



CleanZone® SL Series

User Manual



 **Swiss Made**



Read and save these instructions

Safety Precautions

To reduce the risk of fire, electric shock, or injury to person(s) observe the following:

- Installations must be done in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
- The unit is not designed to provide combustion and/or dilution air for fuel-burning appliances.
- Always disconnect the power cord from electrical outlet before replacing filters, adding or removing parts and before cleaning.
- This unit must be grounded. The power supply cord has a grounding plug for your personal safety. It must be plugged into a mating grounding receptacle, grounded in accordance with the national electrical code and local codes and ordinances. Do not remove the ground prong. Do not use an extension cord.
- This unit must be installed in an indoor location, protected from the elements.
- When the ambient temperature for the unit location is below freezing (32°F / 0°C), the unit must run continuously to prevent condensation.
- Do not attempt to recover in any way the exhaust air from a dryer or a range hood. This would cause clogging of the filters and constitute a fire hazard. This will also void the warranty.
- Do not operate this appliance if it has a damaged cord or plug, if the motor fan fails to rotate, if it is not working properly, if it has been dropped or damaged. Contact IQAir for repair or replacement part service.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in this document.
- Do not use this appliance in explosive areas. Do not use this appliance in areas with very high concentrations of dusts or powder to prevent the danger of dust explosions.
- Only use original IQAir® filters and accessories. Use of non-IQAir parts will void the warranty.
- Keep the power cord away from heated surfaces.
- If the unit is used during construction or renovation, regularly check for prematurely clogged filters.
- Save these instructions for future reference.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- If a stationary appliance is not fitted with a supply cord and a plug, or with other means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III conditions, the instructions shall state that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- Always wear appropriate protective equipment, such as work gloves, safety goggles for service.

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Chapter 1 – Air Cleaning Systems and Indoor Air Quality

1.1 Improving Indoor Air Quality

Air cleaning can play an important role when it comes to improving indoor air quality. However, it should be noted that air cleaning should be used in conjunction with pollution source control and ventilation, wherever possible.

Strategy to improve indoor air quality

To tackle any indoor air quality problem, keep the following three-step strategy in mind:

1. Eliminate or reduce the air pollution source as much as possible. Source control is by far the most effective way to improve indoor air quality, since it deals with air pollution at the point of origin.
2. Ensure that sufficient fresh air is entering the room from outside. Air cleaners are not a substitution for sufficient ventilation. They are not able to reverse the conversion of oxygen (O₂) into carbon dioxide (CO₂), caused by breathing and combustion processes.
3. Ensure the IQAir system can clean enough air to cope with the size of the indoor environment. The actual hourly air volume cleaned by the system should be at least double the air volume of the indoor space. If the rate at which pollutants enter the room air is high or the indoor air quality requirements are stringent, the hourly air delivery of the system needs to exceed the room air volume several times. To achieve the appropriate level of air turnover, it may be necessary to employ more than one system.

Air Cleaning Results

Although air cleaners may be advertised and sold to be suitable for use in specific indoor environments and to deal with specific indoor air quality problems, the manufacturer and distributors make no claim as to the specific air cleaning results that are achieved under the user's individual operating conditions. The air quality improvements that can be realized with the IQAir system (as with any air cleaner) in indoor environments depends to a significant degree on individual circumstances, which are out of the control of the manufacturer or distributors. Important factors which will influence the air quality improvements that can be achieved in an indoor environment with an air cleaner include:

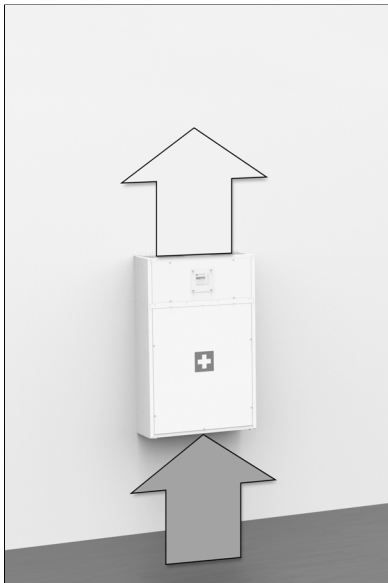
- Type of air pollutants present
- Intensity of the pollutant source(s)
- Pollutant concentration
- Size of the indoor environment
- Operating speed of the unit
- Saturation state of the filters in the air cleaner

Consult a qualified specialist to determine an effective and comprehensive indoor air quality strategy.

Chapter 2 – Model Overview

2.1 Introduction

Air is drawn in through the inlet grille panel at the base of the unit (vertical installation) or the side of the units (horizontal installation). Next the air is drawn through a special filter that removes airborne particulates with high efficiency. If the optional Silencer is installed (CleanZone SLS) the air is then directed through the noise absorbing Silencer module. If gas phase filters are installed (CleanZone SLS GCX), gaseous contaminants are removed as well. Finally the cleaned air is expelled through the adjustable louvers.



Airflow through CleanZone SL



Airflow through CleanZone SLS (GCX)

In addition to the high air delivery, the CleanZone SL models are also designed to direct the airflow for maximum reach, thereby enhancing air circulation and maximising the air cleaning performance within a room. Because of the high airflow, special care must be taken during the installation process to ensure that the airflow patterns within the room achieve this air cleaning action without disturbing the occupants.

