## 1 OVERVIEW



### 1. Function Button ⏻
Turn ON / Hold to turn OFF | Tap to cycle modes

### 2. Selection Button ☰
Turn ON | Tap for function options

### 3. Top LED Indicator
Mode & Power Level displays

### 4. Front Out Air-vent
Clean air exits here

### 5. Back In Air-vent
Contaminated air enters here

### 6. Back Power Port
Barrel type socket

## 2 KEY FEATURES

*ACTIVE sanitization*
Plascide Micro-lightning process
Anti-germ & VOCs technology

*NO EXOTIC FILTERS*
No expensive, special or exotic filters required
A simple fine dust filter for ease of mind

*RAPID EFFECTIVENESS*
Where every breath counts,
Sanitise within seconds

*WIFI CONTROL*
Control and monitor your ROOM
wherever you are

## 3 PACKAGE CONTENT
1. airKAVE ROOM
2. Fine Dust PM 2.5 filter (Type: E12 or H13)
3. Air-vent Large Dust filter (Washable)
4. Power supply adapter
5. Manual & Warranty Card
6. Magnetic Feet (x4)

## 4 QUICK START
Preparation before use:
1. Plug power supply adapter into wall socket
2. Plug barrel type connector into ROOM's back power port
3. Press ⏻ or ☰ Button until LED indicator turns green
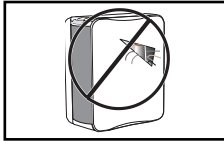4. Tap ☰ button to change sanitization power level
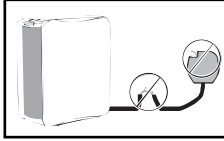
## 5 SAFETY PRECAUTIONS
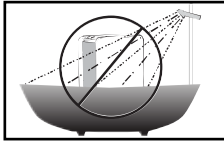1. Handle with care when transporting or moving
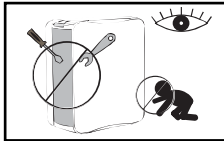2. ROOM can be damaged if dropped, burned, punctured or crushed
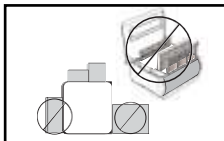3. Do not operate if damaged and / or when any parts are broken to avoid potential injury
4. Power with the included power supply adapter only
5. Do not operate with damaged connectors, cables or power supply adapter
6. During operation or storage keep indoors and dry
7. Do not operate if wet and / or immersed in any liquid to avoid potential injuries and/or damages to properties
8. Do not allow infants and young children to operate unsupervised
9. Keep magnetic feet away from infants, young children and animals as they can be choking hazards
10. Do not insert any objects into the In or Out air-vents
11. Do not operate without any parts attached or any panels left open
12. Close left side panel and ensure all filters are seated correctly before operating
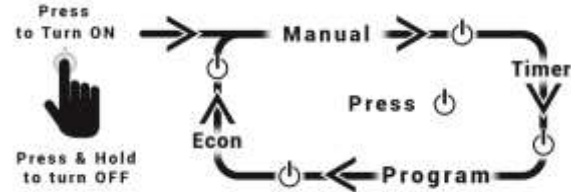13. Do not block the In or Out air-vents during operation



## 6 OPERATION GUIDE

### 6.1 Function Button
Tap ⏻ or ☰ to turn ON the ROOM.
To turn OFF, press and hold ⏻ for a few seconds.
Tap ⏻ to cycle the modes, LED will flash to different colours when cycled.

### 6.2 Mode Selection
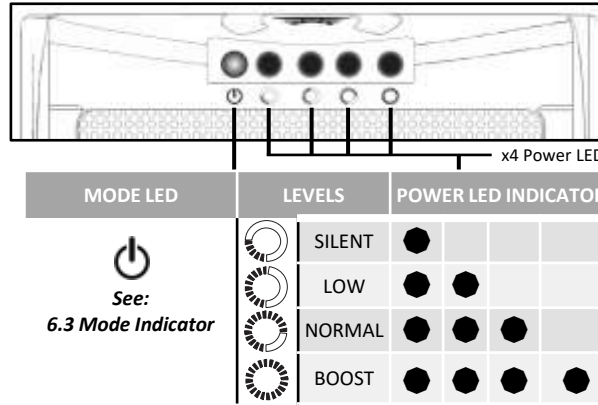Immediately after turning on, default mode is set to Manual.



