



EVAPORATIVE AIR COOLER

Model: IF7880



Anion



Remote
Control



Ball Bearing
Hi-speed Motor



Multiple
Inlet



Patented
Fan Blade

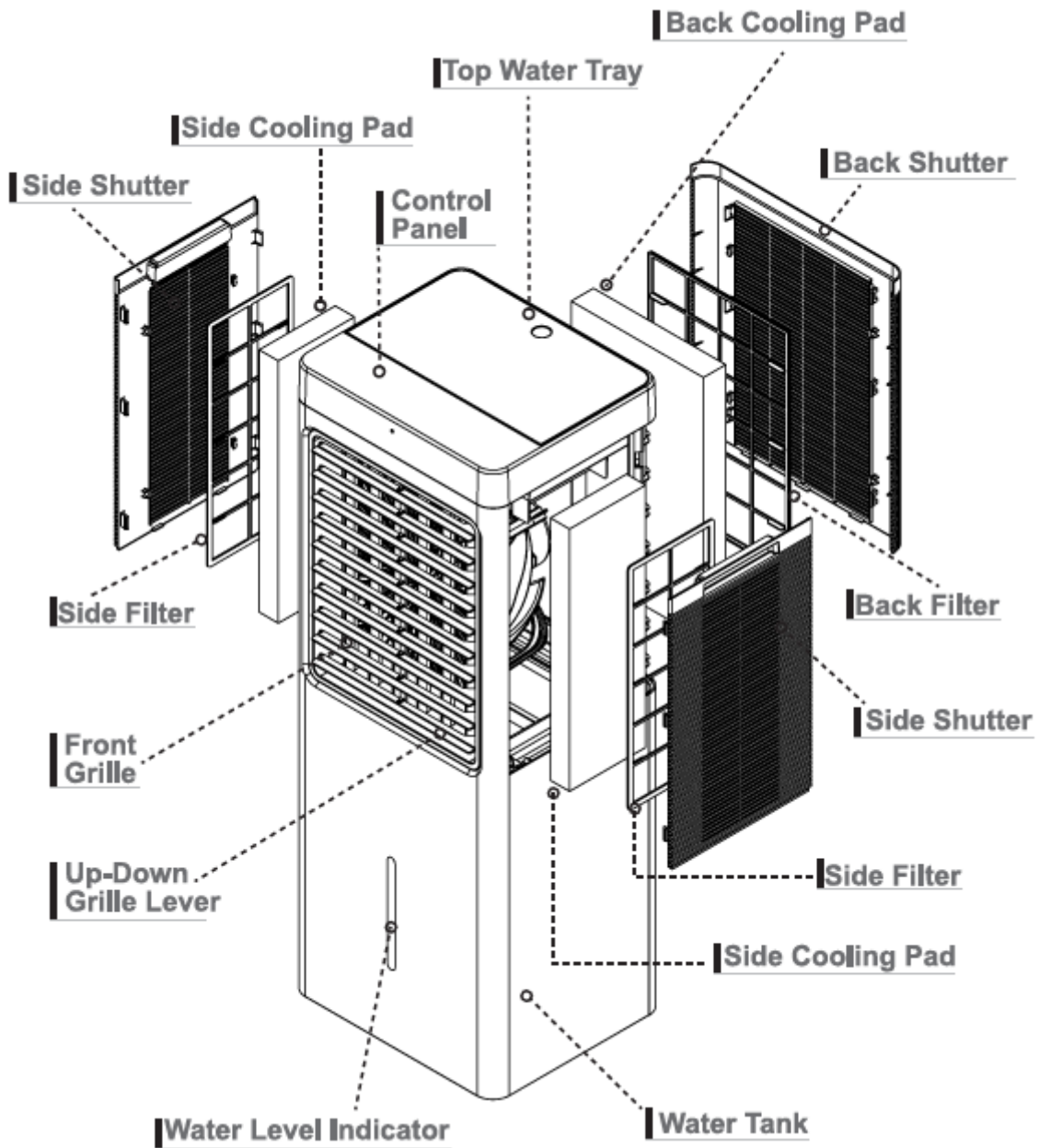


Special
Cooling Pad



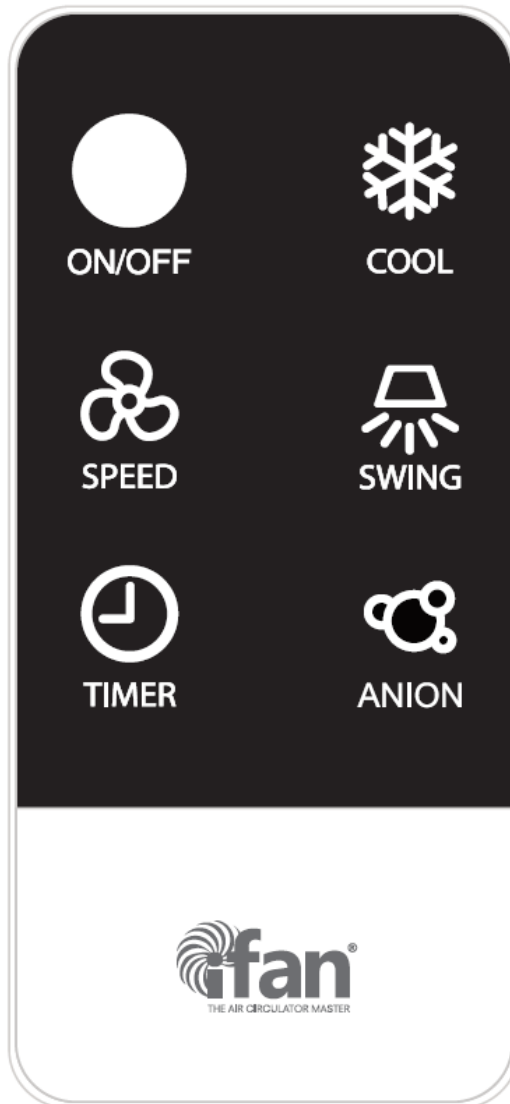
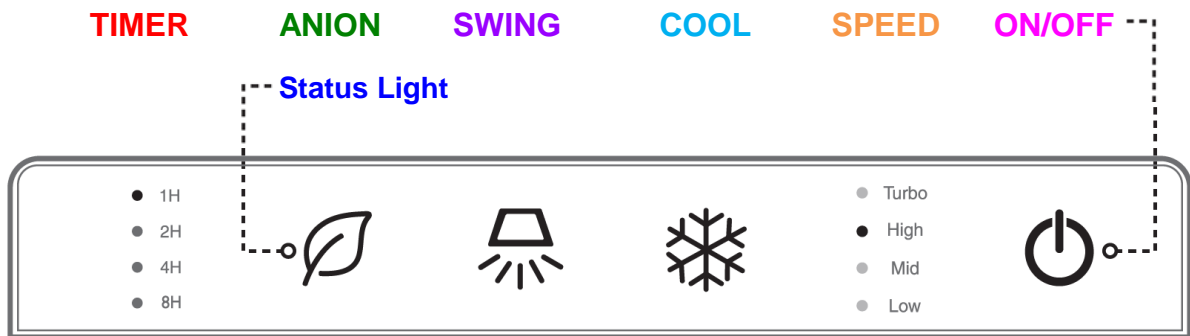
THIS IS HOME TRULY

