as follows:</p> <table> <tr> <th>Step</th><th>Description</th></tr> <tr> <td>1</td><td>Start the user menu by pushing the “CENTER” button.</td></tr> <tr> <td>2</td><td>Select the weekly programme menu item by pushing the “LEFT” or “RIGHT” buttons.</td></tr> <tr> <td>3</td><td>Push the “DOWN” button as soon as the weekly programme symbol starts flashing. Now, the selected weekly programme, e.g., P1, flashes in the info line.</td></tr> <tr> <td>4</td><td>Select the weekly programme by pushing the “UP” or “DOWN” buttons.</td></tr> <tr> <td>5</td><td>Confirm this by pushing the “CENTER” button.</td></tr> </table> <p> See Section 9 for a description of the different weekly programmes.</p>	Step	Description	1	Start the user menu by pushing the “CENTER” button.	2	Select the weekly programme menu item by pushing the “LEFT” or “RIGHT” buttons.	3	Push the “DOWN” button as soon as the weekly programme symbol starts flashing. Now, the selected weekly programme, e.g., P1, flashes in the info line.	4	Select the weekly programme by pushing the “UP” or “DOWN” buttons.	5	Confirm this by pushing the “CENTER” button.
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3	Push the “DOWN” button as soon as the weekly programme symbol starts flashing. Now, the selected weekly programme, e.g., P1, flashes in the info line.												
4	Select the weekly programme by pushing the “UP” or “DOWN” buttons.												
5	Confirm this by pushing the “CENTER” button.												

