CleanAIR®

USER GUIDE

CleanAIR Link
Mobile App
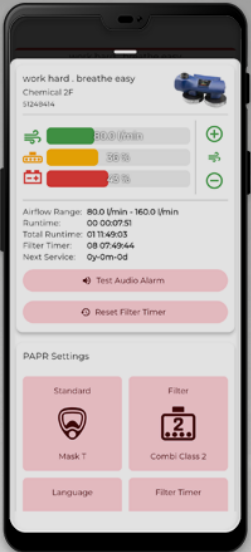
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INTRODUCTION

The CleanAIR Link application is designed to wirelessly connect your CleanAIR PAPR (Powered Air-Purifying Respirator) to your smartphone or tablet via Bluetooth. It makes it easy to configure your PAPR unit and monitor its status in real time – no need to use the buttons or see the display on the unit.

The app provides two key benefits:

1) WIRELESS CONFIGURATION

Adjusting settings, such as filter type, is significantly easier and faster via the app compared to manual setup on the unit. This helps streamline preparation and saves time.

2) REAL-TIME MONITORING

Instant access to live data, including airflow rate, filter condition, and battery charge level. You stay fully informed about the condition of your device, which increases workplace safety.

With its clear and user-friendly interface, the app is ideal for daily use even in demanding work environments.

MINIMUM REQUIREMENTS

To use the app, you need

- smartphone or tablet running Android or iOS

- CleanAIR PAPR unit equipped with a communication module

INSTALLING THE APP

You can download the CleanAIR Link app for free from the official app stores.
Scan QR code or simply search for „CleanAIR Link" and tap Install.

Google Play Store (for Android devices)

Apple App Store (for iOS devices)

APP PERMISSIONS

The app may request access to the following features:

Bluetooth

– to connect with your CleanAIR PAPR unit

Location services

– required by the operating system for Bluetooth connection (especially on Android)

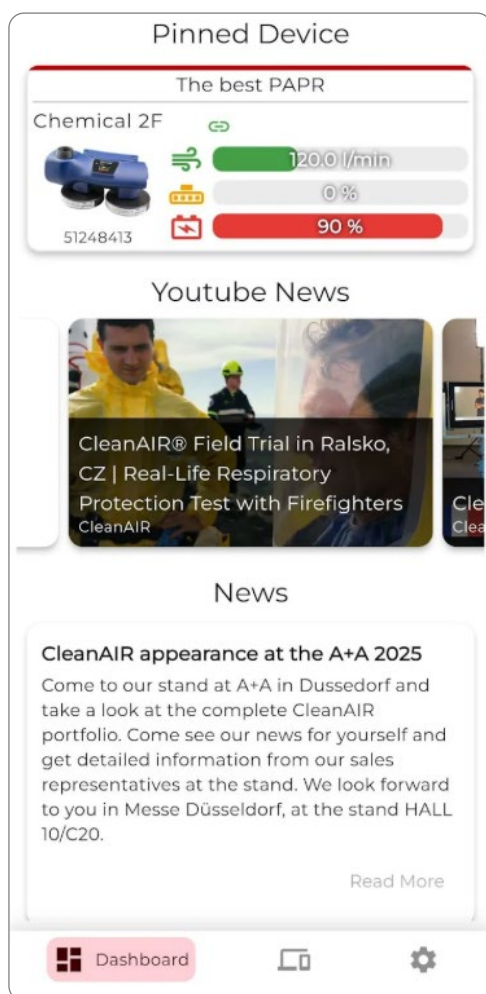Make sure to grant all required permissions when prompted.

NAVIGATING THE APP (INTERFACE OVERVIEW)

The app is divided into 3 tabs with following functions:

DASHBOARD (LEFT TAB)

The Dashboard tab is the default home screen of the app and the first thing you see after launching CleanAIR Link. It shows Pinned (favorite) device, company YouTube feed and News feed.

PINNED DEVICE

Quick overview with essential data of a selected device.

This feature is only visible when there's at least one paired device and it must be manually selected by Add to Dashboard in the device menu.

YOUTUBE NEWS

Carousell view with the latest videos published by CleanAIR on YouTube. Swipe horizontally to browse through the videos. Tapping on a video opens it in your device's default YouTube player.