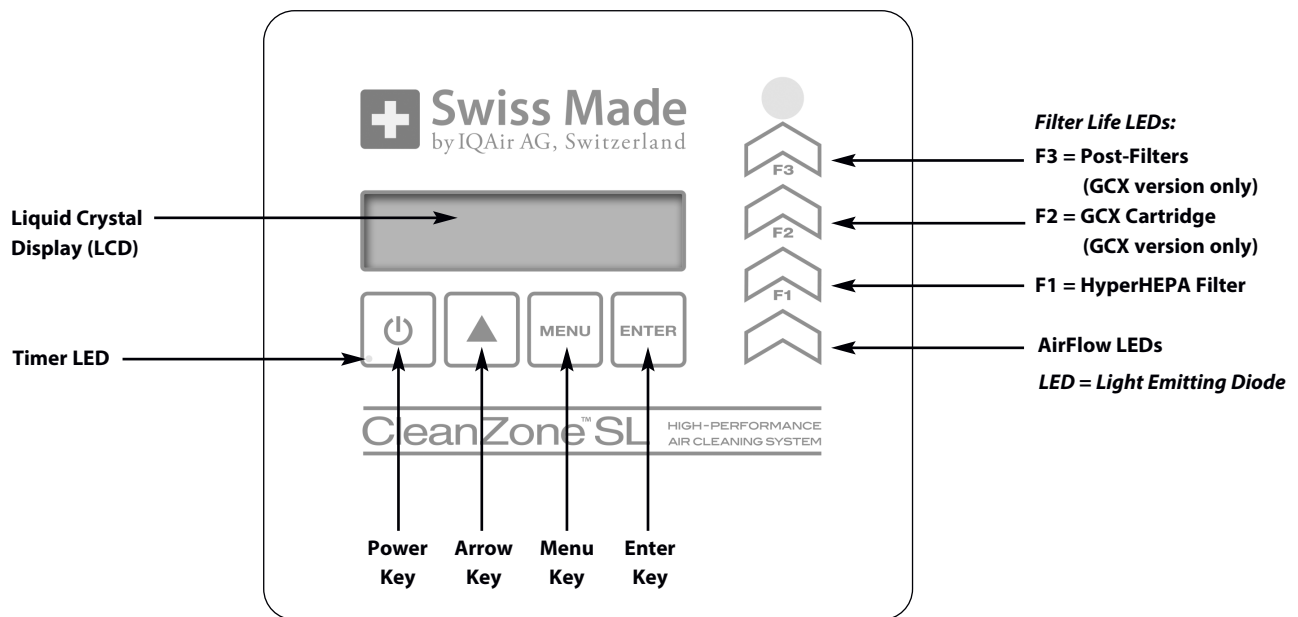
Chapter 3 – Operating Instructions

3.1 Control Panel Functions

The CleanZone system is operated and controlled via the control panel located at the front of the system. Several operations can be completed via the electronic control panel, including:

- Switching the system on and off
- Controlling the fan speed and corresponding air delivery rate
- Checking the remaining filter life
- Setting the automatic timer
- Resetting the Filter Life Monitor after replacing a filter
- Locking the control panel to avoid tampering with the system's setting
- Choosing the desired display language


3.2 Description of Control Panel Elements



LCD Display: The 2-line LCD displays important information about the system’s settings. In standby mode, the first line shows the device model number. If the timer is activated, the first line will show the current day and time, and the programmed start and stop times will be displayed on the second line.


When the CleanZone system is running, the first line displays the current speed setting and the second line displays the corresponding air delivery rate of the system. By pressing the Menu key, 13 menu functions may be accessed. These functions are explained in detail in this chapter.

Power Key


 The **Power** key switches the CleanZone SL on and off. When the system is switched off, the fan stops running, but the system will remain connected to the power supply (standby mode). The standby mode allows for automatic timer start-up. In the standby mode, the different menu functions can be accessed.

Tip: In a menu window the **Power** key also serves as a quick exit key to return to the main display window.

Arrow (▲) Key


 When the system is switched on, the ▲ key allows the adjustment of the fan speed. In the enter mode, indicated by the appearance of a black flashing cursor (see “Enter Key” below), the **Arrow** ▲ key is used to modify the selected setting in the display window. Confirmed with the **Enter** key, the enter mode is automatically terminated. The LCD will then display the current menu settings for another 15 seconds before reverting to the main window display.

Menu Key

 The **Menu** key allows access to any one of 13 menus. Pressing the **Menu** key once allows access to the first menu function. Pressing the **Menu** key twice allows access to the second menu function, and so on. If no key is pressed for 15 seconds in a menu window, the display will revert to the main display window.

Tip: If you are in a menu window and would like to remain in the window for more than 15 seconds, keep the ▲ key depressed.

Enter Key

 The **Enter** key, if pressed for three seconds, allows the modification of a setting. The enter mode is indicated by a flashing cursor on the modifiable setting. Pressing the **Enter** key again will save any entry and move the cursor to the next modifiable item in the display window. When the last modifiable choice in a window is confirmed with the **Enter** key, the enter mode is automatically terminated and the new settings are saved.

Filter Life LEDs: Whenever the system is on, the colour of the filter life light emitting diodes (LEDs) indicates the state of the individual filters in the system.

The filter life indicator LEDs signal four possible stages in the life of the filter:

- 1. Green:** The filter is still within 80% of its calculated life span.
- 2. Orange:** The filter is approaching the last 20% of its calculated life span.
- 3. Red:** The filter has reached the end of its calculated life span.
- 4. Red blinking:** The filter has passed its calculated life span and should be replaced immediately. The CleanZone SL's effectiveness is likely to have been reduced dramatically, either due to a reduction in airflow (particle filters are clogged) or a reduction in filter efficiency (gas phase filters are saturated).

***Note:** The remaining filter life information is based on the currently selected fan speed and the programmed pollution level.*

Airflow LEDs: These LEDs indicate that the fan is running; the faster the light sequence is, the faster the actual fan speed of the unit.

3.3 Regulating Fan Speed

The CleanZone SL can be set to run at five different fan speeds which correspond to five different airflow rates. Speed 1 is the lowest, and speed 5 the highest fan speed. To change the fan speed, press the ▲ key. When the CleanZone SL is running, the LCD displays the fan speed and the corresponding airflow rates.