Parts & Description



Control Panel

(Status Light is illuminated for 30 seconds (and then dimmed) whenever a button on the Control Panel or the Remote Control is pressed)



Remote Control

Warnings

ATTENTION :

Read this booklet carefully as it contains important instructions for a safe installation, use and maintenance.

Important instructions to be kept for future reference.

The following basic precautions should always be followed when using electrical appliances:

1. Read all instructions before using the appliance.

The Appliance

2. This appliance must be used only for the purpose it was expressly designed; any use NOT complying with the instructions contained in the manual is considered inappropriate and dangerous. The manufacturer is NOT responsible for possible damages caused by the inappropriate and/or unreasonable use.
3. The installation/assembly of the appliance will be made in accordance with the indications of the manufacturer. A wrong procedure may cause damages to persons, animals or objects, for which the manufacturer cannot be considered responsible.
4. Before use, check the integrity of the appliance and power cable. DO NOT operate the appliance when its Motor Unit is damaged. In case you are not sure, contact a qualified person. If the power cable is damaged, it must be replaced by the manufacturer or its service agent, or a qualified technician in order to avoid a shock hazard.
5. Before powering the appliance make sure the rating (voltage and frequency) corresponding to the grid and the socket is suitable for the plug of the appliance, and that the wall socket is properly grounded. This appliance is fitted with an earth wire for extra safety.
6. Avoid the use of adapters and/or extension cables; if their use is absolutely necessary, use only materials in compliance with the current safety regulations and according to the electrical parameters of the adapters.
7. The appliance must NOT be switched on using external timers and/or other remote control appliances which are not specified in this manual.
8. Only use original components & accessories provided by the manufacturer. Any non-original component or accessory NOT recommended by the manufacturer (including those made by other manufacturers or by the same manufacturer but for other models) may cause injuries to persons or damage to the appliance.
9. The packing materials (plastic bags, expanded polystyrene, etc.) must be kept out of the reach of children or disabled persons since they represent potential sources of danger.

Location

10. This appliance is NOT suitable to be used or stored near heat sources (open flame, ovens, heaters, stoves, etc.) and/or in an explosive environment (in the presence of flammable substances such as gas, vapour, mist or dust, in atmospheric conditions when, after ignition, the combustion is spread in the air). Items containing these substances should never be placed in the appliance, and never be used to clean the appliance in order to avert the risk of fire or explosion.
11. The appliance should NOT be placed on a surface, or in the vicinity of, objects which can be damaged by heat, such as carpets or plastics. DO NOT locate multiple portable socket outlets or power supplies at the bottom or rear of the appliance. During operation, as heat is transferred away from the appliance, the surface that the appliance is placed upon as well the surface immediately above or adjacent to it may become very hot. If the appliance is operated on wooden furniture, use a protective pad to prevent damage to delicate finishes. There should be at least 10 cm of free space from the back, left & right sides and at least 20 cm from the top to allow adequate air circulation. Never put things on top of the appliance.
12. Avoid placing the power cable on abrasive or sharp surfaces or in positions where it can be damaged easily. Avoid placing heavy objects on the cable. The cable must NOT be placed under carpets, or covered with throw rugs, runners or similar. Arrange the cable away from the high traffic area, and where it will NOT be tripped over. DO NOT pull or carry the appliance by the cable.
13. DO NOT operate the appliance next to an open window while it is raining, or use it in the bathroom or other humid environments. Rainwater splashing onto the appliance may cause an electric shock.
14. DO NOT use or store the appliance outdoors. Store and use the appliance only indoors, or in any case, protected from weathering such as rain, direct radiation of the sun and dust.

Operation

15. If you are using the appliance for the first time, you should:
 - a. Clean the exterior parts of the appliance thoroughly with warm water & detergent with a non-abrasive sponge and wipe dry. DO NOT use metal scouring pads. Make sure that the Motor Unit DOES NOT come into contact with water. The Water Pump, however, is immersed in water.
 - b. Check that the Front Grilles, Air Inlet & Air Outlet are NOT damaged.
 - c. Place the appliance upright on a horizontal, stable, dry and heat-resistant surface. Damage may occur if the appliance is placed on an incline or decline.

- d. After lifting up the Top Water Tray (top) or pulling out the Water Tank (bottom and back of appliance), add sufficient water into the Water Tank but DO NOT add beyond the maximum volume. Put the Top Water Tray back down or push the Water Tank back into the appliance.
- e. To turn ON : Insert the plug of the power cable directly into the wall socket and switch ON. Ensure that the plug fits tightly into the socket.
- f. Press the ON/OFF Button on the Control Panel / Remote Control once to turn the appliance ON.
- g. Press the SPEED Button on the Control Panel / Remote Control to adjust wind speed from

Low → Medium → High → Turbo
- h. (optional) Press the TIMER Button on the Control Panel / Remote Control to set the Timer to cease operations in 1, 2, 4 or 8 hours' time (button illuminates). When the time has elapsed, the appliance shuts off.
- i. (optional) Press the ANION Button on the Control Panel / Remote Control once to turn ON or to turn OFF the Air Purifier.
- j. (optional) Press the SWING Button on the Control Panel / Remote Control once to keep the vertical Front Grilles swinging from side to side continuously or to freeze the movement.
- k. (optional) Press the COOL Button on the Control Panel / Remote Control once to enter or exit the COOL mode.
- l. To turn OFF : Press the ON/OFF Button on the Control Panel / Remote Control once to turn the appliance OFF.
- m. Make sure to remove any label or protective sheet which may prevent its proper functioning.

