

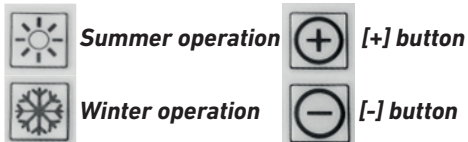
# MANUAL FOR THE CONTROL UNIT

## MINI LG 350 / LG 450

Your PICHLER compact ventilation unit is equipped with a **MINI LG 350/LG 450 control unit**. These brief instructions describe the most important functions.

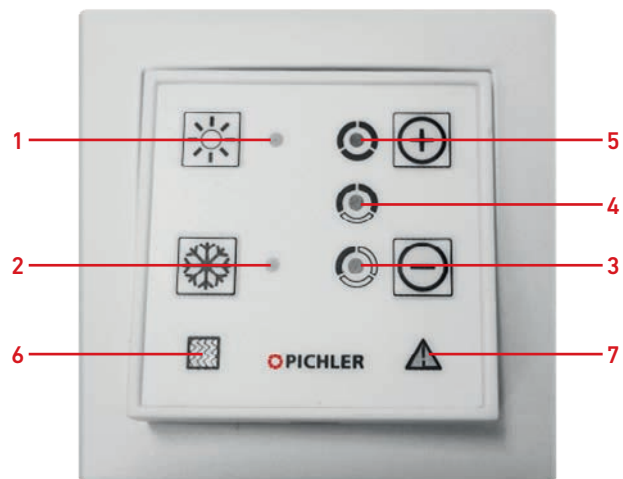
### Button assignment for MINI LG 350 / LG 450

The unit is controlled via **4 pushbuttons**.



Furthermore, **7 LEDs** indicate the current status of the ventilation unit and output a filter check message and a possible fault message.

- 1 Summer operation**
- 2 Winter operation**
- 3 Ventilation level 1 (reduced ventilation)**
- 4 Ventilation level 2 (standard ventilation)**
- 5 Ventilation level 3 (intensive ventilation)**
- 6 Filter check message**
- 7 Malfunction**



### Operation of the MINI LG 350 / LG 450



#### Switching on

Press the **[+] button** until one diode in the fan symbol is lit green.



#### [+] button and [-] button

By means of the **[+] button** and **[-] button** the ventilation levels can be changed:

- **Standby (no LED is lit) / basic ventilation (bottom LED flashes)**  
Depending on the configuration of the system, the system can be switched to Standby or to basic ventilation (bottom LED flashes).
- **Ventilation level 1 (bottom LED)**
- **Ventilation level 2 (middle LED)**
- **Ventilation level 3 (top LED)**



### **Operating mode**

Use the left-hand symbol buttons to change between the operating modes **Summer / Winter / Automatic operation.**

**Summer operation:** Summer or bypass operation supports the cooling of the living space and is indicated by the LED next to the summer symbol.

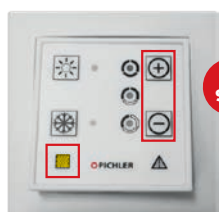
**Winter operation:** In winter operation, the outdoor air is always guided via the heat exchanger, indicated by the LED next to the winter symbol.

**Switching automatic operation on/off:** By pressing the **[Summer]** and **[Winter]** buttons simultaneously, the automatic mode is activated, which, depending on the outside air temperature, automatically changes between summer and winter operation. An active automatic mode is indicated by an illuminated summer and winter LED. By pressing the **[Summer]** or **[Winter]** button, the automatic mode is deactivated.



### **Malfunction**

**On the lower right side you can find the LED for error messages. Please contact your installer!**



### **Filter check**

When the filter lifetime has expired (default setting: 90 days), the control unit indicates the necessity of a filter check via the LED provided for this purpose, which is then lit yellow permanently.

Reset the filter counter after changing the filters. To do this, press the **[+]** button and the **[-]** button simultaneously for **5 seconds**. The filter message will disappear after entering this combination.



### **Premature filter replacement**

If the air filters are replaced prematurely, the filter counter must be reset without a pending filter message.

To do this, you again press the **[+]** button and the **[-]** button simultaneously for **5 seconds**.



### **Switching off the ventilation unit**

When carrying out work with strong dust formation, switch the ventilation unit to standby operation.

When reaching ventilation level 1, press the **[-]** button once more until no LED is lit anymore.

If the basic ventilation function is activated for your unit, you must disconnect all poles of the unit from the mains.

Switch on the ventilation unit again immediately after you have completed the work by pressing the **[+]** button.

**NOTE:** These brief instructions do NOT substitute the **Operating Manual** which is available for download on the Internet. We furthermore recommend concluding a **contract for annual servicing** by a specialised and officially licensed company.

**ATTENTION: Only authorised specialist staff may perform work on the ventilation unit (except filter replacement)!**