***Note:** When switched on using the **Power** button, the system starts at the fan speed at which it was running when last used.*

3.4 Overview of Menu Items

1. Filter Life Monitor (read only)

Indicates the remaining filter life of the individual filter elements within the system. Filters are numbered in the order in which air flows through them. This is a read-only menu.



```

Remaining Life
HyperHEPA 11000h

```

2. Daily Timer

Activates the timer and sets the daily ON period.



```

Auto Timer: ON
00:00 -> 00:00

```

3. Weekly Timer

Indicates the weekdays on which the timer will be active.



```

Mo Tu W T F S Su
* * * * * * *

```

4. Timer ON Speed

Sets the fan speed for the Timer ON period.



```

Timer ON Speed:
5

```

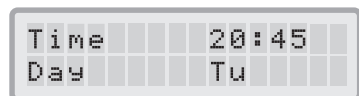
5. Timer OFF Speed

Sets the fan speed for times outside the Timer ON period.



6. Time / Day Setup

Sets the current time and day.



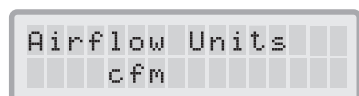
7. Filter Life Reset

Resets the Filter Life Monitor after replacing a filter element.



8. Airflow Units

Enables the user to choose between metric and imperial units for the airflow display.



9. Pollution Level Setting

Allows the modification of the air pollution setting so the system can calculate the remaining filter life, taking pollution intensity into account.



10. Language

Sets the display language. English is the default language.



11. Model Change

Preset during installation. Do not adjust.



12. Operating Hours

Indicates the number of hours the CleanZone system has been in operation. This is a read-only menu.



13. Service/Installer/Factory Access

Service Access allows users to access the password feature. Installer Access and Factory Access are for authorised service personnel and factory use only, respectively.



3.5 Menu Items in Detail

The CleanZone control panel offers a choice of several menu options which allow access to the advanced features of the system. In total, there are 13 active menu functions. The functions can be accessed in either standby mode or when the device is running.

3.5.1 Filter Life Monitor (read only)

The Filter Life Monitor shows the remaining life of the filter at any given time. The Filter Life Monitor watches over the most important factors affecting the life of the filter. Thanks to the Filter Life Monitor, the user does not have to guess when the filter needs to be replaced or replace it at a fixed interval (which rarely corresponds to the actual amount of use).



1. To reach the Filter Life Monitor from the main display window, press the **Menu** key once. The remaining life of the HyperHEPA filter will appear. If GCX cartridges are also installed, pressing the ▲ key will show the remaining life of the GCX cartridges (“Cartridges”) and pressing the ▲ key again will show the remaining life of the GCX post-filter sleeves (“Sleeves”).

- The remaining life of the filter is expressed in hours of operation at the current speed setting and the programmed Pollution Level Index.

How the Filter Life Monitor Works

The Filter Life Monitor makes a calculation of the remaining filter life, taking into account not only past use of the system, but also likely future use.

Past use is calculated from the already elapsed operation time at the set fan speeds and Pollution Level Indices during that period. This input is compared with an internal memory bank that contains information about the different filters' lives under specific conditions of use.

As reference for future use, the Filter Life Monitor uses the fan speed and the Pollution Level Indices that are currently set. The relationship between the current fan speed, the current Pollution Level Indices, and the remaining filter life displayed can be expressed as follows:

- The higher the current fan speed setting, the shorter the remaining filter life.
- The higher the current Pollution Level Index setting, the shorter the remaining filter life.

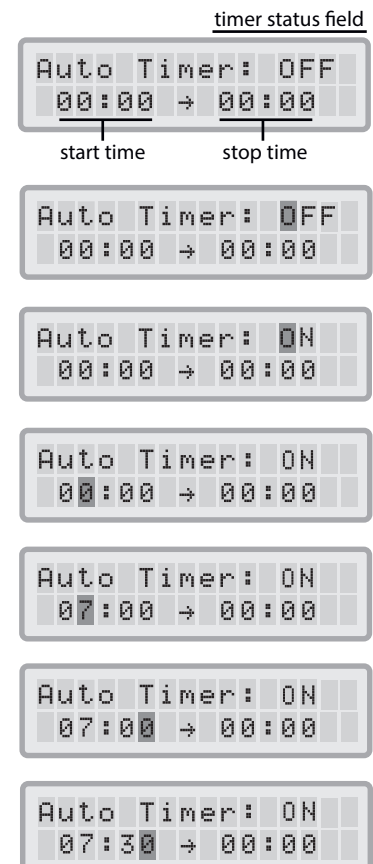
3.5.2 Daily Timer

Note: the correct time/date needs to be programmed for the timer function to operate correctly.

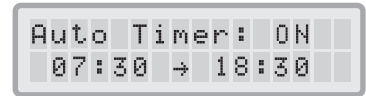
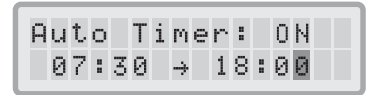
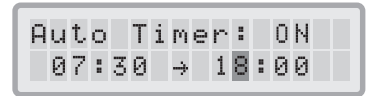
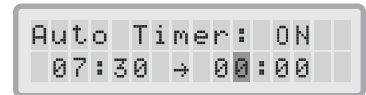
The Daily Timer Menu allows the setting of a Timer ON period, which is defined by a start time and a stop time. For the Timer ON period, a fan speed can be selected in the Timer ON Fan Speed menu. The time outside the Timer ON period is defined as the Timer OFF period, for which the air cleaner can be switched off or for which a different fan speed can be selected in the Timer OFF Fan Speed menu.

The timer status field indicates whether the timer function is enabled or disabled and allows the user to quickly enable/disable the timer (e.g., turn it off for holidays).

