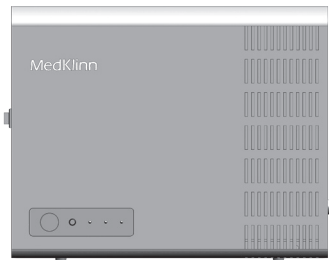


PRO AS1



PRO AS2

OPERATING MANUAL

CONTENTS

SAFETY PRECAUTIONS

- Warnings 1
- Cautions during operation 2

DEVICE IDENTIFICATION 3

GETTING STARTED

- Installation and placement of unit 4

OPERATION

- To turn the unit on 4
- To select various modes 4
- To turn the unit off 5

***i*KLINN FUNCTION**

- To select duration of *i*Klinn function 5

MAINTENANCE AND SERVICING

- Regular cleaning of cartridge 6
- Cartridge replacement 6

TROUBLESHOOTING GUIDE 7

INSTALLATION GUIDE 8

SPECIFICATIONS 11

Congratulations on your purchase of the MedKlinn PRO AS1/AS2 Air Sterilizer! It incorporates the most innovative and latest air cleaning technology, the **Cerafusion™ Technology**. Please read the following instructions carefully before using the unit. With a little care, it will provide you with many years of clean, fresh and healthy air in any indoor environment.

SAFETY PRECAUTIONS

WARNINGS - *To reduce the risk of electrical shock, fire or injury:*

1. Do not use the MedKlinn PRO AS1/AS2 if the connector is damaged.
2. Do not insert any sharp or pointed object through the ventilation holes of the unit, as well as the bracket socket.
3. Do not let children play with the unit.
4. Do not immerse the unit in water, or allow water or any fluids to enter through the ventilation holes.
5. Do not press the on/off button or remove the unit when your hands are wet.
6. Switch off the unit before cleaning the unit.
7. Do not modify, disassemble or repair the unit by yourself.
8. Do not wipe this unit with alcohol-based cleaner which may damage the surface.
9. To prevent potential electrical shock/fire hazard, ensure there are no oily, chemical or foreign residues.
10. Ensure the unit is properly grounded to avoid electrical shock.
11. Switch off the unit before changing or removing the cartridge.
12. Opening the unit or tampering with it in any way will cause the Warranty to become VOID.
13. If you encounter any problems with the unit, please read the Troubleshooting Guide first, and if the problem persists, please contact the nearest authorised MedKlinn Service Centre.

NOTE: Radio or TV Interference:

If the unit should cause interference to radio or television reception, try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the distance between the unit and radio/TV receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

READ AND SAVE THESE INSTRUCTIONS.

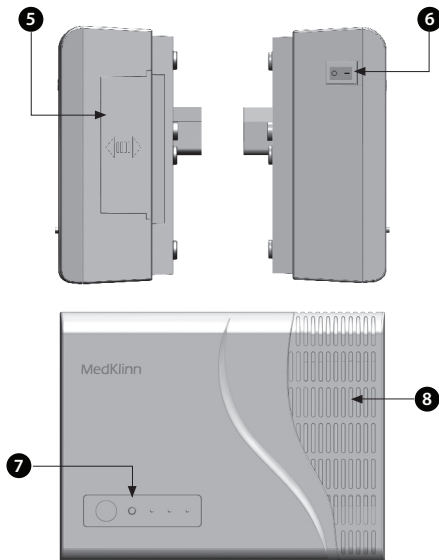
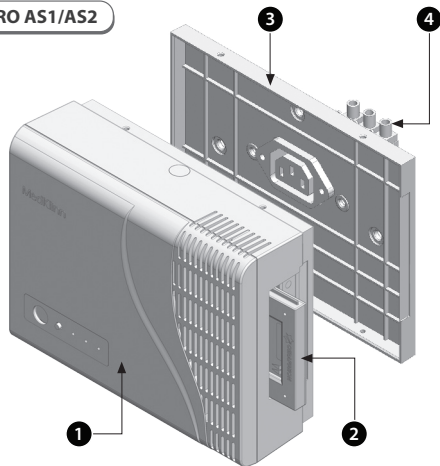
FOR FURTHER ASSISTANCE, PLEASE CONTACT OUR CUSTOMER SERVICE (WWW.MEDKLINN.COM)