6. User menu

Symbol	Description																		
	<p>Holiday mode</p> <p>The holiday mode can be activated for times when the building is not inhabited. The ventilation unit runs with minimum air exchange in holiday mode (i.e., 2/3 of the time in ventilation mode 1 and 1/3 of the time in ventilation mode 0). The function is deactivated by choosing another operating mode or after 28 days at the latest.</p> <p>! Deactivate the function immediately after the building is inhabited again since otherwise this causes an increased risk of condensation in the pipes, or might lead to moisture damage in the building.</p>																		
	<p>Night setback</p> <p>The ventilation unit runs in ventilation mode 1 with activated night setback. This function can be used together with the automatic mode, manual operation and activated weekly programme.</p> <p>You can set the period for the night setback as follows:</p> <table> <thead> <tr> <th>Step</th><th>Description</th></tr> </thead> <tbody> <tr><td>1</td><td>Start the user menu by pushing the "CENTER" button.</td></tr> <tr><td>2</td><td>Select the weekly programme menu item by pushing the "LEFT" or "RIGHT" buttons.</td></tr> <tr><td>3</td><td>Push the "DOWN" button as soon as the night setback symbol flashes. Now, the set start time, e.g., 11:00 pm, flashes in the info line.</td></tr> <tr><td>4</td><td>Select the start time by pushing the "UP" or "DOWN" buttons.</td></tr> <tr><td>5</td><td>Confirm this by pushing the "CENTER" button.</td></tr> <tr><td>6</td><td>Now, the set end time, e.g., 07:00 am, flashes in the info line.</td></tr> <tr><td>7</td><td>Select the end time by pushing the "UP" or "DOWN" buttons.</td></tr> <tr><td>8</td><td>Confirm this by pushing the "CENTER" button.</td></tr> </tbody> </table> <p> See Section 9 for a description of the different weekly programmes.</p>	Step	Description	1	Start the user menu by pushing the "CENTER" button.	2	Select the weekly programme menu item by pushing the "LEFT" or "RIGHT" buttons.	3	Push the "DOWN" button as soon as the night setback symbol flashes. Now, the set start time, e.g., 11:00 pm, flashes in the info line.	4	Select the start time by pushing the "UP" or "DOWN" buttons.	5	Confirm this by pushing the "CENTER" button.	6	Now, the set end time, e.g., 07:00 am, flashes in the info line.	7	Select the end time by pushing the "UP" or "DOWN" buttons.	8	Confirm this by pushing the "CENTER" button.
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7	Select the end time by pushing the "UP" or "DOWN" buttons.																		
8	Confirm this by pushing the "CENTER" button.																		
	<p>Time</p> <p>The time controls weekly programmes and night setback. Set the time as follows:</p> <table> <thead> <tr> <th>Step</th><th>Description</th></tr> </thead> <tbody> <tr><td>1</td><td>Start the user menu by pushing the "CENTER" button.</td></tr> <tr><td>2</td><td>Select the clock menu item by pushing the "LEFT" or "RIGHT" buttons.</td></tr> <tr><td>3</td><td>Push the "DOWN" button as soon as the clock symbol starts flashing. Now, the set start time, e.g., 05:00 p.m., flashes in the info line.</td></tr> <tr><td>4</td><td>Set by pushing the "UP" or "DOWN" buttons.</td></tr> <tr><td>5</td><td>Confirm this by pushing the "CENTER" button.</td></tr> <tr><td>6</td><td>Now, the set weekday flashes at the bottom edge of the clock. <ul style="list-style-type: none"> ■ MO – Monday ■ TU – Tuesday ■ WE – Wednesday ■ TH – Thursday ■ FR – Friday ■ SA – Saturday ■ SU – Sunday </td></tr> <tr><td>7</td><td>Select the weekday by pushing the "UP" or "DOWN" buttons.</td></tr> <tr><td>8</td><td>Confirm this by pushing the "CENTER" button.</td></tr> </tbody> </table>	Step	Description	1	Start the user menu by pushing the "CENTER" button.	2	Select the clock menu item by pushing the "LEFT" or "RIGHT" buttons.	3	Push the "DOWN" button as soon as the clock symbol starts flashing. Now, the set start time, e.g., 05:00 p.m., flashes in the info line.	4	Set by pushing the "UP" or "DOWN" buttons.	5	Confirm this by pushing the "CENTER" button.	6	Now, the set weekday flashes at the bottom edge of the clock. <ul style="list-style-type: none"> ■ MO – Monday ■ TU – Tuesday ■ WE – Wednesday ■ TH – Thursday ■ FR – Friday ■ SA – Saturday ■ SU – Sunday 	7	Select the weekday by pushing the "UP" or "DOWN" buttons.	8	Confirm this by pushing the "CENTER" button.
Step	Description																		
1	Start the user menu by pushing the "CENTER" button.																		
2	Select the clock menu item by pushing the "LEFT" or "RIGHT" buttons.																		
3	Push the "DOWN" button as soon as the clock symbol starts flashing. Now, the set start time, e.g., 05:00 p.m., flashes in the info line.																		
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7	Select the weekday by pushing the "UP" or "DOWN" buttons.																		
8	Confirm this by pushing the "CENTER" button.																		



For factory settings and setting options, see the profi-air flat/flex installation and operating instructions, Section 5.

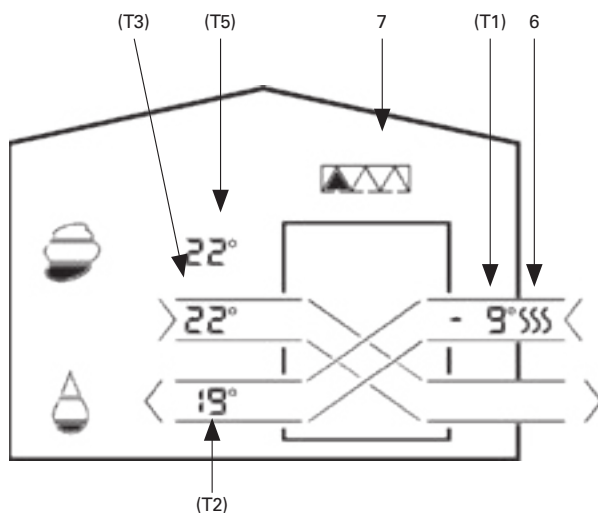


For summer bypass, automatic mode and frost protection control, see the profi-air flat/flex installation and operating instructions, Section 6.