- To reach the Daily Timer Menu from the main display window, press the **Menu** key twice.
- Press and hold the **Enter** key until the cursor starts to flash.
- Press the **▲** key one time to activate the timer.
Note: If the START and STOP times are identical, the timer cannot be activated.
- Press the **Enter** key to save the timer status setting and to proceed to the START time.
- Select the desired START hour by pressing the **▲** key.
Note: The time is displayed in a 24 hrs. clock (e.g., 6:00 pm is 18:00)
- Press the **Enter** key to save the START hour and to proceed to the minute setting.
- Select the desired START minute setting by pressing the **▲** key.
Note: The minute settings can only be set in five minute increments.

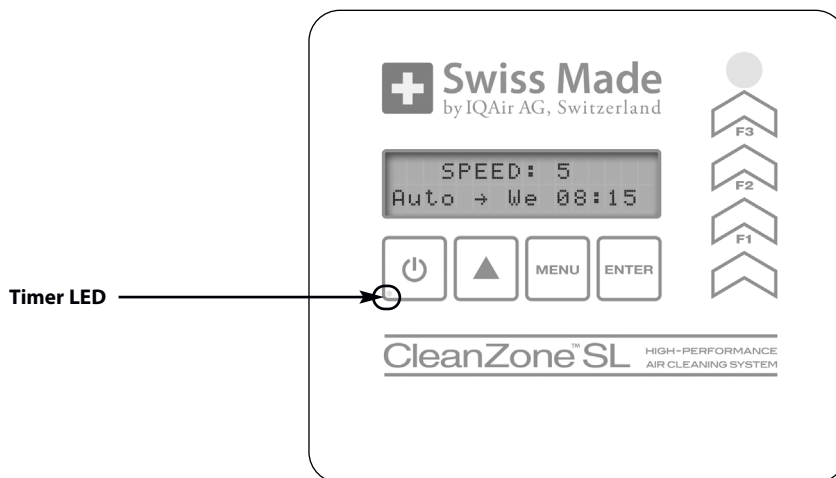


8. Press the **Enter** key to save the minute setting, save the START time and to proceed to the STOP time setting.
9. Select the desired STOP hour by pressing the **▲** key.
10. Press the **Enter** key to save the STOP hour and to proceed to the minute setting.
11. Select the desired STOP minute setting by pressing the **▲** key.
12. Press the **Enter** key to save the STOP minute setting, save the STOP time and to exit the enter mode.



Timer Information in the Control Panel

The CleanZone SL control panel displays the timer status without the need to access the Timer menu windows. When the timer is activated, the second line of the display's main window shows the selected start and stop times. In addition, the timer LED will show a green light when the timer is activated. When the timer is not activated, the timer LED will show a red light (in standby mode) or no light (when the CleanZone is running).



3.5.3 Weekly Timer

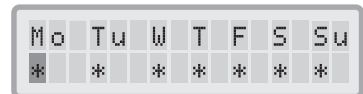
The Weekly Timer allows the activation/deactivation of the Timer ON period on certain days of the week. In its default setting, the timer is enabled on all seven days of the week, and is indicated by asterisks below the abbreviations of the days. On days, without an asterisk, the air cleaner will be running at the speed that is set in the Timer OFF Fan Speed menu.

Note: At least one day of the week must be enabled with an asterisk to be able to run the Daily Timer. If the timer is disabled on all days of the week, the timer status field in the Daily Timer menu will switch to "OFF" and the timer will be disabled.

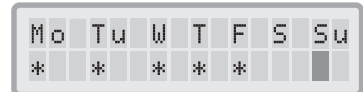
1. To reach the Weekly Timer Menu from the main display window, press the **Menu** key three times.



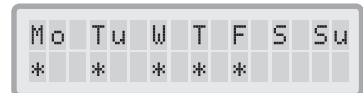
2. Press and hold down the **Enter** key until the cursor appears.



3. Press the **▲** key to activate (asterisk) or deactivate (no asterisk) the Daily Timer on a particular day. Press the **Enter** key to proceed to the next day.



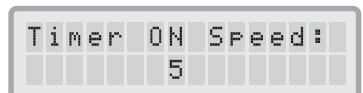
4. Repeat the same procedure until the timer has been activated/deactivated on the desired days. The final **Enter** command exits the enter



3.5.4 Timer ON Speed

The Timer ON/OFF Speed menus allow the programming of two different fan speeds for two different time periods (referred to as Timer ON and Timer OFF periods). For the Timer ON period you can select between fan speeds 1 to 5. For the Timer OFF period you can select between fan speeds 0 (i.e. off) to 5.

1. To reach the Timer ON Fan Speed menu from the main display window, press the **Menu** key four times.



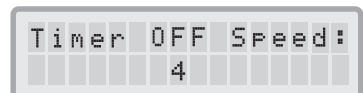
2. Press and hold the **Enter** key until the cursor appears.



3. Press the **▲** key to select the desired speed for the Timer ON period. The default setting is Speed 5.



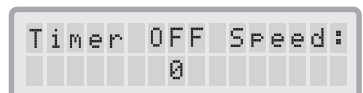
4. Press the **Enter** key to confirm the chosen speed and to exit the enter mode.



3.5.5 Timer OFF Speed

For the Timer OFF period you can select between fan speeds 0 (i.e. off) to 5.

1. To reach the Timer OFF Fan Speed menu from the main display window, press the **Menu** key five times.



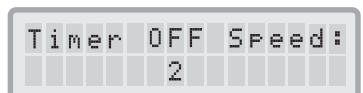
2. Press and hold the **Enter** key until the cursor appears.



3. Press the **▲** key to select the desired speed for the Timer OFF period.



4. Press the **Enter** key to confirm the chosen speed and to exit the enter mode.



3.5.6 Time/Date Setup

When the Air Filtration System is first connected to the power, the day and time displayed will be incorrect and will have to be set for the timer function to work properly. Once the current day and time are set, they will only need to be reset if the unit is disconnected from the power supply for more than an hour.