DO NOT:

- cover the appliance during functioning;
- obstruct totally nor partially the Air Inlet & Air Outlet;
- insert objects or body parts (including clothing and hair) through the air inlet/outlet to avoid personal injury or damage to the appliance when in operation;
- attempt to force the fan blades to turn or stop the blades from turning, which may lead to the motor overheating. If the motor is operating, but the Fan Blades do not move, switch the appliance off;
- touch the inside of the fan while it is operating. The blades are rotating at very high speeds, which may lead to injury to your fingers and hands;
- push the buttons on the Control Panel or Remote Control too forcefully;
- overload the Water Tank by filling it past the MAX volume indicated;
- use the appliance to dry wet clothes or use the appliance in a damp environment;
- use any of the following agents as a cleaner: gasoline, thinner, or benzene;

- operate the appliance for more than 6 hours without turning it off for at least 30 minutes to let the appliance cool down for a total usage of 12 hours a day – failure to heed this warning may result in motor failure;
 - leave the appliance unsupervised during operation.
16. During operation, DO NOT touch the appliance with wet body parts, and it is recommended to have between you and the standing surface, an isolating element (for example, wearing shoes with rubber soles).
 17. DO NOT soak the appliance (especially the Motor Unit) in water or other liquids, wash it under the tap, or let any liquid flow into the internal casing of the appliance (especially the Control Panel) to prevent electric shock. In case of accidental fall in water, DO NOT try to take it out, but first switch the appliance off.
 18. Switch the appliance OFF before unplugging the appliance. Plug and unplug the power cable firmly holding it with dry hands. Always unplug the power cable before filling & emptying the appliance; to avoid overheating; if it is NOT used for a long period and before storing, cleaning or performing any maintenance operation. Prior to the latter, leave to cool for at least 30 minutes.
 19. In case of malfunction or anomaly during the functioning, switch the appliance off immediately, turn off the power and check the cause of the anomaly, if possible, with the support of a qualified person.
 20. If smoke is observed coming out of the appliance, switch the appliance off immediately.
 21. This appliance is NOT intended for commercial use but to be used in households and similar applications, such as:
 - Staff kitchen areas in shops, offices & other working environments;
 - By clients in dormitories, hotels, motels & other residential environments;
 - Bed and breakfast type environments.
 22. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall NOT play with the appliance. Cleaning and user maintenance shall NOT be made by children unless they are older than 8 and supervised. Keep the appliance and its cable out of reach of children less than 8 years old.
 23. Save these instructions.

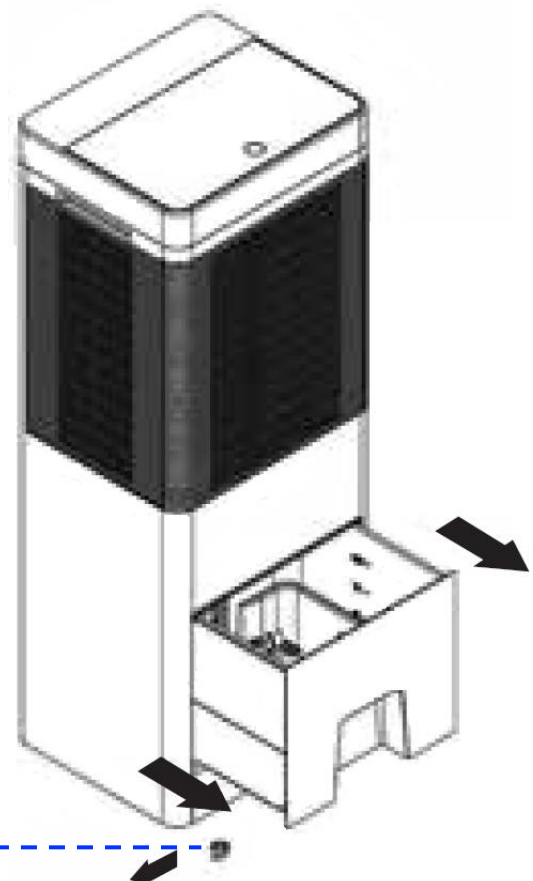
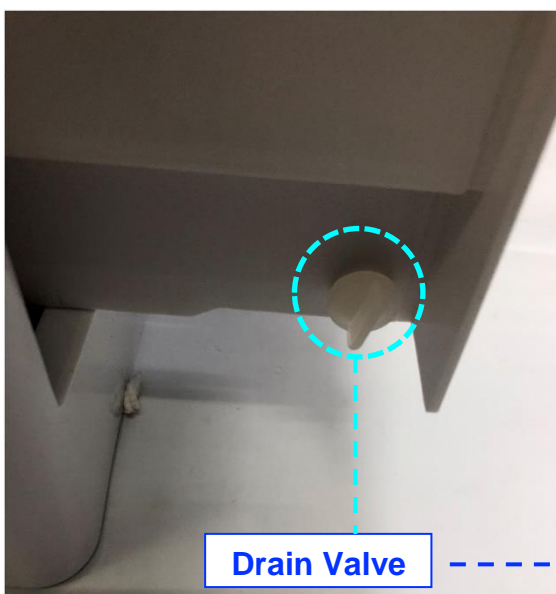
HOW TO USE

Warning: The fan is fully assembled. DO NOT operate the fan with any of its parts disassembled. The entire assembled unit works as a single appliance. The fan must only operate in the upright position. Any other position will be hazardous.

1. Avoid using the appliance in a closed environment. The appliance should be used in an open and well-ventilated environment.
2. When the appliance operates under the COOL function, the Water Tank must be filled with water. Although the appliance can be used as an ordinary fan without using the COOL function, accidentally operating the appliance under the COOL function with an empty Water Tank may result in possible damage to the appliance. Thus, to be on the safe side, the Water Tank of the appliance should be filled with water prior to operation.
3. When moving the appliance, be aware that water can spill out of the Water Tank. Thus when moving an appreciable distance, it is recommended that all water be drained from the Water Tank prior to the move.