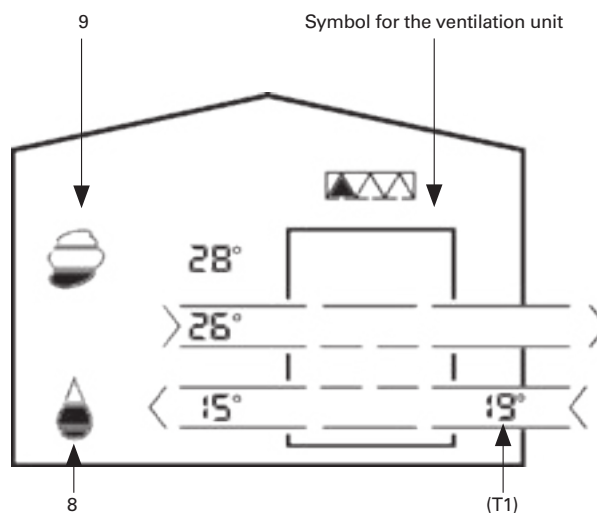
6. User menu

6.2 "Operating data" display field





The "operating data" display field displays different operating data depending on the system's current operating mode and/or the accessories connected. The following table shows and explains the individual items.



Heat recovery active



Summer bypass active

Symbol	Description														
(T1)	Fresh air temperature/measured in the fresh air channel of the ventilation unit.														
(T2)	Supply air temperature/measured in the supply air channel of the ventilation unit.														
(T3)	Extract air temperature/measured in the extract air channel of the ventilation unit.														
(T4)	Room temperature/measured at the wireless remote control.														
	Defroster heater (optional accessories required) Display with the profi-air defroster heater in operation.  For frost protection mode control strategies, see the profi-air flat/flex installation and operating instructions, Section 6.														
	Filters The triangles of the filter symbol show the remaining life of the filter. If all three triangles are displayed in black, the filter symbol flashes and the filter should be replaced. The filter alarm can be intermitted for 14 days by pushing any button on the wireless remote control. The factory setting for filter replacement is 180 days. This setting can be extended or reduced depending on the degree of pollution of the filter. Proceed as follows to display the remaining filter life or to adapt the interval for filter replacement: <table> <tr> <th>Step</th><th>Description</th></tr> <tr> <td>1</td><td>Start the user menu by pushing the "CENTER" button.</td></tr> <tr> <td>2</td><td>Select the filter menu item by pushing the "LEFT" or "RIGHT" buttons.</td></tr> <tr> <td>3</td><td>The remaining life of the filter is displayed in the info line as soon as the filter symbol flashes.</td></tr> <tr> <td>4</td><td>Push the "DOWN" button to display the filter interval in the info line.</td></tr> <tr> <td>5</td><td>Set by pushing the "UP" or "DOWN" buttons.</td></tr> <tr> <td>6</td><td>Confirm this by pushing the "CENTER" button.</td></tr> </table>  For filter replacement instructions, see the profi-air flat/flex installation and operating instructions and/or the replacement filter instruction leaflet.	Step	Description	1	Start the user menu by pushing the "CENTER" button.	2	Select the filter menu item by pushing the "LEFT" or "RIGHT" buttons.	3	The remaining life of the filter is displayed in the info line as soon as the filter symbol flashes.	4	Push the "DOWN" button to display the filter interval in the info line.	5	Set by pushing the "UP" or "DOWN" buttons.	6	Confirm this by pushing the "CENTER" button.
Step	Description														
1	Start the user menu by pushing the "CENTER" button.														
2	Select the filter menu item by pushing the "LEFT" or "RIGHT" buttons.														
3	The remaining life of the filter is displayed in the info line as soon as the filter symbol flashes.														
4	Push the "DOWN" button to display the filter interval in the info line.														
5	Set by pushing the "UP" or "DOWN" buttons.														
6	Confirm this by pushing the "CENTER" button.														