NEWS

The latest news and updates from CleanAIR. Tap Read More, where available, to redirect to a linked web page.
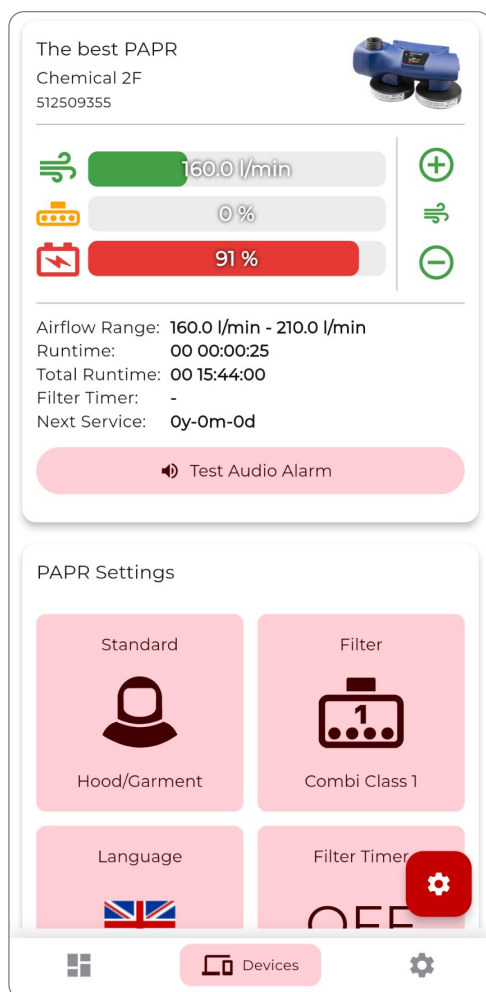
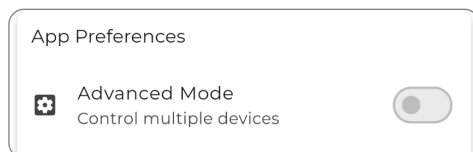# NAVIGATING THE APP (INTERFACE OVERVIEW)

DEVICES (MIDDLE TAB)

The Devices tab shows one or multiple connected devices and their details. Functions of this tab are influenced by the state of Advanced Mode toggle in Settings tab. By default, the app allows control of a single unit only, whose data and settings appear on the Devices tab.

To control more than one device, enable Advanced Mode in the Settings menu.

When Advanced Mode is enabled, multiple devices can be displayed, and each one appears as a device card.
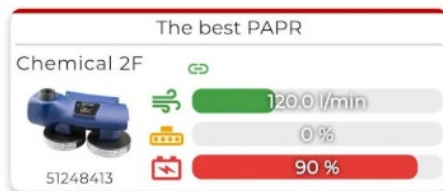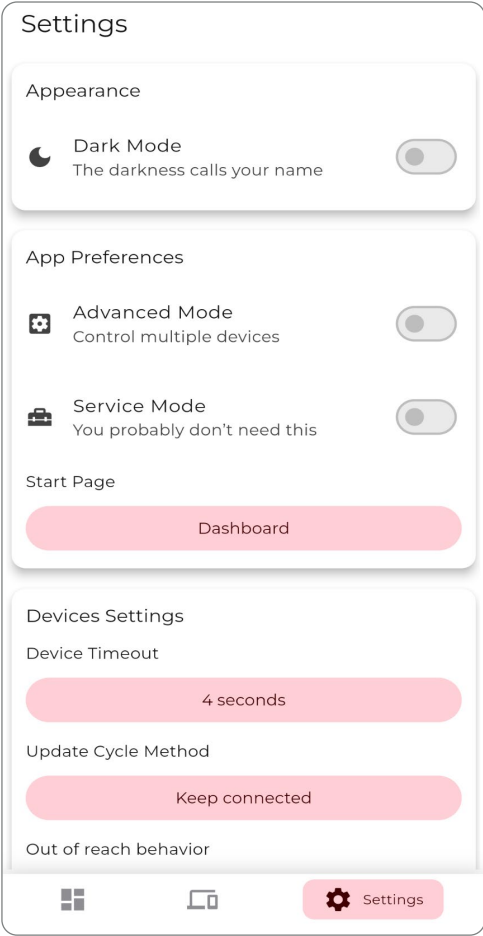
Tapping the card opens a window, where complete monitoring and configuration take place.

NAVIGATING THE APP (INTERFACE OVERVIEW)

SETTINGS (RIGHT TAB)

The Settings tab allows users to customize the behavior and appearance of the application, as well as access advanced options related to device connectivity and diagnostics.