1. To access the Time/Date Setup menu from the main display window, press the **Menu** key six times.



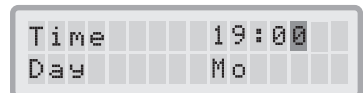
2. Press and hold the **Enter** key until the cursor starts to flash.



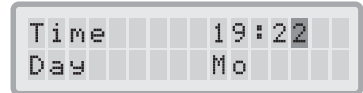
3. Select the hour by pressing the **▲** key.
Note: The time is displayed in a 24 hrs. clock (e.g., 6:00 pm is 18:00)



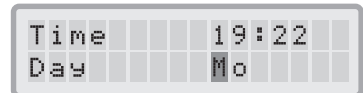
4. Press the **Enter** key to save the hour setting and to proceed to the minute setting.



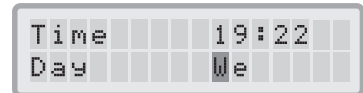
5. Select the minutes by pressing the **▲** key.



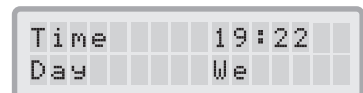
6. Press the **Enter** key to save the minute setting and to proceed to the day setting.



7. Select the day of the week by pressing the **▲** key.



8. Press the **Enter** key to save the day setting and to exit the enter mode.



9. Press the **Power** key to return to the main display.

Note: The display will automatically return to the main window if no key is pressed for 15 seconds.

3.5.7 Filter Life Reset

The Filter Life Reset function allows the filter life counter to be reset after a new filter has been installed. As a result, the appropriate filter life LED on the control panel will be reset to green and the hour count in the Filter Life Monitor display will be reset to the full life span of the new filter.

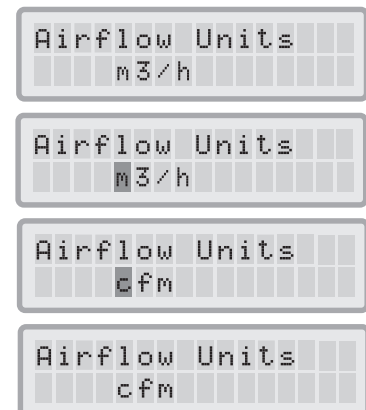
Note: Resetting the Filter Life Monitor will also cancel the “Replace Filter” warning from the main display window.

1. To reach the Filter Life Reset function from the main display window, press the **Menu** key seven times.
2. Press and hold the **Enter** key until the flashing cursor appears.
3. Press the Enter key to reset the filter life for the selected filter. “HyperHEPA” is the particle filter. “Cartridge” are the GCX cartridges and “Sleeve” are the GCX cartridge sleeves, if installed.
4. Press the **Enter** key to reset the filter life for the selected filter.
5. To safeguard against inadvertently resetting the life, the selection needs to be reconfirmed. The Filter Life LED will also flash red. Press the **Enter** button to confirm the filter change, or the **Menu** button to cancel.
6. Upon reset of the filter life, the remaining filter life of the new filter will be displayed (based upon the current fan speed and pollution level settings).



3.5.8 Airflow Units

1. To reach the Airflow Units function from the main display window, press the **Menu** key eight times.
2. Press and hold the Enter key for three seconds until the first character of the air volume units starts to flash.
3. Press the **▲** key once to change the units from cubic meters per hour (m³/h) to cubic feet per minute (cfm), and vice versa.
4. Press the **Enter** key to confirm the air volume unit change. Until modified again, the airflow rate will now be displayed in the newly selected units.

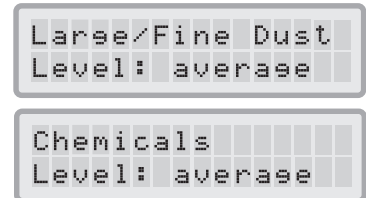


3.5.9 Pollution Level Setting

The Pollution Level Settings are used by the Filter Life Monitor for a more accurate calculation of the remaining filter life. The Pollution Level Indices are based on air pollutant groups that have particular impact on the life of the CleanZone SL system’s filters. The setting can be adjusted to reflect the pollution levels in a certain indoor environment.

The Pollution Level menu allows the user to view and modify the Pollution Level settings for:

- Large and Fine Dust
- Chemicals (CleanZone SLS models with GCX gas phase cartridges only)



Large and Fine Dust Index: This index is based on the group of large and fine dust particles. This range includes dust particles of several millimetres in length down to particles smaller than 0.003 mm (3 µm) in size that can remain airborne for long periods of time. This dust group also includes small combustion particles that are created as the result of combustion processes (e.g., automobile exhaust and diesel soot), small allergen particles such as cat allergens, tobacco smoke particles, etc.

Chemical Index: This index is based on the group of gaseous organic compounds. These are organic chemicals that are present in the air in the form of gas molecules. This group includes solvents, hydrocarbons, such as benzene, formaldehyde, perchlorethylene, styrene, toluene and xylene.

Note: the CleanZone SL (without GCX cartridges) does not have a Chemical Index due to the fact that it does not contain gas filter cartridges.

Determining the Pollution Level Setting

The setting for each of the Pollution Level Indices can range from “very low” to “very high”. The default setting is “average”. The settings “elevated”, “high” and “very high” describe extremely high pollution levels, as may be experienced in heavily polluted environments.

There are a number of factors that may make a modification of the default settings necessary in order to ensure the most accurate filter life display possible.

High PM_{2.5} and Tobacco Smoke Levels

The amount of PM_{2.5} and tobacco smoke in room air can have a significant effect on filter life. If exposure to particulate matter is regular, the Pollution Level Indices for large and fine dust should be adjusted to “elevated” or “high”, and in extreme cases, even to “very high.”

Presence of Gases and Chemicals

Gases and chemicals may be set free from solvents, paints, varnishes and from vehicle or industrial emissions, as well as pesticides. Such pollutants influence the life of the gas filter cartridges in the CleanZone with gas phase cartridges. If there is a high presence of gases and chemicals, it is recommended to increase the Chemical setting to “elevated” or “high”, and in extreme cases, even to “very high”.