(7)






6. User menu

Symbol	Description											
<div>(8)</div>	Relative humidity (optional accessories required)											
	The drop symbol shows whether the humidity in the building is within the comfort zone.											
	Symbol	<table><thead><tr><th>Relative humidity</th><th>Description</th></tr></thead><tbody><tr><td></td><td>< 24 % very dry air</td></tr><tr><td></td><td>< 25 – 34 % dry air</td></tr><tr><td></td><td>35 – 65 % comfort zone</td></tr><tr><td></td><td>> 66 % humid air</td></tr></tbody></table>	Relative humidity	Description		< 24 % very dry air		< 25 – 34 % dry air		35 – 65 % comfort zone		> 66 % humid air
	Relative humidity	Description										
		< 24 % very dry air										
		< 25 – 34 % dry air										
		35 – 65 % comfort zone										
		> 66 % humid air										
		The drop symbol is active only if the ventilation unit is furnished with the optional humidity sensor.										
		The automatic mode must be activated to control the air volume depending on the humidity.										
	For automatic mode control strategies, see the profi-air flat/flex installation and operating instructions, Section 6.											
	Air quality (optional accessories required)											
	The cloud symbol shows the air quality in the building.											
	Symbol	<table><thead><tr><th>Relative humidity</th><th>Description</th></tr></thead><tbody><tr><td></td><td>< 800 ppm very good air quality</td></tr><tr><td></td><td>800 – 1,200 ppm good air quality</td></tr><tr><td></td><td>1,200 – 1,500 ppm sufficient air quality</td></tr><tr><td></td><td>> 1,500 ppm poor air quality</td></tr></tbody></table>	Relative humidity	Description		< 800 ppm very good air quality		800 – 1,200 ppm good air quality		1,200 – 1,500 ppm sufficient air quality		> 1,500 ppm poor air quality
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		800 – 1,200 ppm good air quality										
		1,200 – 1,500 ppm sufficient air quality										
		> 1,500 ppm poor air quality										
		The cloud symbol is active only if the ventilation unit is furnished with the optional VOC sensor.										
		The automatic mode must be activated to control the air volume depending on the air quality.										
	For automatic mode control strategies, see the profi-air flat/flex installation and operating instructions, Section 6.											

6. User menu







6.3 "Info line" display field

The info line displays error messages, information on different settings of the ventilation unit and the battery status of the wireless remote control.

Symbol	Description												
	<p>Alarm</p> <p>The alarm symbol means that there is a malfunction in the ventilation unit. The error code is displayed after the symbol.</p> <p> See Section 8 for a list of error codes.</p> <p> For more troubleshooting information, see the profi-air flat/flex installation and operating instructions, Section 8.</p>												
	<p>Information regarding time setting, weekly programmes, error codes, etc. is displayed here.</p> <table> <thead> <tr> <th>Display</th><th>Meaning</th></tr> </thead> <tbody> <tr> <td>A1</td><td>A1 automatic programme is selected.</td></tr> <tr> <td>P1, P2 ...</td><td>Weekly programme number</td></tr> <tr> <td>BYP1</td><td>Manual summer bypass is activated, 1 h left.</td></tr> <tr> <td>DEF</td><td>Defroster function active</td></tr> <tr> <td>E1, E2 ...</td><td>Error code</td></tr> </tbody> </table>	Display	Meaning	A1	A1 automatic programme is selected.	P1, P2 ...	Weekly programme number	BYP1	Manual summer bypass is activated, 1 h left.	DEF	Defroster function active	E1, E2 ...	Error code
Display	Meaning												
A1	A1 automatic programme is selected.												
P1, P2 ...	Weekly programme number												
BYP1	Manual summer bypass is activated, 1 h left.												
DEF	Defroster function active												
E1, E2 ...	Error code												
	<p>Low battery status in the wireless remote control</p>												

6.4 "Ventilation mode" display field

This display field displays the current ventilation mode.