### 6.3 Mode Indicator

| LED MODE | | DESCRIPTION |
|---|---|---|
| RED | OFF | Fan & sanitization Off, WIFI in Standby |
| WHITE | MANUAL | Direct control by user |
| BLUE | PROGRAM | Time & Day schedule set by user |
| YELLOW | TIMER | Turn off after a set duration |
| GREEN | ECON | Pre-programmed optimized performance |

In Manual, Timer and Program mode, sanitization power levels can be adjusted manually from the ROOM interface.
In Econ mode, sanitization power level is automatically set and cannot be manually adjusted.

## 6.4 sanitization Power Levels

In Manual, Program and Timer modes, press ☰ to cycle through the power levels.

In Program mode, you can configure each schedule to a specific sanitization power level, for any time and day.
For more details, see: *7.6 Configure: Program*

In Econ mode, sanitization power level is automatic and cannot be manually changed during operations.

| POWER | | DESCRIPTION |
|---|---|---|
| 1 | SILENT | Quiet comfort & Sleep |
| 2 | LOW | Low power for relaxing study |
| 3 | NORMAL | Everyday optimized power |
| 4 | BOOST | Max coverage for demanding situation |
| 5 | OFF | Turn OFF (Program Mode Only) |

### 6.5 sanitization Power Indicator
sanitization power LEDs are shown in GREEN. Mode LED will be shown in different colours. See: *6.3 Mode Indicator*



| MODE LED | LEVELS | POWER LED INDICATOR |
|---|---|---|
| ⏻ See: 6.3 Mode Indicator | SILENT | ● |
| | LOW | ● ● |
| | NORMAL | ● ● ● |
| | BOOST | ● ● ● ● |

## 7 WIFI CONTROLS

Remotely control and customise settings for Timer & Program mode from a web browser on a PC, Mobile or Android app from google Play Store. Step-by-Step Control Guide, please see: *11.4 Support*

**Plug Power Supply into the ROOM & the Wall Socket**
WIFI Hotspot (WIFI4 / 2.4GHz) will turn on automatically when connected to power supply. Ensure the Indicator LED is lit RED.

### 7.1 Quick Connect Guide

**CONNECT BY ANDROID APP**
A. Download on Google Play Store (QR Link):
https://play.google.com/store/apps/details?id=com.aonetech.airhalo

B. At the home screen, press "Refresh" button to search for your ROOM. A list of available WIFI HOTSPOT will be displayed

C. WIFI HOTSPOT name (SSID) is
**Model No. + Serial No.** Please see product label for details ( "AHD01SXXXX" )

D. On the list display select the ROOM you wish to control, this will load the login page: See Step 3 Below

*Connect by Web Browser*
1. Connect to ROOM's WIFI hotspot manually: See Step D
2. In your **web browser** search bar, type the IP address:

🔍 192.168.100.1

3. After connecting by android app or web browser, The ROOM login page requires Username & Password
Default Username: **admin**
Default Password: **admin**
4. Only one user can control remotely (App/Browser)
"Log out" (Top left) to allow another user to connect

Device use 2.4GHz band. Interference may occur in congested areas. If unable to connect to Hotspot, Switch off other devices and/or move to a less congested WIFI area. Please see: *11. Troubleshooting*
For online Step-by-Step Control Guide, please see: *11.4 Support*

### 7.2 Control Panel
- On/Off – Turn the ROOM to Standby mode
- Mode/Power Status – Display current status here
- Modes – Switch to Manual/Timer/Program/Econ
- Power Level – User can take manual control
- Advance Panel – Access by "Gear" icon (Top Right)
- Logout – Return to login page "Cross" icon (Top Left)

Switch modes to Manual, Timer, Program or ECON:
Click Manual, Timer, Program or ECON button to activate.
You can change to manual mode by:
1. Click "manual" button or Select a sanitization power level
2. Press ☰ button to apply manual mode

### 7.3 Advance Panel
- Device Name – Display name of the ROOM
- Login Password – Set custom password
- Configure – Configure options for specific modes
- System – Configure device settings
- Bright – Set the brightness of the LEDs indicator
- Reset – Apply factory default

Set new Device Name and/or Login Password:
1. Select the ROOM name/Login Password field
2. Enter a new alphanumeric entry
3. Click "Apply" to set new name/password
4. Click "Back" to return to Control Panel

Set specific options from the Configure and System group.
Clicking on the button will take you to the specific panel options.