Dusty Environments

Environments with high dust levels will shorten the life of the particle filter. If there is a frequent high dust content in the environment, set the Large and Fine Dust setting to “elevated” or “high”, and in extreme cases, even to “very high”.

Modifying the Pollution Level Settings

The Pollution Level menu allows the adjustment of the individual pollution settings to reflect the actual pollution levels in a particular environment more closely. This enables the Filter Life Monitor to perform a more precise calculation of the remaining filter life.

1. Press the **Menu** key nine times to reach the Pollution Level menu, which will be indicated by the Large/Fine Dust Index screen.
2. Press and hold the **Enter** key until the cursor appears.
3. Press the **▲** key to modify the Large/Fine Dust Index setting to reflect the particulate pollution levels found in the environment where the system is used (for guidance, see previous section).
4. Press the **Enter** key to save the Large/Fine Dust Index setting.
5. Press the **▲** key to proceed to the Chemical Index. (CleanZone SLS GCX only!)
6. Press and hold the **Enter** key until the cursor appears.
7. Press the **▲** key to modify the Chemical Index setting to reflect the chemical pollution levels found in the environment where the system is used (for guidance, see previous section).
8. Press the **Enter** key to save the Chemical Index setting.

```
Large/Fine Dust
Level: average
```

```
Large/Fine Dust
Level: average
```

```
Large/Fine Dust
Level: elevated
```

```
Large/Fine Dust
Level: elevated
```

```
Chemicals
Level: average
```

```
Chemicals
Level: average
```

```
Chemicals
Level: elevated
```

```
Chemicals
Level: elevated
```

Limitations of Pollution Level Indices

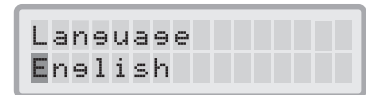
The concept of Pollution Level Indices allows for a more precise calculation of the remaining filter life than with regular filter life counters. Even so, the determination of Pollution Level Indices inherently assumes some degree of approximation, which results in some variability/uncertainty to the exact filter replacement interval. For this reason, it may become necessary to change filters before the expiry of the indicated filter life, especially if there is a noticeable decrease in filtration performance. In such a case, it may be necessary to increase the appropriate Pollution Level Index settings to reflect the higher actual pollution level that the user is experiencing.

3.5.10 Language

Note: the choice of languages may vary depending upon the country in which the unit was purchased.

The Language menu sets the system’s display language.

1. To reach the Language Menu Display from the main display window, press the **Menu** key 10 times. The current display language is shown.
2. To change the display language, press and hold the **Enter** key until the cursor starts to flash.
3. Use the **▲** key to scroll through the display language options.
4. Press the **Enter** key to save the display language and to exit the enter mode.



3.5.11 Model Change

Preset during installation. Do not adjust. CleanZone SL and CleanZone SLS will show filter type, "CZ SL H11." CleanZone SLS GCX will show filter type, "CZ SL H11 GCX."



3.5.12 Operating Hours (read only)

Because the CleanZone system is a commercial unit, it may be desirable to keep track of its operating hours to determine usage or to calculate amortisation. As such, this function is read only, and cannot be reset by the user.

- To reach the Operating Hours menu from the main display window, press the **Menu** key 12 times. The number of hours the CleanZone system has been running since it was first put into operation will be displayed.

Note: the Operating Hours will not reset during model changes.



3.5.13 Service/Installer/Factory Access

Service Access allows users to access the password feature. Installer Access and Factory Access are for authorised service personnel and factory use only, respectively.

Upon entry of the correct Service Access password, additional menu items will appear related to the password function, including the ability to change the password, and to restrict access to the control panel via password control.



Accessible by the user



Cannot be accessed by user
(For Installer and Factory use only)

1. To reach the Service Access menu from the main display window, press the **Menu** key 13 times.
2. Press and hold the **Enter** key until “0000” appears on the second line of the display, and the cursor starts to flash.
3. Use the **▲** key to enter the first digit of the password. Pressing the **▲** key advances through numbers and then the alphabet.

***Note:** The default Service Access password is “1111.” It is recommended that users change this immediately, making sure to remember the new password.*
4. Press the **Enter** key to set the first digit of the password, and to advance to the next digit.
5. Repeat for all four digits. After entering the last digit, the password will either be rejected or access will be granted.



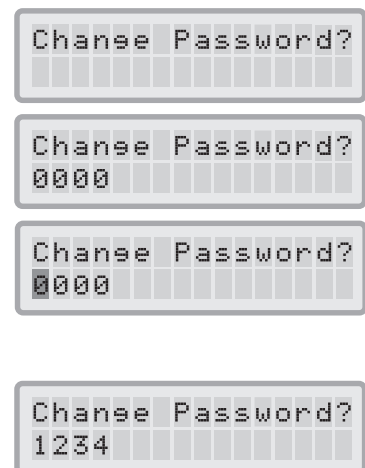
3.5.14 Change a Password

Allows the user to set a new password. The password is four digits long, and can be either numbers or letters.

To change the password, first log in via the Service Access, as described above.

1. The Change Password menu will be the first supplementary menu after logging in via Service access.
2. Press and hold the **Enter** key until the cursor begins to flash.
3. Use the **▲** key to enter the first digit of the password. Pressing the **▲** key advances through numbers and then the alphabet.
4. Press the Enter key to set the first digit of the password, and to advance to the next digit.
5. Repeat for all four digits. After entering the last digit, press the **Enter** key again to save the setting to exit the enter mode.

***Note:** this sets the password for Service Access, which is also used whenever prompted for a password.*



3.5.15 Activate Password Access

When activated, the control panel will prompt for a password before allowing changes to any of the control settings.

The password feature is reached via the Service Access, as described above.