Symbol	Description
	<p>Mode 0</p> <p>The device is switched off. This function may be used in exceptional cases only, e.g., unpleasant odour from the outside. After activating mode 0, this will be enabled for 4 hours and switched to mode 3 afterwards.</p> <p> The device is switched off. This function may be used in exceptional cases only, e.g., unpleasant odour from the outside. After activating mode 0, this will be enabled for 4 hours and switched to mode 3 afterwards.</p>
	<p>Mode 1 (protection against humidity)</p> <p>The lowest fan speed protects the building from moisture during times of longer absence of the inhabitants (e.g., holidays).</p> <p>49 % of the set fan speed in mode 3</p>
	<p>Mode 2 (reduced ventilation)</p> <p>The low fan speed is used for reduced ventilation during times of absence of the inhabitants.</p> <p>70 % of the set fan speed in mode 3</p>
	<p>Mode 3 (rated ventilation)</p> <p>The normal fan speed is used for rated operation of the ventilation unit when the inhabitants are present.</p> <p>Can be set between 46 % and 91 % of fan speed.</p>
	<p>Mode 4 (full-scale ventilation)</p> <p>The maximum fan speed is used for full-scale ventilation (party mode). After activating mode 4, this will be enabled for 4 hours and switched to mode 3 afterwards.</p> <p>Can be set from ventilation mode 3 to 100 % of the fan speed.</p>

7. Fitter menu

The fitter menu is used to commission the profi-air flat/flex ventilation unit.

Push and hold the "RIGHT" button for 10 seconds to activate the fitter menu. The unit symbol starts flashing slowly and the control switches to ventilation mode 3. You can also access the fitter menu by pushing and holding the MANUAL and AUTO buttons at the control unit for 5 seconds.

The fitter menu remains active for 60 minutes or until you push the same combination of buttons for a restart.

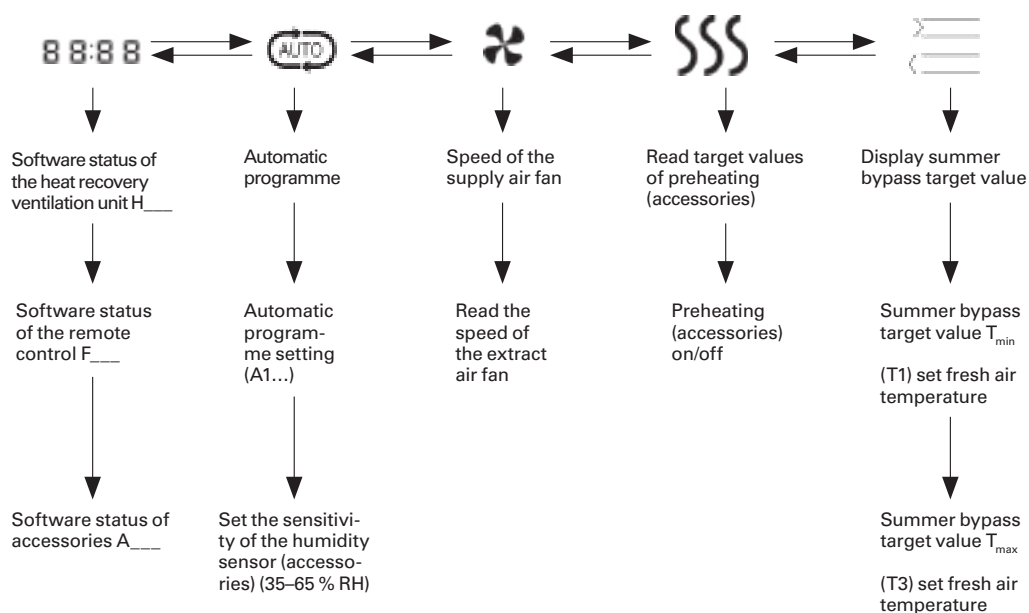


Only experts and service technicians who have familiarised themselves comprehensively with the ventilation unit may use the fitter menu. Wrong settings may lead to device and/or building damage.