Draining the Water Tank

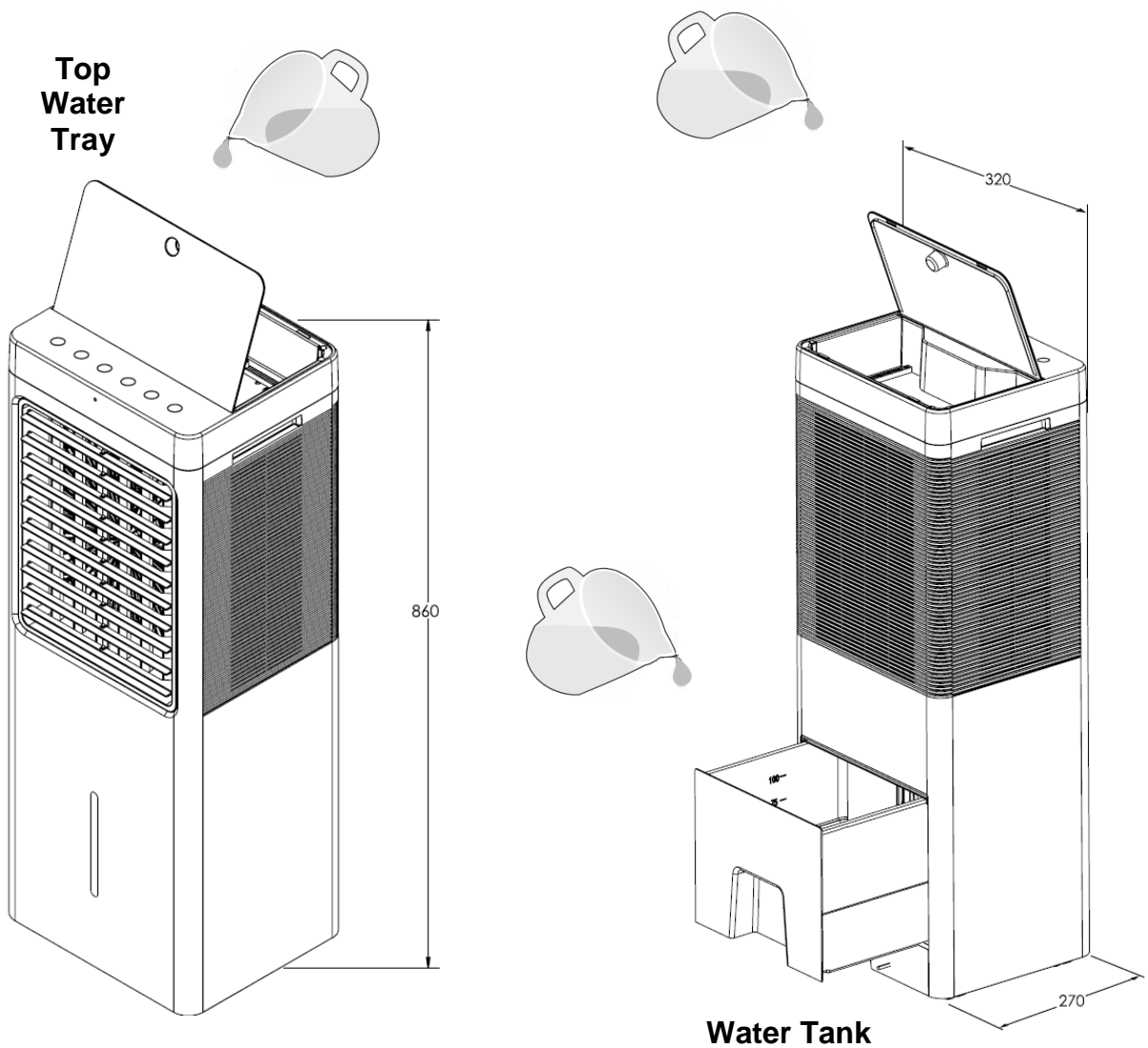
4. The Water Tank should be drained as follows:
 - Pull the Water Tank (found at the bottom and back of the appliance) halfway out.
 - Pull out the Drain Valve and wait until all water has flowed out of the Water Tank.
 - Put the Drain Valve back in.



Filling the Water Tank








5. The Water Tank should be re-filled with fresh, clean water frequently.
DO NOT fill the Water Tank with other liquids.

 - Put the frozen Ice Packs into the Water Tank.
 - Use a hose or the Water Container provided (or any clean container) to fill up the Water Tank or Top Water Tray with water until the orange water level indicator reaches the top of the Water Level scale (above the minimum and below the maximum levels of the tank).
 - Put the Top Water Tray back down (if lifted up).
 - Push the Water Tank back into the appliance.



To turn ON

6. Insert the plug of the power cable directly into the wall socket. Ensure that the plug fits tightly into the socket. Switch the socket switch ON.
7. What the Functions Buttons do:

Function	
ON/OFF	Press the ON/OFF Button  on the Control Panel / Remote Control once to turn the appliance ON (button illuminates Blue light). Press again to turn the appliance OFF (button illuminates Red light).
SPEED	Press the SPEED Button on the Control Panel or the  Button on the Remote Control to adjust wind speed from Low → Medium → High → Turbo (button illuminates beside the current wind speed).
TIMER	Press the TIMER Button on the Control Panel or the  Button on the Remote Control to set the Timer to cease operations in 1, 2, 4 or 8 hours' time (button illuminates). When the time has elapsed, the appliance shuts off.
ANION	Press the ANION Button ( on the Control Panel or  on the Remote Control) once to turn the ANION mode of the air purifier ON (button illuminates). Press again to turn the ANION mode of the air purifier OFF (button stops illuminating).
SWING	Press the SWING Button  on the Control Panel / Remote Control once to keep the vertical front grill swinging from side to side continuously (button illuminates). Press again to stop the vertical front grill from swinging from side to side (button stops illuminating).
COOL	Press the COOL Button  on the Control Panel / Remote Control once to enter the COOL mode (button illuminates). Press again to exit the COOL mode (button stops illuminating).

8. The COOL mode is activated, the Water Pump in the Water Tank pumps water to saturate the three Cooling Pads (left, right & back). Air which flows through the Cooling Pads lose heat to the water and exit at a slightly lower temperature. Thus a decrease in temperature occurs; the exact decrease depends on the relative humidity and air temperature. If the button is pressed when the Speed is high, the fan speed will drop to its lowest speed for 30 seconds before resuming normal operations.