DARK MODE

Enables a dark theme for the app interface. This setting changes only the appearance and has no effect on device functionality.

ADVANCED MODE

When enabled, allows you to control multiple PAPR devices at once. All paired devices appear as cards on the Devices tab.

When disabled, only one device can be active at a time. Upon disabling this mode, the app prompts you to select which of the previously paired devices should remain active.
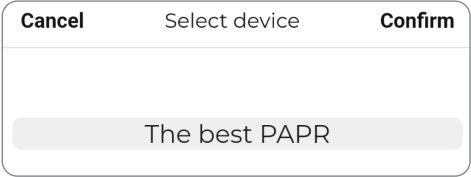
SERVICE MODE

Intended for technical service purposes only. This mode is password-protected and not available to standard users.

START PAGE

Allows you to select which tab (Dashboard or Devices) is shown first when launching the app.

DEVICE TIMEOUT

Sets how long the app waits for a response from a device.

UPDATE CYCLE METHOD

- Keep connected – Maintains continuous communication with the device.
- Disconnect after data acquisition – Saves battery by disconnecting after retrieving data.

OUT OF REACH BEHAVIOR

Defines what the app should do if the device goes out of Bluetooth range:

- Do not retry automatically
- Retry after 2 / 5 / 10 minutes

If a unit goes out of reach, its Device Card appears grayed out and displays a connection status message.

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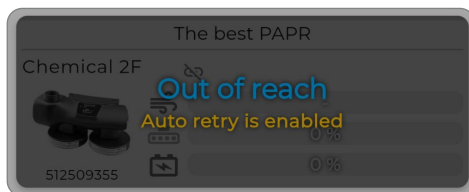
SHOW DIAGNOSTICS

When enabled, additional technical information is shown in the Device tab.

PAIRING A NEW DEVICE

To control and monitor your CleanAIR PAPR unit via the app, you first need to pair it. The pairing process is simple and intuitive, consisting of four guided steps:
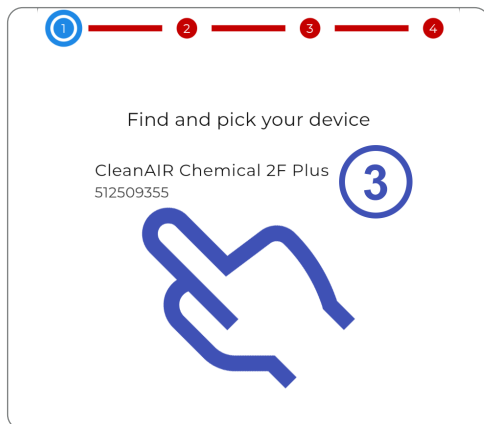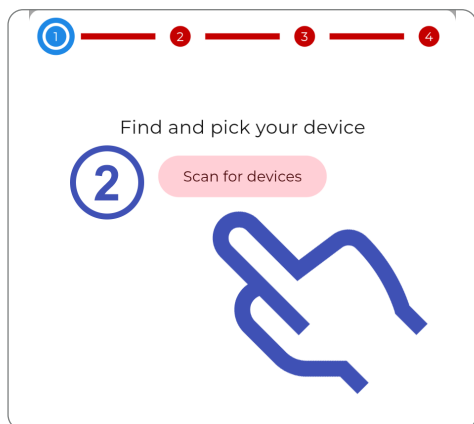
If no PAPR unit is paired, the tab Devices shows option to Add new device.

1) FIND AND PICK YOUR DEVICE

Tap the „+" button and then tap **Scan for devices**.
Make sure the unit is powered on and within Bluetooth range.

Once the app detects available devices, select the correct one from the list.

PAIRING A NEW DEVICE

2) NAME YOUR DEVICE

Assign a name to your PAPR unit to easily identify it later (e.g. „Mark's PAPR").

3) DEVICE AUTHORIZATION

Tap Begin Authorization. A 6-digit PIN will appear on the unit's display. Enter this code into the app to confirm pairing.

4) FINISH PAIRING

Tap Finish to complete the pairing process.

DETAILED FEATURE DESCRIPTION

DEVICE CARD

Each Device Card shows:

• the device name and serial number

• real-time data

> • airflow rate

> • filter condition (percentage of clogging)

> • battery charge level

• status icons (only when active)

> link green link icon – active communication with the device

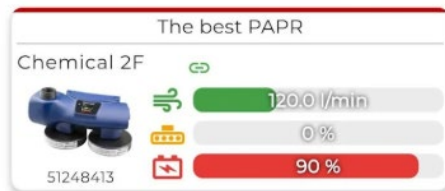> bluetooth icon – connection in progress

> red crossed link icon – no communication with the device

> warning icon

> filter timer icon

Tapping a Device Card opens the full Devices tab, where users have access to all device data and configuration options.