 CAUTIONS DURING OPERATION

1. Place the unit at least 6 feet from radio, television or electronic equipment. This is to minimize the possibility of interference with the equipment or the remote controller.
2. Do not cover the unit in any way at all, particularly the ventilation holes or air outlet. Doing so will cause excessive heat build-up and may result in a fire and irreparable damage to the unit.
3. Avoid placing the unit where curtains or other furnishings may cover the ventilation holes.
4. Ensure that there is free flow of air around the unit.
5. Avoid locations where the unit is exposed to condensation due to rapid and drastic temperature fluctuations. The unit should only be used in temperatures between 5-35° C.
6. Avoid locations where the unit is exposed to water droplet/basin area.
7. Do not use in small enclosed spaces where there is no or poor air circulation e.g. in wardrobes, closets or pantries.
8. It is NOT recommended to place the unit directly too close to pets.

DEVICE IDENTIFICATION

PRO AS1/AS2



- | | | |
|--------------------------------|--------------------------|----------------------------|
| 1 PRO AS1/AS2 unit | 4 Connector | 7 Control panel |
| 2 Cerafusion™ Cartridge | 5 Cartridge cover | 8 Ventilation holes |
| 3 Mounting bracket | 6 On/Off switch | |

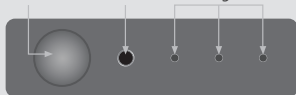
GETTING STARTED

INSTALLATION AND PLACEMENT OF UNIT:


For best performance, install the unit **near a source of air circulation such as an air conditioner or near the incoming air ventilation outlet**. This will enable the activated oxygen produced by the unit to be quickly distributed throughout the room. It is highly recommended to install the unit at least 2 feet from your normal sitting or sleeping position.

OPERATION

Infrared Control button LED lights



TO TURN THE UNIT ON:

1. Once the unit is fitted into an existing electric socket, it is automatically connected to the power. Press  to turn the unit on (" ").
2. By default, the three LED lights will light up in blue. This indicates that the unit is operating at **HIGH** mode.

TO SELECT VARIOUS MODES:

1. Press the **Control** button once to advance it to the next mode.



First LED light turns on
⇒ Unit is operating at **LOW** mode



First and Second LED lights turn on
⇒ Unit is operating at **MEDIUM** mode



All LED lights turn on
⇒ Unit is operating at **HIGH** mode

TO TURN THE UNIT OFF:

1. Press  to turn the unit off ("O"). All LED lights will become unlit.

iKLINN FUNCTION

The iKlinn function is specially designed to initiate instant cleaning as required. To activate iKlinn, press the **Control** button for **five (5) seconds**. Once activated, the LED lights will start blinking.

Select **ONE (1) hour**, **TWO (2) hours** or **THREE (3) hours** as follows:

TO SELECT DURATION OF THE iKLINN FUNCTION:

1. Press the **Control** button once to advance it to the next mode.



First LED light blinks

⇒ iKlinn will run for **ONE (1) hour**.



First and Second LED lights blink

⇒ iKlinn will run for **TWO (2) hours**.



All LED lights blink

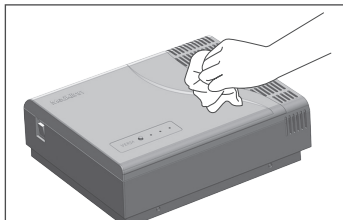
⇒ iKlinn will run for **THREE (3) hours**.

When the iKlinn function is complete, the prior setting will resume.

To revert to prior setting during iKlinn mode, press the **Control** button again for five (5) seconds.

MAINTENANCE & SERVICING

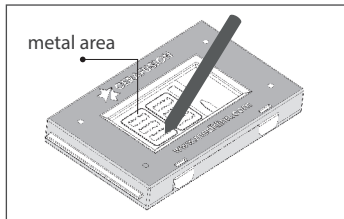
1. To prevent dust/stain on the main unit, clean the unit with a slightly damp cloth as often as necessary.
2. If water stains appear on the surface, gently wipe and clean it.
3. Ensure that the ventilation holes are not clogged with dust or dirt.
4. DO NOT use **alcohol-based** cleaner on plastic material (*PRO AS1*).
5. Avoid water from dropping onto the unit.
6. Switch off the unit prior to removing or changing the cartridge.
7. To remove the cartridge, please refer to the Installation Guide (*page 8*).