To turn OFF

9. Press the ON/OFF Button on the Control Panel / Remote Control once to turn the appliance OFF.
10. Switch the socket switch OFF and detach the plug from the socket on the wall.

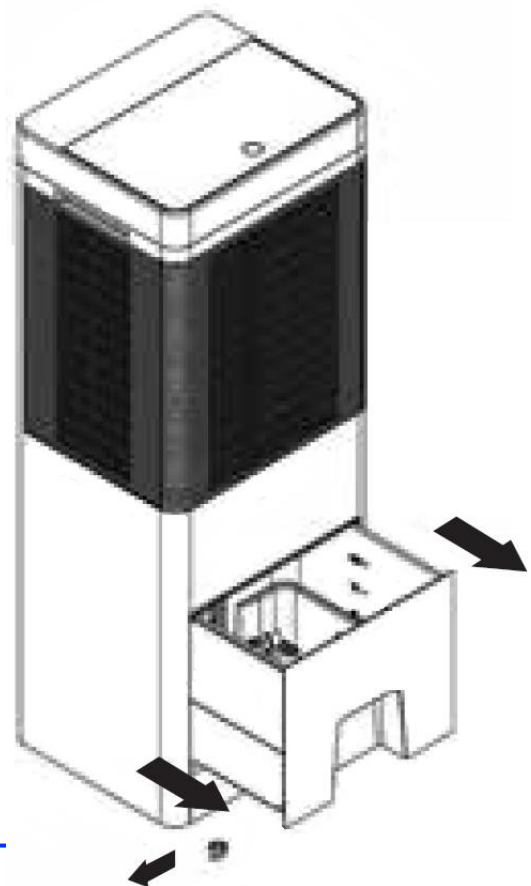
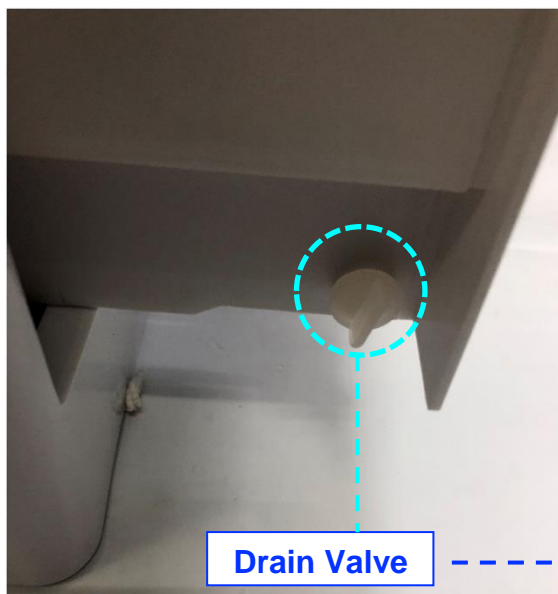
HOW TO CLEAN

1. Switch the appliance OFF. Wait for the appliance to cool down completely.
2. Clean the exterior parts of the appliance thoroughly with warm water & detergent with a non-abrasive sponge and wipe dry. Take special care that the Control Panel found at the top of the appliance is kept dry and that the Motor Unit DOES NOT come into contact with water.

DO NOT use metal scouring pads.

DO NOT use any of the following agents as a cleaner: gasoline, thinners, or benzene.

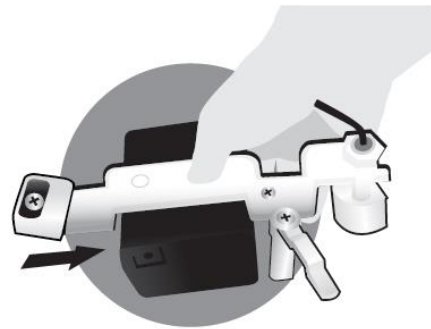
3. Pull the Water Tank (at the bottom and back of the appliance) halfway out..
 - a. Pull out the Drain Valve and wait until all water has flowed out of the Water Tank.



b. Unlock the Water Pump.

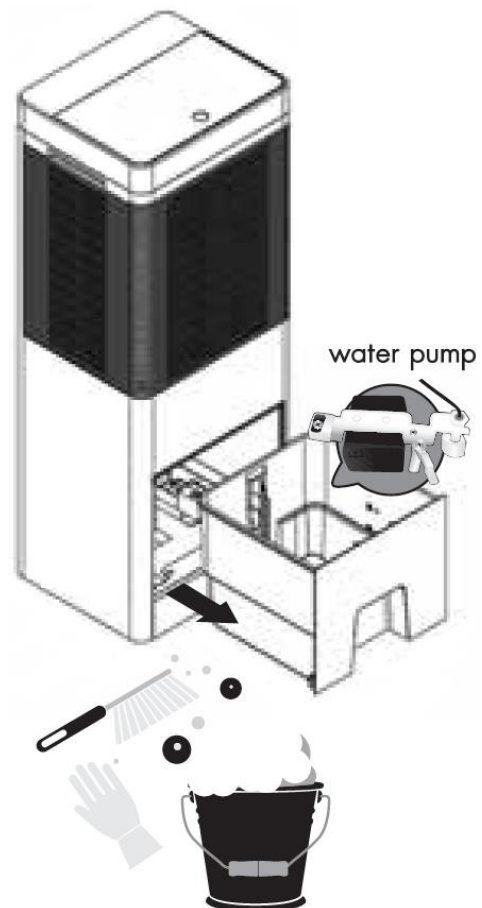


c. Pull out the Water Pump and wash it.



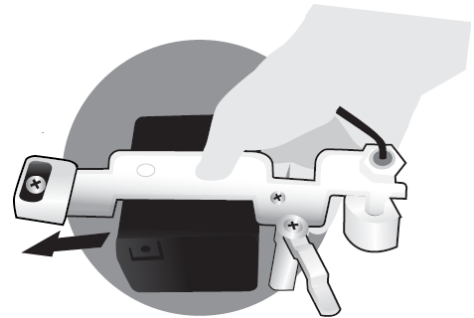
d. Remove the Water Tank from the appliance completely.

e. Clean the Water Tank with damp cloth moistened with warm water & detergent with a non-abrasive sponge. DO NOT use metal scouring pads.



f. Push the Water Tank back halfway into the appliance.

g. Put the Water Pump back into the Water Tank.



h. Lock the Water Pump.