In case of an active warning, the Device Card of the affected unit starts flashing red to draw immediate attention. A yellow warning icon (exclamation mark) appears in the icon row. Works on both Dashboard and within the Devices tab.
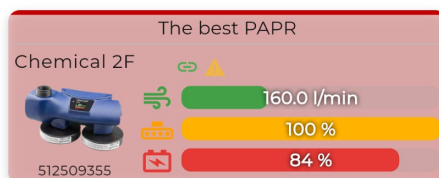
DETAILED FEATURE DESCRIPTION

DEVICE MENU

The Device Menu provides quick access to various management actions for paired devices. Its content and access method depend on whether Advanced Mode is enabled.

When Advanced Mode is disabled, the Device Menu can be accessed in two ways:

• By tapping the red gear icon ⚙ in the bottom-right corner of the Devices tab.

• By long-pressing the Device Card on the Dashboard.

> ↻ Retry Connection
>
> ✏ Rename device
>
> 🗑 Delete device
>
> ☰ Pick different device
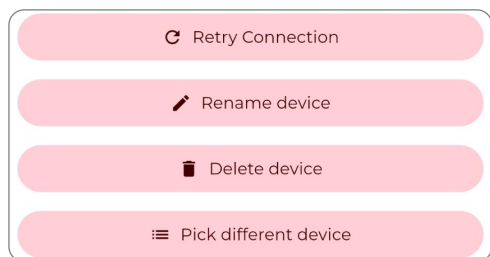
RETRY CONNECTION

Reattempts connection with the device (only shown if the connection is lost).

RENAME DEVICE

Change the displayed name of the device (in-app only).

DELETE DEVICE

Unpair and remove the unit from the app.

PICK DIFFERENT DEVICE

Choose another paired device for monitoring and control.

When Advanced Mode is enabled, the Device Menu can be accessed by long-pressing the Device Card on either the Dashboard or Devices tab.

> ↻ Retry Connection
>
> ✏ Rename device
>
> 🗑 Delete device
>
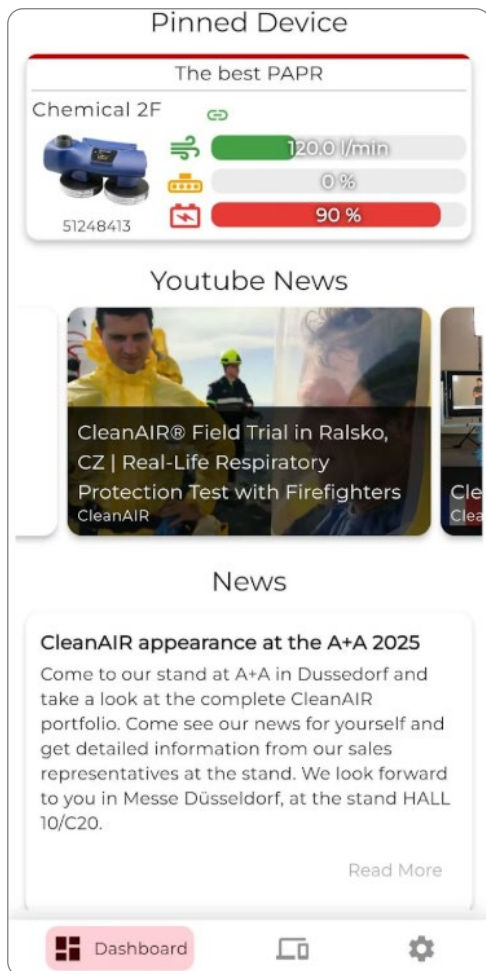> ♡ Add to Dashboard
>
> ✗ Disable Device
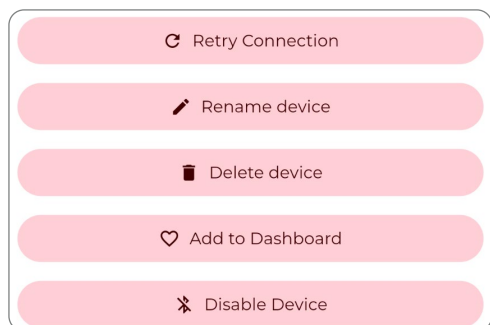
ADD TO DASHBOARD

Pin this device to your Dashboard.