LED Brightness can be set for all indicator LEDs
Ranging from "Off", "Dim", "Normal" or "Bright"

Set Brightness:
1. Select brightness option from drop down menu
2. Selection will be applied immediately

**Reset - !Warning!**
Selecting this option will restore all software to factory default.
Please see for more details: *11.1 Troubleshooting*

## 7.4   Configure: Timer

Timer mode automatically shutdown the ROOM within a set duration when activated. Configure the duration of the timer in hours and minute incrementation:
1. Select hours from 00hrs to 24hrs and Select minutes from 00mins to 59mins
2. Select sanitization power level by tapping ⚏ button
3. Click "Apply"
4. Click "Back" to return to Advance Panel

## 7.5   Configure: Program

Enable PROGRAM mode from OFF mode:

Press ⏻ twice to select Program mode: press ⚏ to cycle sanitization power level until ROOM enters OFF mode.

Please see for further details: 6.4 sanitization Power Levels

Program allows ROOM scheduling for the entire week.
Set time, day of the week and the sanitization power level.
Please ensure the Time and Day is set to your time zone before utilising PROGRAM mode.

To configure:
1. Select the time in hours and minutes (HH:MM am/pm)
2. Select the sanitization power level (Off / Silent / Low / Normal / Boost)
3. Select the day or days (Monday to Sunday)
4. Click "Apply"
5. Click "Back" to return to Advance Panel

Delete a schedule, click "Delete" on the far right side.
30 programs can be scheduled. For further details please go to our website for the latest manual: www.air-halo.com

## 7.6   System: Clock

To ensure Program mode is running correctly, set ROOM to your current time zone.
To configure:
1. Set Hours, Minutes and AM/PM
2. Set date (DD-MM-YYYY)
3. Click "Apply"
4. Click "Back" to return to Advance Panel

## 7.7   System: Network

**Connect to WIFI HOTSPOT for First Time Initiation of ROOM**
Default format is Product No. + Serial No. ( "AHD01SXXXX" ). This can be found on the product label. The Hotspot operate on the 2.4GHz band. SSID name and password is fully customisable.

**WIFI Local Area Network (WLAN) on a home router**
WLAN is compatible with WPA and WPA2 encryption
To connect:
1. Click "Search WIFI" to discover available networks
2. Click "SSID" to select desired network
3. Enter password
4. Click "Apply" or "Reboot"

Multiple ROOM's can connect to the same WIFI Local Area Network (WLAN) on a home network.

**The WLAN IP of the ROOM will be displayed on the Login page**
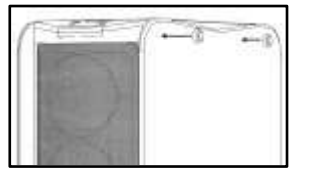
## 7.8   System: Firmware

Customer support may direct user to update the firmware if required. Please see : 11.4 Support
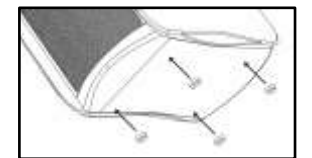
# 8   MAGNETIC FEET

ROOM can be positioned vertically or horizontally on the right side panel.

**Side Position:** Attach magnetic feet to the right side panels at the four corners indicated.

**Bottom Position:** Attach magnetic feet to the bottom panel at the four corners indicated.

# 9   MAINTENANCES

## 9.1   Cleaning Recommendation

Before cleaning, please switch OFF & Unplug Power Supply
- Surfaces: Slightly damp cloth
- In/out-vent Metal Mesh: cloth & vacuum
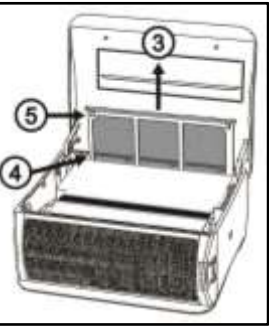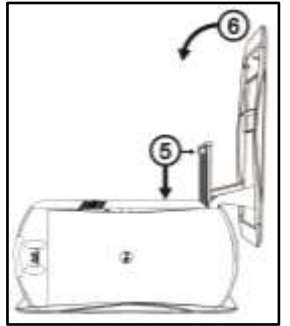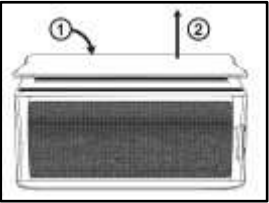- Large Dust Filter: vacuum & rinse with water (periodically)