1. Cycle back around through the menu options until the Access Password menu appears.
2. Press and hold the **Enter** key until the cursor begins to flash.
3. Press the **▲** key to either activate or deactivate the password feature.
4. Press the **Enter** key again to save the setting and to exit the enter mode. If the password feature was turned on, this will automatically log out of the Service Access, and activate the password feature. Any attempts to change a setting will then prompt the user to first enter the password.



Access Password?
OFF



Access Password?
█



Access Password?
ON

3.5.16 Logout

Manually logs out of Service Access, and closes any access restricted functions. Further access requires the reentry of the password. If there is no activity for 20 minutes, the system will automatically log out.

It is recommended to log out after completing any changes.

1. The Logout menu is the second supplementary menu after logging in via Service Access.
2. Press and hold the Enter key until the display reads, "Logged out" on the second line of the display.



Logout



Logout
Logged out

3.6 Access Control

Control of the CleanZone SL can be restricted via two mechanisms: password access (described above), and the control panel lock.

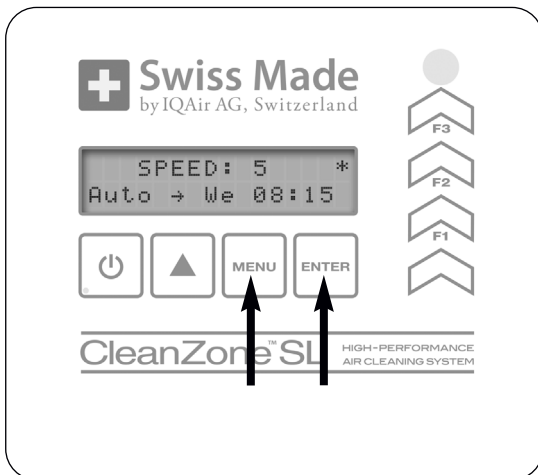
Locking the Control Panel

The control panel's keyboard can be locked to avoid tampering with the settings.

Note: the remote control will still work, since the keyboard lock only restricts access via the buttons on the control panel.

Note: the locking function will be cancelled by disrupting the power supply.

To lock or unlock the control panel keys, press and hold the **Menu** and **Enter** buttons simultaneously for five seconds. The activated keyboard lock is indicated by an asterisk in the control panel display.



Example of control panel displays when the keyboard is locked:



3.7 Remote Control

In addition to the control panel, some features of the CleanZone SL can be controlled by using the hand-held remote control.

The remote control can be used to perform the following tasks:

- Switch the system on and off
- Select the desired fan speed
- Activate and deactivate the timer function

Note: start and stop times can only be set and changed directly on the control panel.

Off Button
Speed (number pad)
Timer On/Off



3.7.1 Description of Remote Control Elements and Functions

- **OFF**

The Off button is used to turn the fan off and put the device into Standby mode.

- **Speed (number pad)**

To switch the CleanZone system on with the remote control, press any one of the speed control buttons, which are labeled from 1 to 5.

- **Timer On/Off**

If start and stop times have been set in the Daily Timer menu, it is possible to switch the timer on and off with the remote control. To switch on the timer, press the Timer button and then the Timer ON button. To switch off the timer, press the Timer button and then the Timer OFF button.

3.7.2 Replacing Batteries in the Remote Control

When the batteries become weak, the transmission results will deteriorate and the batteries should be replaced. The remote control requires two AAA-size batteries. The battery compartment is located on the back side of the remote control.

To open the battery compartment, press and slide the battery compartment cover. Replace the used batteries with fresh ones.

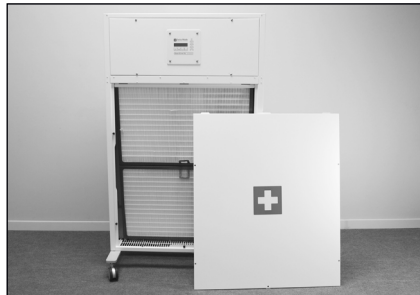


AAA batteries (set of 2)

Chapter 4 – Replacing the Filters

4.1 Replacing the Particle Filter

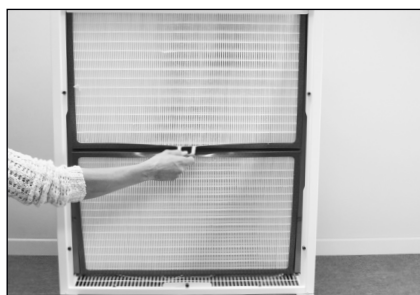
The particle filter is located in the CleanZone SL-series, behind the large front panel.



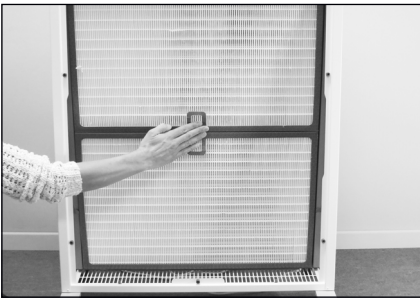
1. Remove the CleanZone system's front panel by unscrewing the five Torx T25 screws, as indicated by the circles below.



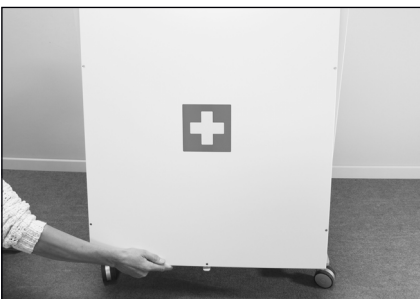
2. Release the red filter locking tabs by moving them to the side. Pull gently on the center tab located between the two filter halves. The filter folds in half for easy removal and insertion.



3. When inserting new filters, reverse the process, making sure the filter "bends" outwards as shown.



4. Carefully align the lower edge of the filter, and push gently near the center of the filter to insert the filter. Slide the red filter locking tabs to secure the filter in place.