DISABLE DEVICE

Temporarily deactivates the device in the app. The card appears greyed out and no communication will take place until re-enabled.

DETAILED FEATURE DESCRIPTION

PINNED DEVICE

Once at least one device is paired successfully, it can be added to the dashboard.

• When Advanced Mode is disabled, only one device can be managed at a time. Therefore, the first paired device is automatically pinned to the Dashboard as a Device Card. In case there are multiple devices paired already, you can switch the pinned device by opening the Device Menu and selecting Pick Different Device.

• When Advanced Mode is enabled, newly paired devices are not pinned automatically, but users can manually pin any device by opening the Device Menu and selecting Add to Dashboard.

LANDSCAPE LAYOUT

The app natively supports both portrait and landscape layout. When the app is used in landscape orientation, it automatically switches to a two-column layout (depending on the display size and resolution), displaying more information side-by-side. This layout enhances usability, especially on larger screens such as tablets, by reducing the need for scrolling.

MONITORING AND CONTROL

DEVICE DATA OVERVIEW
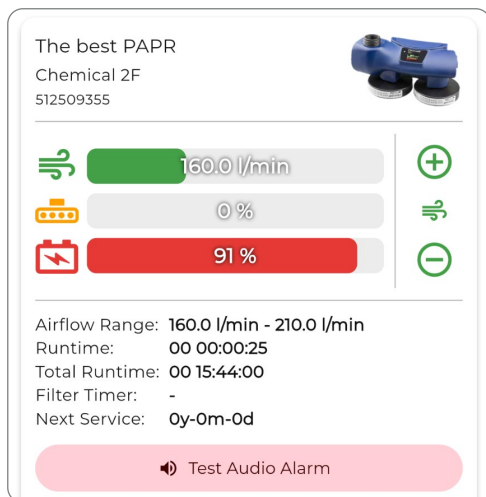
Device Identification:

DEVICE NAME

The custom name given during pairing (only visible within the app).

MODEL

The unit type (e.g., Chemical 2F).

SERIAL NUMBER

The unique identifier of the unit.

TEST AUDIO ALARM allows you to remotely trigger the audible alarm on the unit. This helps identify a specific unit among others by making it emit a sound.

Essential operating data:

AIRFLOW RATE

Displays the current airflow in litres per minute (l/min).

FILTER STATUS

Indicates the current level of filter clogging in %. The higher the percentage, the more the filter is obstructed and the closer it is to needing replacement.

BATTERY CHARGE

Displays the battery charge level in %. The lower the percentage, the shorter the remaining runtime.

Other indicators:

• Airflow Range – The configured minimum and maximum airflow.

• Runtime – Current runtime since last power-on.

• Total Runtime – Cumulative operating time of the unit.

• Filter Timer – If enabled, shows the remaining time of the preset filter lifespan.

• Next Service – Displays the remaining time until the next scheduled service.
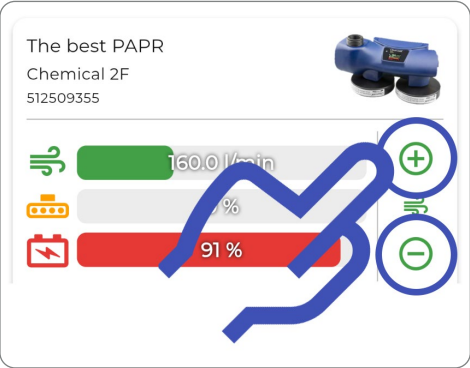
MONITORING AND CONTROL

Warnings:

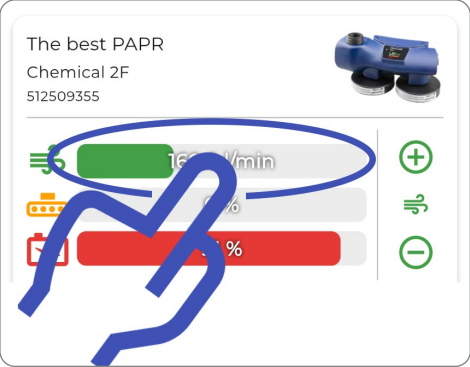Only visible, when there's an active alarm or warning on the PAPR.

