



Filter Cleaning and Maintenance

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1 Introduction

IntesisHome offers two functions to help in the maintenance and filter cleaning of the AC unit. These two functionalities are available in the IntesisHome control interface of each device. (See Figure 1)

The first one, maintenance, offers the possibility to warn the user when the defined maintenance period is reached.

The second one, filter cleaning, offers the possibility to warn the user when the defined filter cleaning period is reached.

Notice that the time measured by our solution is related to the amount of time the AC unit is set in “On” mode.

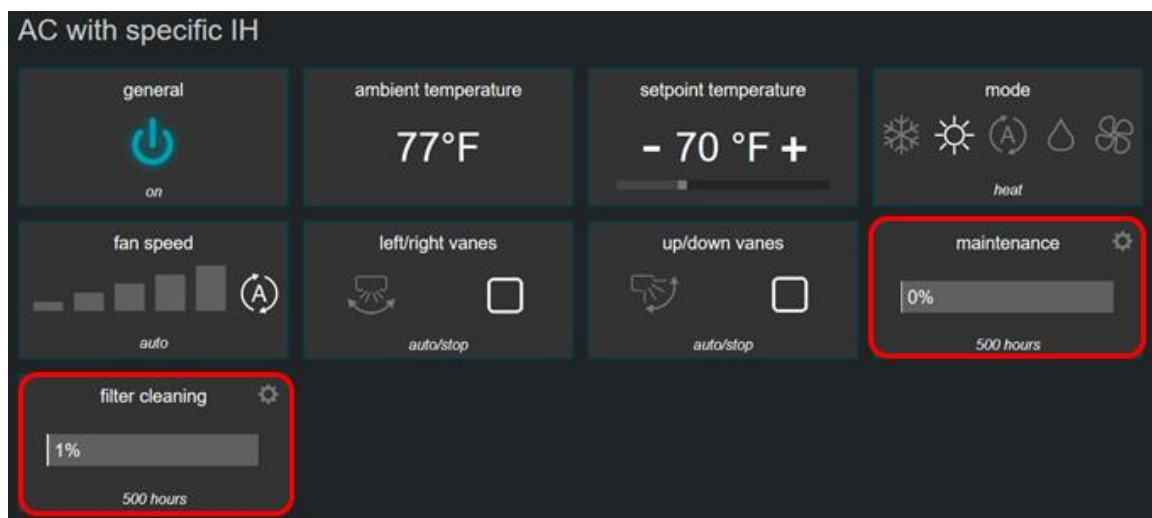


Figure 1 IntesisHome control Interface

Once the time is reached, for the filter cleaning or the maintenance period, a warning message appears indicating that the period has expired. (See Figure 2)

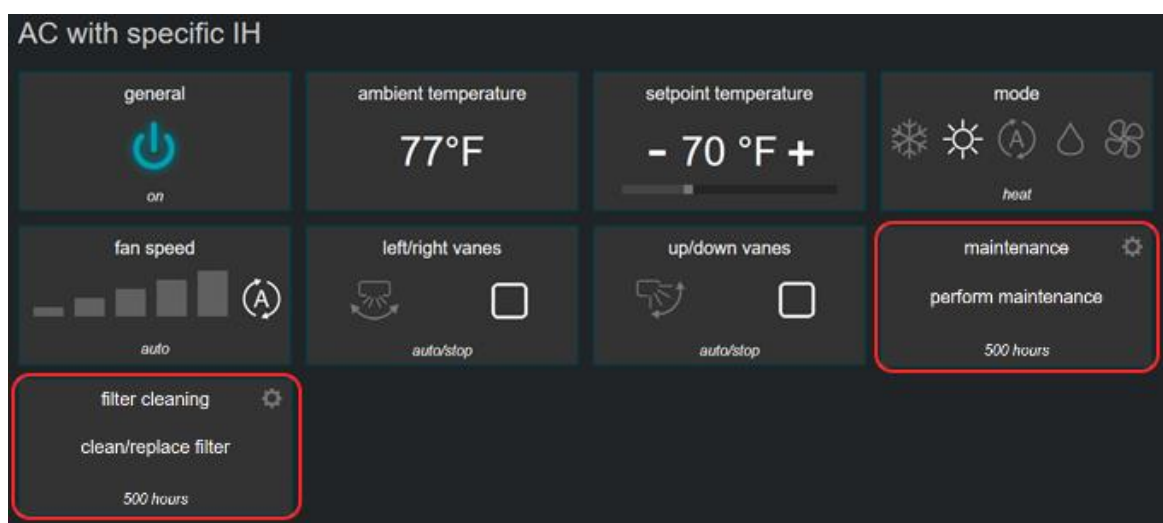


Figure 2 Maintenance and Filter Cleaning time elapsed

This warning message will not disappear unless the user resets the counter or disables the function manually. For more information about how to perform these actions please refer to 2. Filter Cleaning and 3. Maintenance.