Wipe the unit as often as necessary

REGULAR CLEANING OF CARTRIDGE:

- Minimal maintenance is required for the CeraFusion™ cartridge. It is recommended to clean the cartridge periodically by using the nail provided or equivalent to clean the edges of the metal area.
- In a normal environment, **cleaning every three (3) to six (6) months** is recommended to maintain optimum performance.



Clean the cartridge periodically

CARTRIDGE REPLACEMENT:

To maintain optimal performance, it is strongly recommended that the **cartridge be replaced with a new cartridge every twelve(12) months** for a normal environment. In more polluted environments, the cartridge may have to be replaced more frequently.

TROUBLESHOOTING GUIDE

1. I have pressed  to turn on, but the LED light is not lit.

First, check that the unit is properly installed to the existing power outlet, and that the switch is turned on. If the LED light is still unlit, contact your authorized MedKlinn Service Centre to have the unit serviced.

2. I have dropped the PRO AS1/AS2. Is it safe to continue using it?

First, carefully check the whole unit casing to make sure there are no cracks or breaks. Then, gently shake the unit to make sure nothing has broken or detached inside the unit. If the casing has cracked or something sounds broken inside, contact your authorized MedKlinn Service Centre to have the unit serviced.

3. There is no hissing sound after I changed the cartridge.

First, switch off the unit and take out the cartridge. Then, check if the cartridge is broken. Brush off any dust or grease on the surface of the cartridge. If the cartridge is in its perfect condition, reinstall it and check if the hissing sound is apparent. If there is no hissing sound, contact your nearest MedKlinn Service Centre.

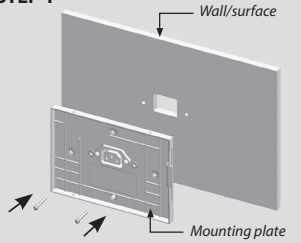
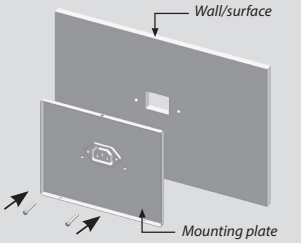
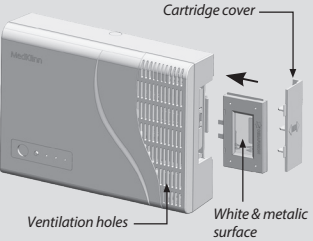
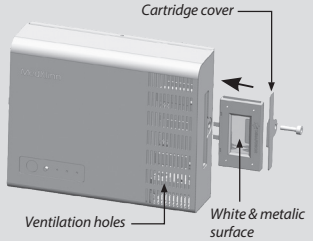
4. I detect a hissing sound from the unit, but the LED light is not lit. What happen?

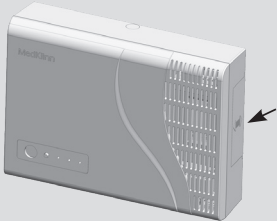
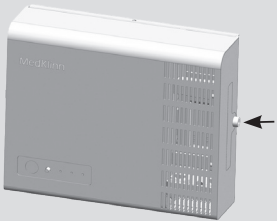
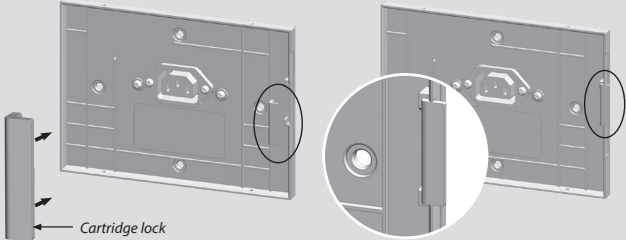
The LED light of the unit has fused. Even though the LED light is fused, the unit is still functioning properly. Please contact your authorized MedKlinn Service Centre to have the LED light replaced.