For commissioning information, see the profi-air flat/flex installation and operating instructions, Section .

The fitter menu is set up as follows:



7. Fitter menu





7.1 SW menu item

This menu item displays the software versions of the different components in the info line.

Display	Description
H...	Software version of the mainboard in the ventilation unit
F...	Software version of the wireless remote control
A...	Software version of the connection box


7.2 Automatic mode menu item (optional accessories required)

This menu item displays the automatic programme and the target value for relative humidity.

Display	Description														
<div>Operating modes display field</div> <div></div>	<p>The selected automatic programme is displayed.</p> <p>You can set the humidity target value as follows:</p> <table><tr><th>Step</th><th>Description</th></tr><tr><td>1</td><td>Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.</td></tr><tr><td>2</td><td>Push the “CENTER” button to display the A1 automatic programme and the currently measured value.</td></tr><tr><td>3</td><td>Push the “CENTER” button to display the humidity target value (display flashes rapidly).</td></tr><tr><td>4</td><td>Set by pushing the “UP” or “DOWN” buttons.</td></tr><tr><td>5</td><td>Confirm this by pushing the “CENTER” button.</td></tr><tr><td>6</td><td>Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.</td></tr></table> <div>If a set target value is too low, this can compromise the well-being of the inhabitants and/or lead to certain materials in the building drying out.</div> <div>If a set target value is too high, this can compromise the well-being of the inhabitants and/or lead to moisture damage in the building.</div>	Step	Description	1	Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.	2	Push the “CENTER” button to display the A1 automatic programme and the currently measured value.	3	Push the “CENTER” button to display the humidity target value (display flashes rapidly).	4	Set by pushing the “UP” or “DOWN” buttons.	5	Confirm this by pushing the “CENTER” button.	6	Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.
Step	Description														
1	Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.														
2	Push the “CENTER” button to display the A1 automatic programme and the currently measured value.														
3	Push the “CENTER” button to display the humidity target value (display flashes rapidly).														
4	Set by pushing the “UP” or “DOWN” buttons.														
5	Confirm this by pushing the “CENTER” button.														
6	Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.														
<div>Info line display field</div> <div>A1</div>															
<div>Operating data display field</div> <div></div>															

7.3 Fan menu item

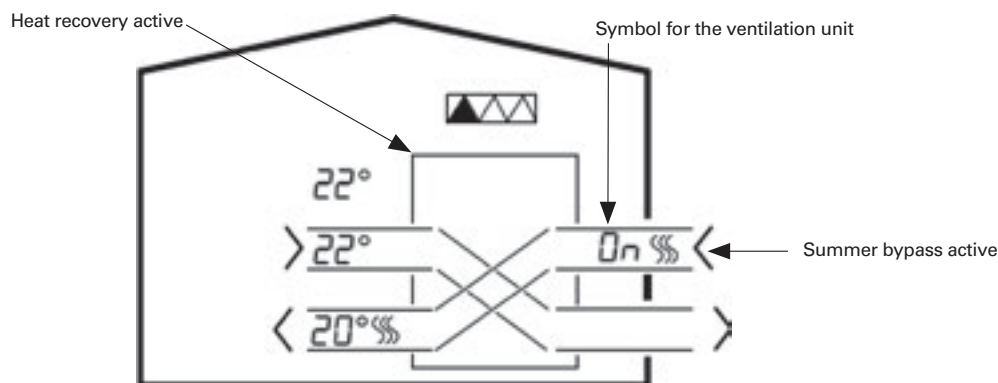
This menu item displays the automatic programme and the target value for relative humidity.