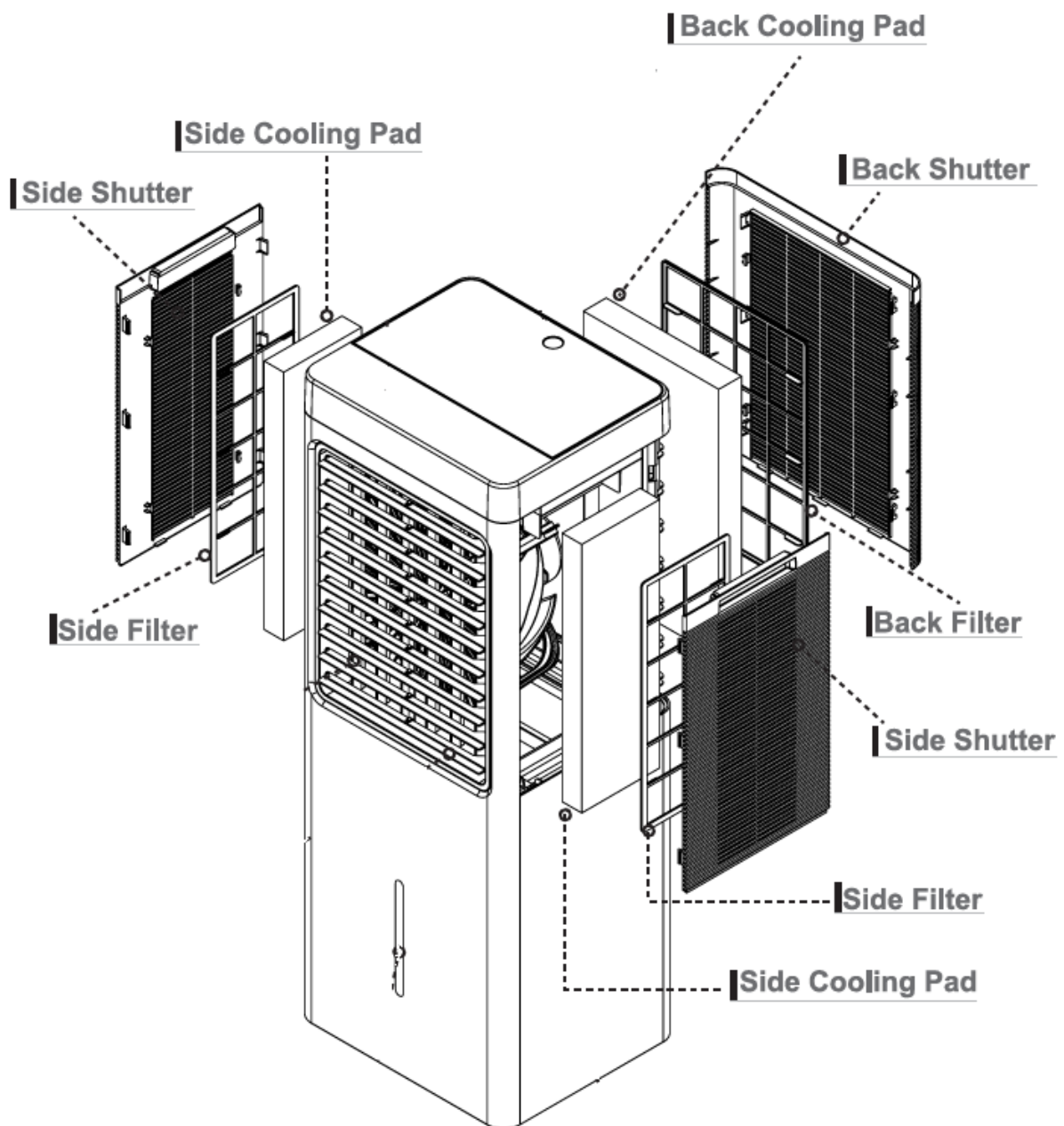
i. Put the Drain Valve back in.

j. (Put the frozen Ice Packs into the Water Tank only if you intend to use the appliance immediately as an Air Cooler in COOL mode after cleaning the appliance)

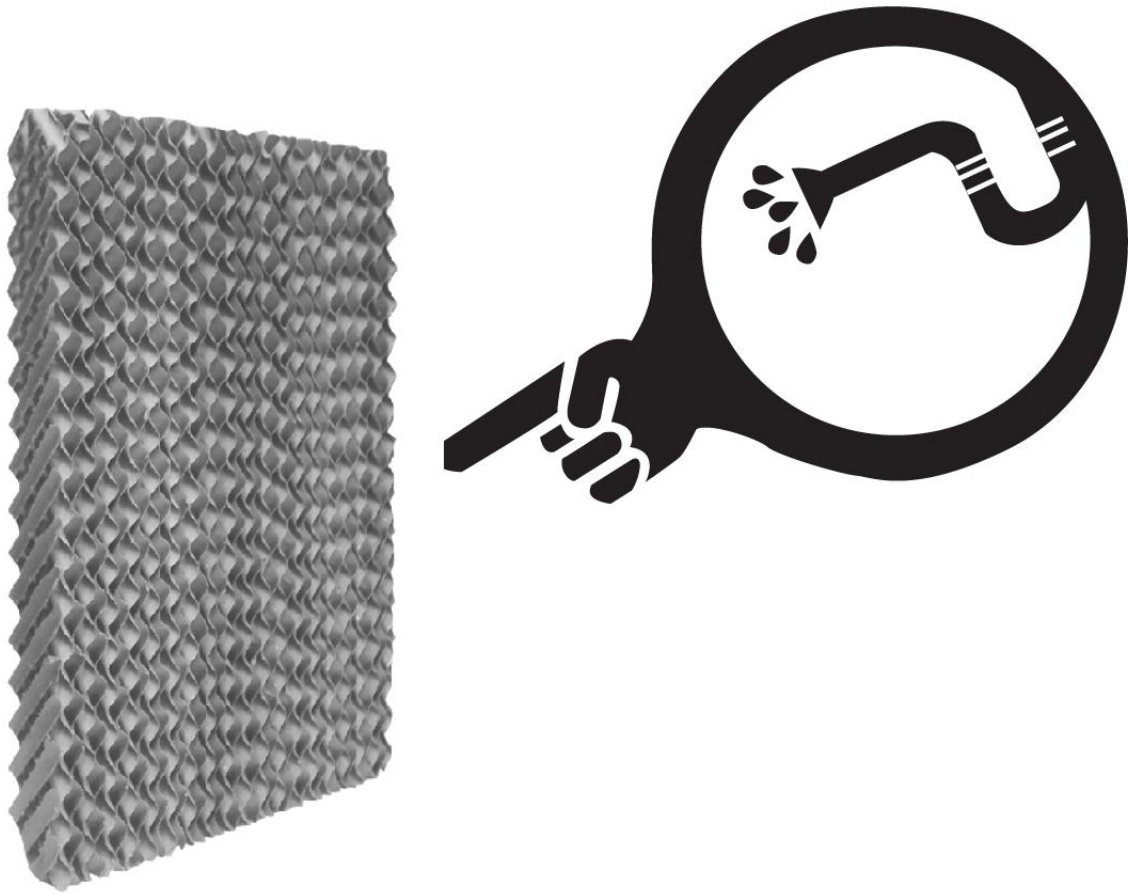
k. Use a hose or the Water Container provided (or any clean container) to fill up the Water Tank or Top Water Tray with water until the orange water level indicator reaches the top of the Water Level scale (above the minimum and below the maximum levels of the tank. DO NOT fill the Water Tank with other liquids.

