

ComfortPro Air Cleaner Programming Options

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Program Setting 1: Service Indicator

The Service Indicator is used to predict when the filter will need cleaning (electronic air cleaners) or replacement (media air cleaners).

The Service Indicator automatically calculates the service interval based on the pollution level selected and the fan speed. If the filter becomes clogged the led • and ••• will flash each time the air cleaner is turned on.

Pollution level guidelines for establishing setting:

- LOW DUTY: general pollution without tobacco smoke
- MEDIUM DUTY: moderate tobacco smoke concentrations
- HEAVY DUTY: high tobacco smoke concentrations
- EXTREME DUTY: extremely high tobacco smoke concentrations

To select the pollution level:

- Press PROGRAM; you are in the program mode 1 and STANDBY led will flash once every two seconds.
- Default: OFF (all leds off).
- Press ▲: led • (LOW) will light up, meaning you've set the pollution level to LOW DUTY.
- Press ▲: led •• (MEDIUM) will light up, meaning you have set the pollution level to MEDIUM DUTY.
- Press ▲: led ••• (HIGH) will light up, meaning you have set the pollution level to HEAVY DUTY.
- Press ▲: led •••• (TURBO) will light up, meaning you have set the pollution level to EXTREME DUTY.
- If you want to go back to one of the previous pollution levels, press ▼.
- Press PROGRAM to confirm setting 1 and to go to setting 2.

Program Setting 2: Resetting the Service Indicator

The indicator needs to be reset when the media filter is changed out. If led • and led •••• are flashing, it is time to change the filter(s) and to reset the indicator.

To Reset:

- Press PROGRAM: you are in the program mode 2 and the STANDBY led will flash twice every two seconds.
- Default: OFF (all leds are off).
- If the indicator is programmed (setting 1), you will see all the leds switched on in setting 2, provided the Service Indicator is in use for a while.
- Reset Service Indicator: press OFF (all leds are off).
- Press PROGRAM: all user settings are saved and the air cleaner is back in normal control.

Program Setting 3: Maximum fan speed for Air Quality Analyzer (AUTO mode)

It is not possible to go directly to setting 3.

If the panel button (>>) and then the PROGRAM key are pressed simultaneously before confirming setting 2, you're in setting 3 and STANDBY led will flash three times every two seconds.

Adjusting the maximum fan speed for the optional Air Quality Analyzer is very convenient for meeting rooms and open plan offices.

- Default: •••• (TURBO).
- Press ▼ and so on to go to the desired maximum fan speed.
- Press PROGRAM: confirm setting 3 and go to setting 4.

Program Setting 4: Manual lock

In setting 4 STANDBY led will flash four times every two seconds. Blocking the panel button (>>), to ensure that non-authorized people cannot control the air cleaner.

- Default: unlock; no leds are burning.
- Press ▼ or ▲: lock; led • (LOW) is burning.
- Press ▼ or ▲: unlock; led • (LOW) is off.
- Press PROGRAM: confirm setting 4 and go to setting 5.

Program Setting 5: Voltage output for maximum efficiency (Electronic Air Cleaners only)

In setting 5 STANDBY led will flash five times every two seconds. This setting can be used to lower the efficiency (up to 10% at low HV). This will increase the time between cleaning intervals.

- Default: high HV level (7600 V); leds •, •• and ••• are burning.
- Press ▼: medium HV level (7300 V); leds £ and ££ are burning.
- Press ▼: low HV level (7100 V); led • is burning.
- Press ▲: to increase efficiency again up to maximum HV level (7900 V); leds •, ••, ••• and •••• are burning.
- Press PROGRAM: confirm setting 5 and go to setting 6.

Program Setting 6:

Maximum fan speed IR control/panel button

In setting 6 STANDBY led will flash six times every two seconds.

Adjusting the maximum fan speed for IR-control/panel button is very convenient for air cleaners installed in meeting rooms and open plan offices.

- Default: •••• (TURBO).
- Press ▼ and so on to go to the desired maximum fan speed.
- Press PROGRAM: confirm setting 6 and go to setting 7.

Program Setting 7:

Sensitivity adjustment Air Quality Analyzer

In setting 7 STANDBY led will flash seven times every two seconds.

Setting the sensitivity of the Air Quality Analyzer. The more sensitive, the quicker the reaction to changes in pollution level.

- Default: OFF (all leds are off), meaning the lowest sensitivity
- Press ▲: led • (LOW) will light up, meaning you've set the pollution sensitivity to low.
- Press ▲: led •• (MEDIUM) will light up, meaning you have set the pollution sensitivity to medium.
- Press ▲: led ••• (HIGH) will light up, meaning you have set the pollution sensitivity to heavy.
- Press ▲: led •••• (TURBO) will light up, meaning you have set the pollution sensitivity to extreme.
- If you want to go back to one of the previous pollution sensitivity, press ▼.
- Press PROGRAM to confirm setting 7 and go to setting 8.

Program Setting 8: Time without high voltage after Service (Electronic Air Cleaners only)

In setting 8 STANDBY led will flash eight times every two seconds.

Setting a specific time for no high voltage after servicing is useful when the filter cells are damp or condensed in winter time. This setting will go back to default value if power is interrupted to the air cleaner.

- Default: OFF (all leds are off), when the air cleaner is switched on, there's always high voltage on the cell(s).
- Press ▲: led • (LOW) will light up, meaning you've set the time of no high voltage to 30 minutes.
- Press ▲: led •• (MEDIUM) will light up, meaning you've set the time of no high voltage to 60 minutes.
- Press ▲: led ••• (HIGH) will light up, meaning you've set the time of no high voltage to 120 minutes.
- Press ▲: led •••• (TURBO) will light up, meaning you've set the time of no high voltage to 240 minutes.
- If you want to go back to one of the previous time setting levels, press ▼.
- Press PROGRAM to confirm setting 8. The air cleaner will return to the normal running mode.

Reset to factory default

To reset the factory default settings:

Open the inlet grid, press the panel button (>>). While pressing the panel button (>>) close the inlet grid. Release the panel button (>>) when you hear two beeps.

Everything is now back into the default setting, except the Service Indicator (hours in use).

9 FILTER REPLACEMENT/CLEANING

In order to open the inlet grid (i.e. access the filter components), a narrow round screwdriver type tool will be needed (such as a torx type). The inlet grid is secured by two mechanical clips. To release these clips there are two access holes parallel to the control board faceplate on the inlet grid (approx. 3½" from the sides).

Insert the tool into the access holes and gently push further through some light resistance. This will allow the clips to be "unlocked" and thus the inlet grid will open easily.

DO NOT PULL THE DOOR OPEN WITHOUT RELEASING THE CLIPS.

9.1 Prefilter replacement

The disposable prefilter can only be used once and cannot be cleaned. Do not turn the prefilter around since it can only be used in one flow direction.

9.2 Electronic filter cleaning

A crackling or snapping sound will be heard occasionally during use of the air cleaner. This is normal and is caused by high voltage arcing in the filter. Cleaning the electronic filter is necessary when the crackling is heard frequently.

For maximum efficiency your air cleaner cell(s) should be cleaned regularly.