Display	Description										
Ventilation mode display field 	Proceed as follows to display fan speed:										
Info line display field Current ventilation mode	<table><tr><th>Step</th><th>Description</th></tr><tr><td>1</td><td>Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.</td></tr><tr><td>2</td><td>Select the fan menu item by pushing the “RIGHT” button until the fan symbol starts flashing. If the fan symbol and the supply air channel are flashing, the info line will show the fan speed of the supply air fan.</td></tr><tr><td>3</td><td>Push the “DOWN” button to display the extract air fan. If the fan symbol and the extract air channel are flashing, the info line will show the fan speed of the extract air fan.</td></tr><tr><td>4</td><td>Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.</td></tr></table>	Step	Description	1	Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.	2	Select the fan menu item by pushing the “RIGHT” button until the fan symbol starts flashing. If the fan symbol and the supply air channel are flashing, the info line will show the fan speed of the supply air fan.	3	Push the “DOWN” button to display the extract air fan. If the fan symbol and the extract air channel are flashing, the info line will show the fan speed of the extract air fan.	4	Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.
Step	Description										
1	Push and hold the “RIGHT” button for approx. 10 seconds to start the fitter menu.										
2	Select the fan menu item by pushing the “RIGHT” button until the fan symbol starts flashing. If the fan symbol and the supply air channel are flashing, the info line will show the fan speed of the supply air fan.										
3	Push the “DOWN” button to display the extract air fan. If the fan symbol and the extract air channel are flashing, the info line will show the fan speed of the extract air fan.										
4	Push and hold the “RIGHT” button for approx. 10 seconds to end the fitter menu.										
Operating data display field flashing supply air channel flashing extract air channel											

7. Fitter menu

7.4 Defroster heater menu item (optional accessories required)

This menu item activates/deactivates the defroster heater:



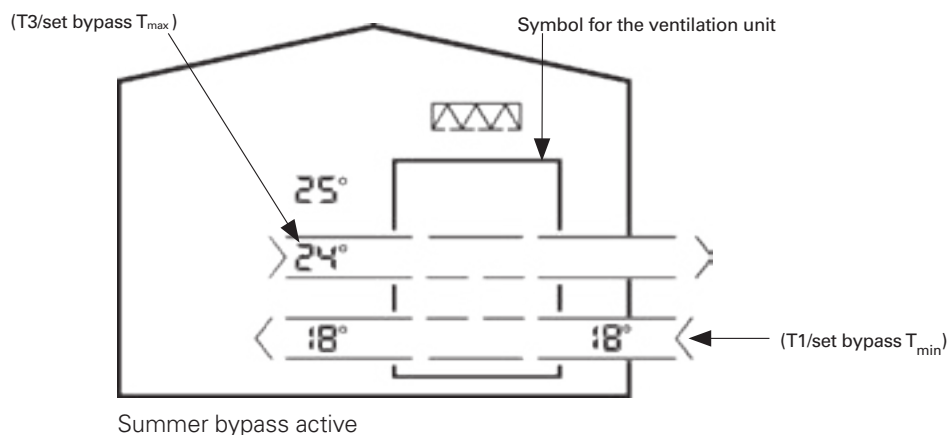
Step	Description
1	Push and hold the "RIGHT" button for approx. 10 seconds to start the fitter menu.
2	Select the defroster menu item by pushing the "RIGHT" button until the defroster heater symbol starts flashing.
3	Push the "CENTER" button to display the current setting.
4	Push the "UP" or "DOWN" buttons to activate or deactivate the defroster heater. "ON" – defroster heater activated "OFF" – defroster heater deactivated
5	Confirm this by pushing the "CENTER" button.
6	Push and hold the "RIGHT" button for approx. 10 seconds to exit the fitter menu.



For frost protection mode control strategies, see the profi-air flat/flex installation and operating instructions, Section 6.