l. Push the Water Tank completely into the appliance.

4. Remove the Left Side Shutter on the left of the appliance. The Left Side Dust Filter attached to the Left Side Shutter can be detached. Then remove the Left Cooling Pad.
5. Remove the Right Side Shutter on the right of the appliance. The Right Side Dust Filter attached to the Right Side Shutter can be detached. Then remove the Right Cooling Pad.
6. Remove the Back Shutter on the back of the appliance. The Back Dust Filter attached to the Back Shutter can be detached. Then remove the Back Cooling Pad.



7. Clean the Dust Filters, Cooling Pads and Shutters under running water. Let the components air-dry before replacing them in their respective positions on the appliance.



8. Use a vacuum cleaner to suck up dirt from the Air Inlet and Air Outlet and around the Motor Unit periodically, based on the frequency of use and the air quality of the environment.

Dust (including smoke residue, hair, fur/feathers from pets, fibres from clothes, towels, curtains and carpets, etc.) can collect on the Grills, Fan blades and inside the Motor Unit. If not removed, it can build-up over months or years.

During normal operation, the Motor will become hot and this is normal. If not removed, dust can be a fire hazard.

PROBLEM SOLVING

Fault symptom	Cause analysis	Troubleshooting
The appliance does not respond when any of the buttons are pressed.	The power cable could be damaged.	Please stop use and contact customer service.
	AC fuse could be damaged or the circuit stops functioning to prevent overload.	Replace the fuse or restart the unit. If problems persist, please stop use and contact customer service.
	Remote Control or Control Panel could be damaged.	Contact customer service to replace the Remote Control or to repair the Control Panel.
	Remote Control batteries have run out.	Replace the Remote Control batteries.
No air flows out of the appliance while the appliance is operating.	The motor could be damaged.	Please stop use and contact customer service.
	The wiring within the motor or appliance could have loosened.	Please stop use and contact customer service.
	Thermal protection inside the motor has been activated as appliance was used for longer than 6 hours.	<p>Please switch the appliance off, unplug from the wall socket and wait for the appliance to cool down completely before attempting to operate the appliance again.</p> <p>If the appliance still does not operate normally, please stop use and contact customer service.</p>

Fault symptom	Cause analysis	Troubleshooting
<p>The appliance functions, but the air coming out is not cool enough.</p>	<p>The Cooling Pad is dry or contains an insufficient amount of water due to either insufficient amount of water in the Water Tank or that the Water Pump is not functioning.</p>	<p>Clean the Water Tank and replace the water in the Water Tank. Clean the Water Hose. Remove dirt from the Water Pump's strainer. Check that the Water Pump is functioning normally. If the Water Pump is not, please stop use and contact customer service.</p>
	<p>The Dust Filter and/or Cooling Pad are clogged with dust or dirt.</p>	<p>Clean or replace the Dust Filter and/or Cooling Pad.</p>
	<p>Excessive high relative humidity in the room due to environmental factors (of which nothing can be done) or that the appliance has been turned on in its current cycle that the room has been saturated with moisture (saturated vapour pressure of water vapour is at maximum) so much so that the appliance is unable to lower the temperature of the room.</p>	<p>Turn the COOL mode off to avoid releasing more moisture into the room.</p>
<p>Water is spurting out from the air inlet together with air.</p>	<p>The Cooling Pad has strayed out of position or that the Water Tank is clogged with debris.</p>	<p>Place the Cooling Pad in the correct position.</p>
		<p>Clean the Water Tank and replace the water in the Water Tank. Just in case that debris has entered the system, clean the Water Hose and the Water Pump's strainer.</p>

Fault symptom	Cause analysis	Troubleshooting
<p>White sediments in the Water Tank.</p>	<p>The water in the Water Tank is saturated with salt.</p>	<p>As water is continually removed from the Water Tank, various salts are left behind, which in time become saturated and exceed their Solubility Product values (K_{sp}).</p> <p>This is normal. Clean the Water Tank and replace the water in the Water Tank. Clean the Water Hose.</p>
<p>Undesirable odour emitted.</p>	<p>The unit is placed in an environment where undesirable odours are prevalent or that algae or mould is growing on the Cooling Pads or in the Water Tank.</p>	<p>Clean the Cooling Pad or Water Tank and replace the water in the Water Tank.</p>
<p>The appliance is overheating. There are sparks coming from the outlet when the appliance is plugged in.</p>	<p>This could be caused by a blockage of hair, dust or some other obstruction in the Air Inlet.</p>	<p>Power off the dryer and unplug it from the power source.</p> <p>Use a soft bristle brush to gently remove any lint or hair present from both the Air Inlet and its cover.</p> <p>If this does not fix the problem, please contact customer service.</p>