When active, it shows a list of descriptive warning titles. This marks the specific reason and helps users understand the exact nature of the issue and take appropriate action.
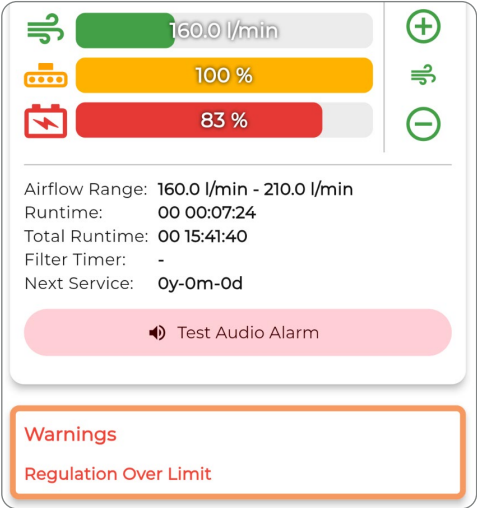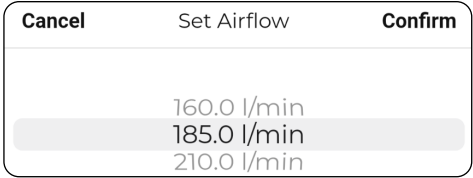

AIRFLOW CONTROL

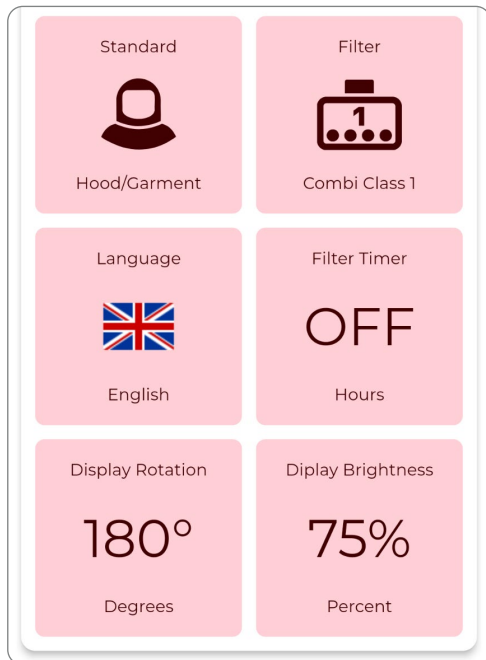You can adjust the airflow using the plus (+) and minus (–) icons next to the airflow status bar.

Alternatively, tap the airflow bar itself to open a pop-up menu and select a specific value directly.

MONITORING AND CONTROL

PAPR SETTINGS

Standard Hood/Garment	**Filter** Combi Class 1
Language 🇬🇧 English	**Filter Timer** OFF Hours
Display Rotation 180° Degrees	**Diplay Brightness** 75% Percent

Tapping any of these options opens a pop-up window with predefined values. You can then choose the desired setting.

• Standard – Select the type of headtop used.

Cancel	Standard	**Confirm**
	Hood/Garment	
	Fullface Mask	
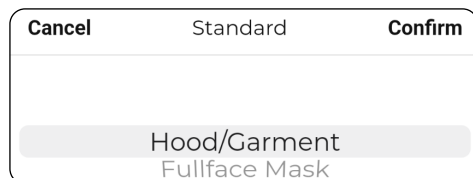
• Filter – Choose the installed filter type.

Cancel	Filter	**Confirm**
	Particle	
	Combi Class 1	
	Combi Class 2	

• Language – Change the language of the unit (**not the language of the app**).

• Filter Timer – Enable or disable the filter timer feature.

Note: A button marked Reset Filter Timer allows you to set the timer back to the selected countdown period. Only visible, when the filter timer feature is active.

• Display Rotation – Adjust the orientation of the unit's display.

• Display Brightness – Set the brightness of the display.

Note: The brightness setting resets after the unit is powered off.

ALL CONFIRMED CHANGES ARE INSTANTLY TRANSFERRED TO THE PAPR UNIT.

• Downloads – Direct links to important product documentation.

↻ FACTORY RESET

• Factory Reset – A button that restores the unit to its default factory settings.

NEED HELP WITH THE APP?

For questions, suggestions or feedback, email us at:
support@malina-safety.cz

To report a technical issue, click here or scan the QR code:

Thank you for using the CleanAIR Link app.
We appreciate your trust in our technology.

Malina Safety®

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