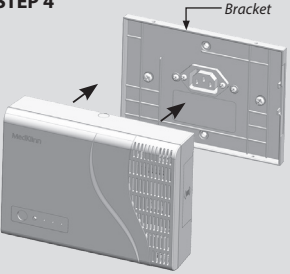
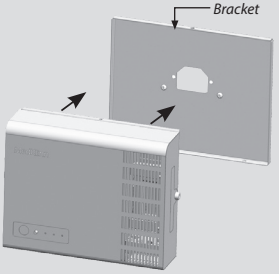
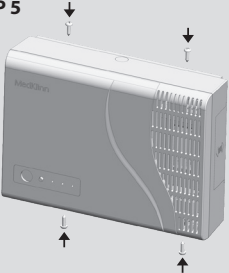
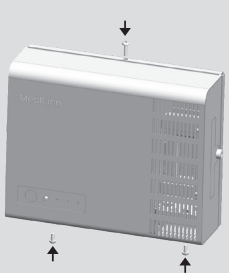
5. I hear an abnormal sound from the unit and it is not the normal hissing sound that I usually detect.

Please contact your authorized MedKlinn Service Centre to have the unit serviced.

■ INSTALLATION GUIDE *(Installation to be performed ONLY by a Certified Electrician)*

PRO AS1	PRO AS2	DESCRIPTION
<p>STEP 1</p>  <p>Wall/surface</p> <p>Mounting plate</p>	 <p>Wall/surface</p> <p>Mounting plate</p>	<ol style="list-style-type: none"> 1. Connect wires using the connector provided. 2. Use the two (2) screws provided to secure the mounting plate to the wall.
<p>STEP 2</p>  <p>Cartridge cover</p> <p>Ventilation holes</p> <p>White & metallic surface</p>	 <p>Cartridge cover</p> <p>Ventilation holes</p> <p>White & metallic surface</p>	<ol style="list-style-type: none"> 1. Remove cartridge cover. 2. Insert the cartridge into the opening ensuring that the white and metallic surface is facing the ventilation holes.

PRO AS1	PRO AS2	DESCRIPTION
<p>STEP 3</p> 		<p><i>(PRO AS1)</i></p> <ol style="list-style-type: none"> 1. Push the plastic cover securely into place. <p><i>(PRO AS2)</i></p> <ol style="list-style-type: none"> 1. Insert the stainless steel cover and fasten screw into place.
<p>OPTIONAL CARTRIDGE LOCK <i>(Only applicable for PRO AS1)</i></p>		
 <p>Cartridge lock</p>		<ol style="list-style-type: none"> 1. To lock the cartridge cover, insert the cartridge lock as shown after Step 3.

PRO AS1	PRO AS2	DESCRIPTION
<p>STEP 4</p>  <p>Bracket</p>	 <p>Bracket</p>	<p>1. Attach PRO AS1/AS2 to the mounted bracket.</p>
<p>STEP 5</p> 		<p>1. To secure the unit to the wall mounting, insert the screws provided and fasten.</p>

SPECIFICATIONS

DESCRIPTION	MODEL	
	PRO AS1	PRO AS2
Casing	Polycarbonate	Stainless Steel
Interchangeable Cartridge	Yes	Yes
Cartridge Option	Ion, Hybrid	Ion, Hybrid, Ozone
Installation	Wall mounted	Wall mounted
Input Voltage	110~240 VAC	110~240 VAC
Output Current (<i>max</i>)	1.5 Amp @ 12 VDC	1.5 Amp @ 12 VDC
Power Consumption	< 6 W	< 7 W
Functions	Low/ Mid/ Hi/ iKlinn	Low/ Mid/ Hi/ iKlinn
Dimensions	182mm (W) x 56mm (D) x 131mm (H)	172mm (W) x 54mm (D) x 137mm (H)
Operating Environment	Temperature: 10° - 35°C	Temperature: 10° - 35°C
Commercial Coverage Area*	300 ft ² / 28m ²	300 ft ² / 28m ²
Weight	700 gram	1,100 gram
Warranty	1 year limited	1 year limited
Optional Items	Remote control	Remote control

- * 1. Depending on the pollution level
2. Ceiling height of 9 feet

For more information, please log on to www.medklinn.com