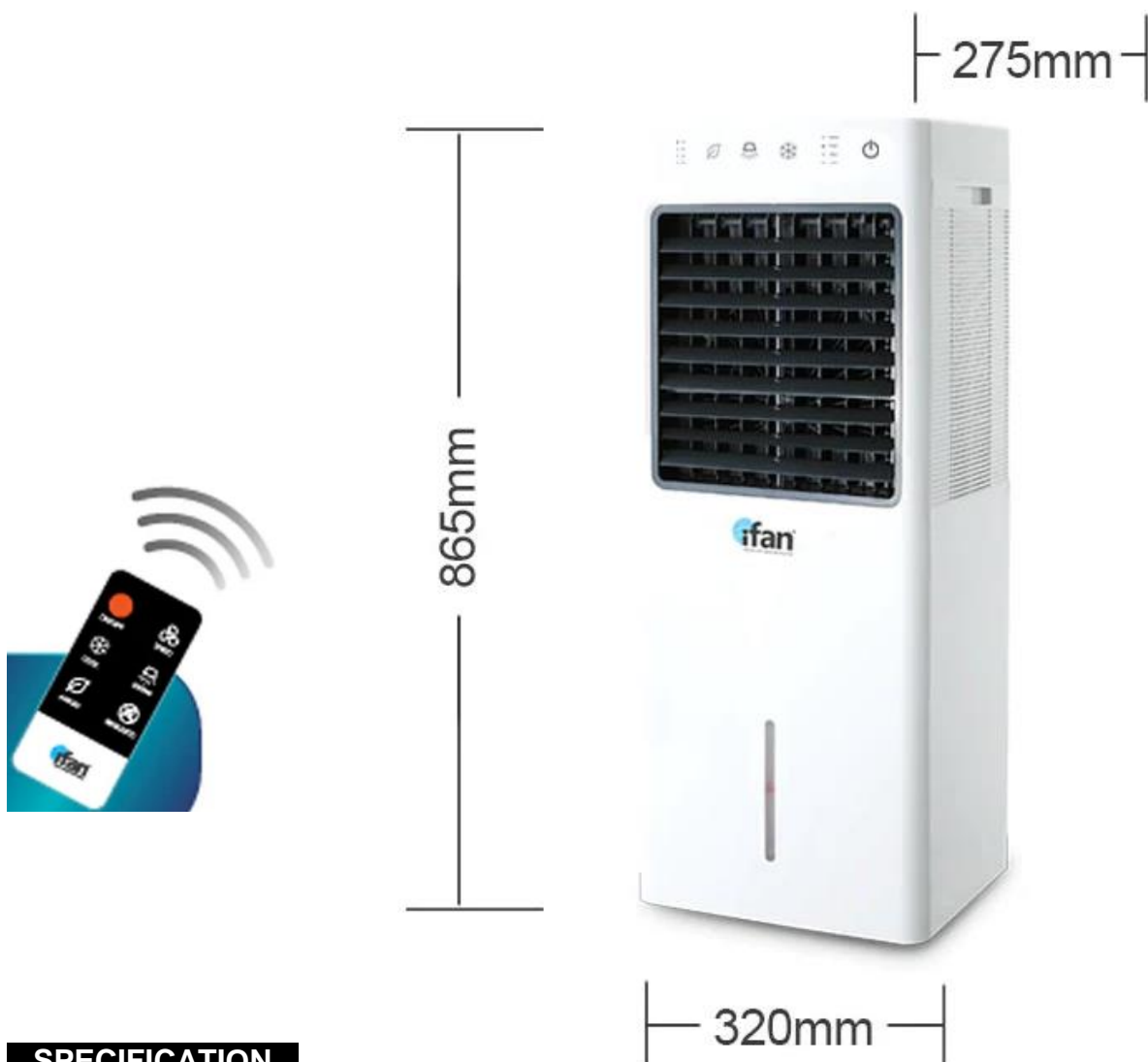
ENVIRONMENTAL TIP

This appliance, along with all other electronic appliances, should, when it is no longer capable of functioning, be disposed with the least possible environmental damage according to the local regulations in your area. In most cases you can discard the appliance at your local recycling centre.

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Risk of child or animal entrapment

Before you discard this appliance, please remove all doors and leave the Water Tank and Filter inside so that children or animals may not easily get trapped inside.



SPECIFICATION

MODEL	VOLTAGE	POWER
IF7880	220 – 240 V ~50 – 60Hz	80 W

WARRANTY

Warranty Conditions

1. This warranty provides against defective materials and manufacturing faults throughout for two years from the date of purchase of the appliance.
2. This warranty also does not cover normal wear and tear, replacement of consumable materials and accessories, and the cost of maintenance of the appliance.
3. This warranty does not cover the repair or replacement of part/s damaged by misuse, accidents, negligence, alterations, or modifications in any way, or repairs done by any repair organisation without the prior consent of PowerPac Electrical Pte Ltd.
4. Repair and service are to be performed at: 5 Changi South Lane #03-01 Singapore 486045. A transport fee will be charged for personal doorstep service.
5. The original purchaser of the appliance must furnish proof of purchase to our Service Centre with the email or number as registered during submission of warranty when this appliance is sent for repair/service. Failure to do so may delay the receipt of said repair/service by the customer.
6. Under no circumstances whatsoever shall the serial number be erased, defaced or altered by the customer and/or his representatives, or the dealer and/or his agents. Failure to ensure this shall invalidate the warranty.
7. This warranty is deemed to be void if the defect is cause by the attack of household pests, fire, lightning, natural disasters, pollution, abnormal voltage or the usage of generators.
8. This warranty is valid in Singapore only.
9. This warranty will be honoured subject to the customer's registration of the warranty inclusive of original invoice or valid purchase receipt. Failure to present these documents will result in denial of service. However, if the customer still requests that the defective appliance be repaired, PowerPac Electrical Pte Ltd may, at its discretion, repair the appliance but impose a labour charge, as well as the costs of the replacement parts, to be borne solely by the customer.
10. Please refer to the attached picture for the location of one of our appliance's serial number, as an example.



Please complete the on-line registration warranty form available on our website. There is no further requirement to send us any hard copy as part of our efforts to save the environment.

In accordance with the terms and conditions of this limited warranty as stated above, PowerPac Electrical Pte Ltd, at its expense shall provide free services for the appliance within the warranty period from its date of purchase from our Authorised dealers.