## 9.2   Surfaces
Use a slightly damp cloth to wipe clean any blemish or dirt on the surface.

## 9.3   In & Out-vent Mesh
Vacuum the mesh carefully, use a cotton bud to remove dust from between the vents.

## 9.4   Large Dust Filter
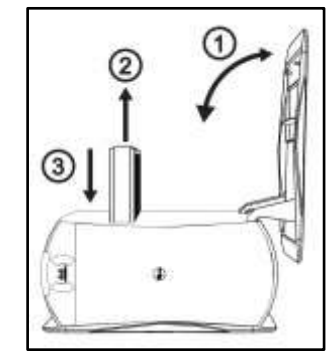1. Position horizontally with left-side panel on top
2. Lift the top side panel & gently remove large dust filter
3. Wash clean with water & dry thoroughly before replacing
4. Vacuum clean any dust or obstruction within
5. Align large dust filter with "tabs" facing outwards and push down until it clicks
6. Close the top side panel until it clicks

## 9.5   Fine Dust Filter Replacement
It is recommended to replace fine filter (Type: E12 or H13) every 6-9 months. Before replacement, carefully vacuum around and inside the interior.
CAUTION: Do not remove Fine Dust filter without unplugging power supply first.

To replace the fine dust filter, position with left-side panel on top:
1. Lift the front edge of the left-side panel
2. Grip firmly to remove and pull out the fine dust filter
3. Align replacement filter and push until it is flush with the opening

## 9.6   Fine Dust Filter Disposal
When fine dust filter is full, do not incinerate. Disposed separately from household waste.

## 9.7   Repair
Maintenance by user is not advised. For more details please see: 11.2   Warranty

# 10   SPECIFICATIONS

- Model: AHD01
- Modes: Manual / Timer / Program / ECON
- sanitization Power Levels: Silent / Low / Normal / Boost
- WIFI: 802.11 b/g/n @ 2.4GHz (WIFI 4)
- Weight: 5kg
- Air sanitizer: Plascide Technology
- Recommend Usage: 250ft²
- Supply: 100-220V@50/60Hz | Output: 12V=== 5A
- Consumption: 60W
- Dimension (283 x 333 x 140)mm

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE
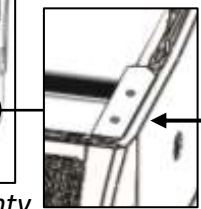
# 11   SERVICE & SUPPORT

## 11.1   Troubleshooting

| Symptom | Diagnosis | Action |
|---|---|---|
| No LED ON, No Fan | Power Cable Not Secured | Plug All Power Supply & Cables Into Socket Securely |
| No LED ON, Fan On | Low-light Setting On / Low -Light With Timer/Program Mode Activated | Tap Buttons For LED Response Please See: 6.1   Function Button |
| No Button/Fan Response | Left Side Panel Not Closed & Loose Magnetic Feet | Close All Panels & Attach Supplied Feet Please See: 8   Magnetic Feet |
| Rattling Fan, Loud Fan Noise | | |
| Fan Is On But No Air Flow | Large Dust Filter Need Cleaning | Please See: 9.4   Large Dust Filter |
| Fan Is On, Large Dust Filter Cleaned But No Air Flow | Fine Dust Filter Need Cleaning | Please See: 9.5   Fine Dust Filter Replacement |
| All Red LED Flashing | Product Fault | Apply "Factory Default" Or Please See: 11.3   Warranty |
| All Red LED, No Fan, No Button Response | | |
| No LED or Button Response With Cable Plugged | | |
| Program Mode Not Keeping the correct schedules | Factory reset | If persistent Please See: 11.4 Support |
| Time & Date not Correct After Every Power Reset | | |
| Forgot login password | Hardware reset | Please See: 11.2   Hard Reset |
| WIFI not connecting | | |

## 11.2   Hard Reset

If you have exhausted all possible solutions to fix your problem. You can perform a hardware reset to restore the factory defaults

Plug Power Supply into the ROOM & the Wall Socket:
1. Lift up left side panel
2. Locate the first hole labelled: "Recover"
3. Insert a pen or screwdriver
4. Press down firmly for a second

## 11.3   Warranty
- ROOM is covered by a manufacturer guarantee and warranty
- Self-repair and/or signs of tampering will void the warranty
- Repairs should only be carried out by a certified person
- Please refer to the included warranty card for more details

## 11.4   Support
For latest documentation: support@airkave.com
Please contact your local service centre:
T: 800-873-1038| W:WWW.AIRKAVE.COM|
**KAVE INDUSTRIES LLC**
8605 Santa Monica Blvd #53476, Los Angeles, CA 90069

airkave  ROOM AIR SANITIZER

EN   **INSTRUCTION MANUAL**
Model: AHD01

Plascide®
Plasma Technology

**PLEASE READ THIS MANUAL BEFORE USE**