Every action taken on any of these two functionalities will be recorded and showed in the Maintenance module database (see Figure 3). For further information regarding this module, please refer to Maintenance Log documentation.

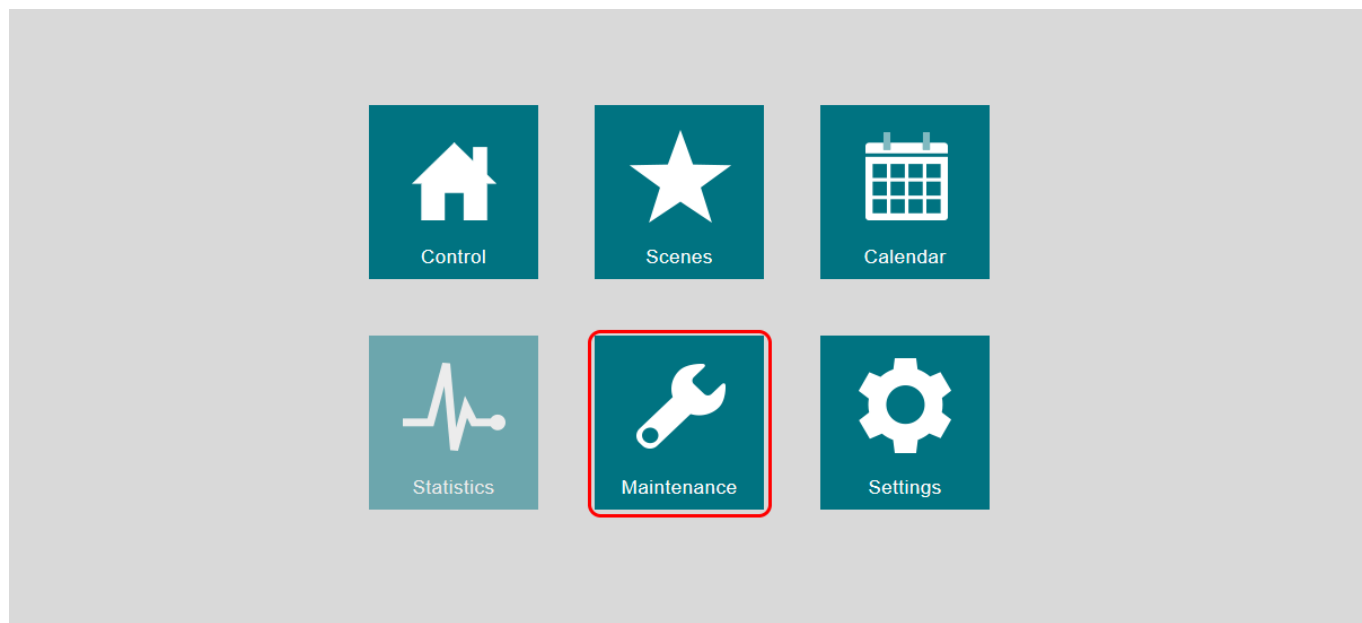


Figure 3 IntesisHome main page and Maintenance Log selection

Moreover, e-mail and push notifications regarding these features can be activated in the “Notifications” section. (See Figure 4)

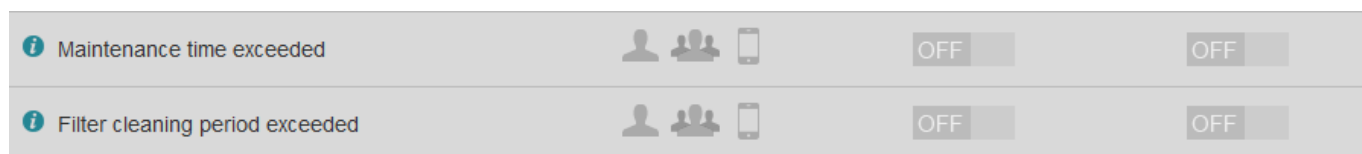



Figure 4 IntesisHome Maintenance and Filter Cleaning notifications setup menu

2 Filter Cleaning

This functionality is used to control when the filter of the AC system needs to be cleaned.