5. Refit the front panel, and secure with the five Torx T25 screws. Then reset the Filter Life Monitor for the HyperHEPA filter.

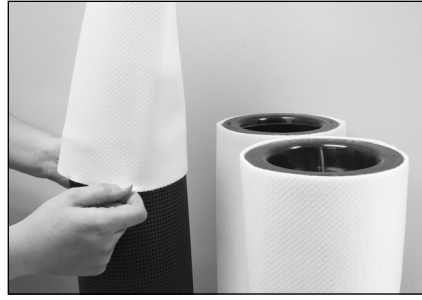
4.2 Replacing the Optional GCX Cartridges (model CleanZone SLS GCX only)

The GCX gas cartridges are located in the CleanZone SLS GCX silencer module.

Caution: The carbon media in the gas filter cartridges may soil clothing and carpeting. Please exercise care when handling cartridges. Disposable gloves are recommended.



1. Remove the CleanZone SLS GCX silencer's front panel by unscrewing the four Torx T25 screws, as indicated by the circles below. **Note:** This panel is held in place along the top edge by a tab.
2. Remove the used GCX cartridges by rotating them counter-clockwise. This will release the cartridge from the mounting plate, and allow it to be removed.



- 3.** Unwrap the new GCX cartridges and place the post-filter sleeves on each cartridge prior to installing them in the CleanZone SLS GCX.



- 4.** Insert the cartridge's bayonet mount into the cartridge mounting plate and rotate clockwise until it locks in place. Repeat for all four (4) cartridges. Because the cartridges are longer than the access panel opening, it will be necessary to insert the top of the cartridge up into the opening first, and then lowering the cartridge onto the mounting plate.



- 5.** Replace the front panel to the silencer, and secure with the four Torx T25 screws.

4.3.1 Resetting the Filter Life

The Filter Life Reset function allows the filter life counter to be reset after a new filter has been installed. As a result, the appropriate filter life LED on the control panel will be reset to green and the hour count in the Filter Life Monitor display will be reset to the full life span of the new filter.

Note: Resetting the Filter Life Monitor will also cancel the “Replace Filter” warning from the main display window.

1. To reach the Filter Life Reset function from the main display window, press the **Menu** key seven times.
2. Press and hold the **Enter** key until the flashing cursor appears.
3. Press the Enter key to reset the filter life for the selected filter. “HyperHEPA” is the particle filter. “Cartridge” are the GCX cartridges and “Sleeve” are the GCX cartridge sleeves, if installed.
4. Press the **Enter** key to reset the filter life for the selected filter.
5. To safeguard against inadvertently resetting the life, the selection needs to be reconfirmed. The Filter Life LED will also flash red. Press the **Enter** button to confirm the filter change, or the **Menu** button to cancel.
6. Upon reset of the filter life, the remaining filter life of the new filter will be displayed (based upon the current fan speed and pollution level settings).



Chapter 5 – Maintenance

5.1 Cleaning the Housing

- Unplug the CleanZone system before attempting to clean it.
- Use a soft and clean cloth for cleaning.
- For water soluble stains, use a window cleaning fluid.
- For the removal of tough, non water soluble stains, use a silicon spray.
- Do **not** use any solvents or any organic cleaning fluids.

5.2 Maintenance-Free Fan

The CleanZone system is equipped with a maintenance-free fan motor.

Technical Support

Should technical problems arise during or after the warranty period, please contact your local IQAir dealer.

To expedite your service request, please provide the following information:

- Please provide your contact details (name, address, phone, e-mail)
- Please provide a full description of the problem.

Ordering Replacement Filters

For all your filter replacement needs, please contact your local IQAir dealer.

Warranty Information

This air cleaning system is covered by a **two (2) year limited warranty**. If within **two years** from the original purchase by the end-user from the authorised dealer this air cleaning system or any part thereof (with the exception of filters) is proved to be defective by reason only of faulty workmanship or materials, the faulty item, or parts thereof, will be repaired or replaced free of charge for labour and materials. The warranty for replaced parts and service work will expire automatically with the termination of the original system's warranty.

This warranty shall not apply to damage caused by misuse, wear and tear, neglect, unauthorised repair, damage caused by installation, adaptation, modification or use in an improper manner or inconsistent with operating and maintenance instructions, or to wear or deterioration resulting from environmental conditions or to damage sustained during transport. No liability will be accepted under this warranty for any fault or damage arising from defective workmanship, if the unit has been serviced, repaired or modified by any person other than the manufacturer's authorised service personnel or if the system's serial sticker has been removed or tampered with.

No shipping, handling or insurance costs for warranty repairs will be refunded. Obvious defects must be communicated to the authorised dealer within 10 days of the purchase date.

To secure your warranty rights and prevent transport damage, all products must be returned in original packaging. Please keep the original packaging.

Important Note: In the event of a defect occurring, please contact your point of purchase immediately and describe the defect. Before any product is returned for service or repair, please seek the express prior permission from your point of purchase. Your dealer reserves the right to refuse any return shipment which is received without prior permission. Such shipments may be returned at the original sender's cost.

The permission to return products does not constitute an acceptance of liability. Upon receipt, the returned product will be inspected carefully. Should the fault be covered by the terms of this warranty, the product will be repaired free of charge. Should the fault not be covered by the warranty, a repair and transport quote will be issued which needs to be accepted in writing before repair work will be carried out.

Contact Information

For further information on installation and technical issues, please contact the IQAir technical support center for your region:

North America (USA, Canada, and Mexico):

IQAir® North America, Inc.
Technical Support – Commercial Products
14351 Firestone Blvd
La Mirada, CA 90638
USA

Tel: 1-888-560-1020
Fax: 1-562-903-7601
www.iqair.com/support

International (except North America):

IQAir Group – INCEN AG
Technical Support – Commercial Products
Blumenfeldstrasse 15
CH-9403 Goldach
Switzerland

Email: info@incen.com
www.iqair.com/international