7.5 Summer bypass menu item

You can set the desired target temperatures for the summer bypass under this menu item:



7. Fitter menu

Step	Description
1	Push and hold the "RIGHT" button for approx. 10 seconds to start the fitter menu.
2	Select the summer bypass menu item by pushing the "RIGHT" button until the summer bypass is displayed as shown above. The ventilation unit symbol flashes. The displayed temperatures still equal the currently measured values.
3	Push the "CENTER" button to display the T1/set bypass Tmin and T3/set bypass Tmax target values.
4	Push the "CENTER" button to set the T1/set bypass Tmin target value. The T1 target value flashes and can be changed by pushing the "UP" and "DOWN" buttons (8 to 15 °C range). Confirm this by pushing the "CENTER" button again.
5	After confirming the last setting, the T3 target value flashes and can be changed by pushing the "UP" and "DOWN" buttons (22 to 30 °C range/"OFF"). The summer bypass is deactivated permanently if the target value is set to "OFF". Confirm this by pushing the "CENTER" button again.
6	Push and hold the "RIGHT" button for approx. 10 seconds to exit the fitter menu.



For summer bypass control strategies, see the profi-air flat/flex installation and operating instructions, Section 6.

7.6 Target values and setting ranges

The following table shows the target values and setting ranges which can be adapted using the wireless remote control.

Description	Factory setting	min	max.
Humidity automatic mode (RH %)	45 %	35 %	45 %
Summer bypass T _{min} Fresh air temperature (T1)	15 °C	8 °C	15 °C
Summer bypass T _{max} Extract air temperature (T3)	24 °C	22 °C/OFF	30 °C
Defroster heater	OFF	OFF	OFF
Filter replacement interval	180 days	90 days	360 days

7.7 Reset to factory settings

You can reset the ventilation unit to the factory settings from the fitter menu. Push and hold the "UP" and "CENTER" buttons at the same time for approx. 10 seconds until the entire display flashes.

9. Weekly programmes

Weekly programme P3

[illegible]

Weekly programme P4

[illegible]

Weekly programme P5

[illegible]

Weekly programme P6

Weekly programme P7

Weekly programme P8

[illegible]

9. Weekly programmes

Weekly programme P9

Monday - Friday																								
Time / mode	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
4																								
3																								
2																								
1																								

Weekend																								
Time / mode	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
4																								
3																								
2																								
1																								

Weekly programme P10

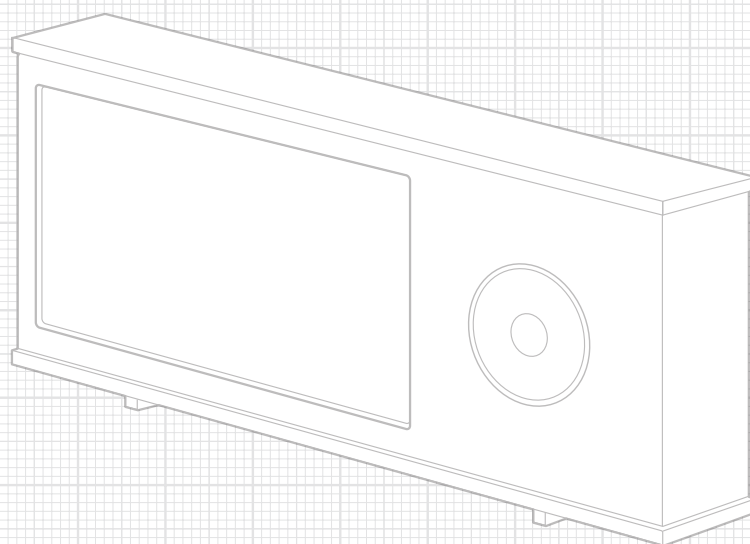
Monday - Friday																								
Time / mode	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
4																								
3																								
2																								
1																								

Monday - Friday																								
Time / mode	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24
4																								
3																								
2																								
1																								

Weekly programme P11

Using the profi-air cockpit pro software, you can programme the P11 weekly programme as required.

[illegible]



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