The corresponding widget “filter cleaning” offers information of the current status and also provides the access to the functionality configuration by clicking the  button. (See Figure 1)

In order to access the configuration, please click on the gear icon on the top-right of the widget, and the following menu will pop-up. (See Figure 5)

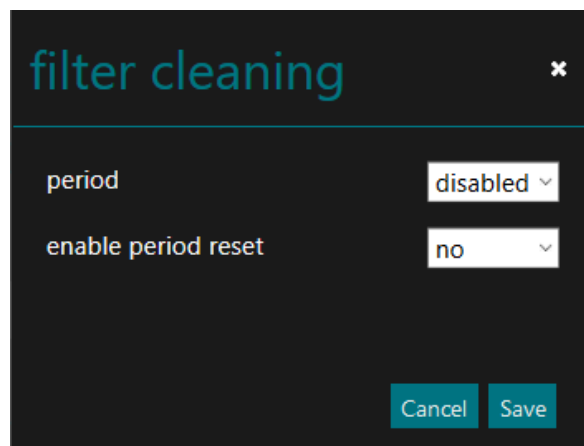


Figure 5 Filter Cleaning configuration menu

Period

This parameter determines the period for the next filter cleaning action to be carried out.

Possible values are:

- **Disabled:** This filter cleaning counter is not active.
- **100h .. 2500h:** Defines the filter cleaning period. Once this period is reached, a warning message will appear indicating that the filter needs to be cleaned. Notification will remain until the user manually disables the warning message clicking on the “enable period reset” or disabling the function (setting the “Disabled” value).

Enabled period reset


This parameter resets the current timer for the filter cleaning when set to “yes”. By default, the parameter is set to “no”.



IMPORTANT: If you set the “yes” value, the counter will be reset to its initial value.

3 Maintenance

This functionality is used to control when the Maintenance of the AC system needs to be performed.

The corresponding widget “Maintenance” offers information of the current status and also configuration by clicking the  button. (See Figure 1)

In order to access the configuration, please click on the gear icon on the top-right of the widget, and the following menu will pop-up. (See Figure 6)

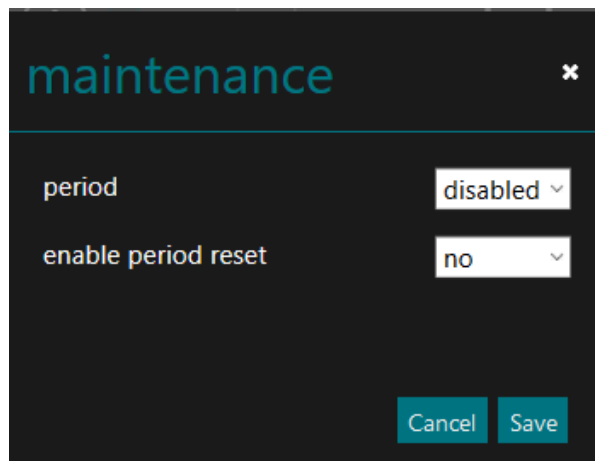
A dark-themed configuration window titled "maintenance" with a close button (x) in the top right corner. It contains two settings: "period" with a dropdown menu showing "disabled", and "enable period reset" with a dropdown menu showing "no". At the bottom right, there are two buttons: "Cancel" and "Save".

Figure 6 Filter Cleaning configuration menu

Period

This parameter determines the period for the next maintenance to be carried out.

Possible values are:

- **Disabled:** The maintenance counter is not active.
- **100h .. 2500h:** Defines the maintenance period. Once this period is reached, a warning message will appear indicating that the maintenance needs to be performed. Notification will remain until the user manually disables the warning message clicking on the “enable period reset” or disabling the function (setting the “Disabled” value).

Enabled period reset

This parameter resets the current timer for the maintenance when set to “yes”. By default, the parameter is set to “no”.



IMPORTANT: If you set the “yes” value, the counter will be reset to its initial value.