

OZOFRESHTM AURA

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EN Operation & Installation Manual



290-083-00D



Model No. OZOFRESH AURA OZO-0008

Dimensions: 210 x 135 x 85 mm

Weight: 1 Kg (approx)

Electrical: 100-240V 50/60 Hz
Power 14 W

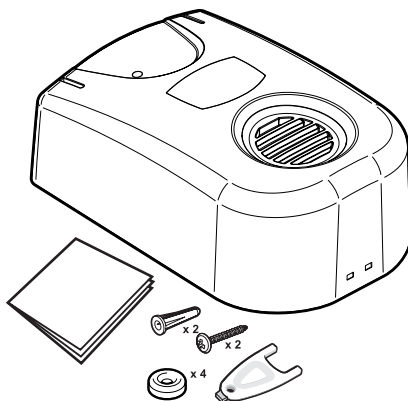
Case: Flame retardant ABS

Ozone Output: 2 – 80 mg/hr (+/- 20%)

Min	= 2 mg/hr
Low	= 15 mg/hr
Med	= 40 mg/hr
High	= 80 mg/hr



Read all the instructions before using this product. Save these Instructions



IMPORTANT SAFETY INSTRUCTIONS

1. Excessive amounts of ozone may cause irritation to the mucous membranes and should be avoided. If you require a safety data sheet or more information please contact your supplier..
2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the appliance.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. Where the unit is required to be installed in occupied areas such as bedrooms, offices, common rooms etc. the OZOFRESH AURA should be installed and programmed to operate at time periods of minimal occupancy
6. Do not disassemble this product; take it to an authorized serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire and will invalidate the product warranty
7. When wall mounted, the unit must be secured using the stainless steel screws provided.



SELECTING A SUITABLE LOCATION

Use the following guidelines when selecting a suitable location for the unit.

- The ozone output cannot be directly inhaled.
- Air can circulate around and through the unit.
- It cannot be covered accidentally.
- There is no risk of water splashing on it.
- Children and pets cannot reach it.
- It is away from extract ventilation.
- It is not near natural rubber products.
- It is not installed over washbasins.
- It is not installed over urinals.
- It is not installed below pipe work
- It is not touching the ceiling. Must be at least 30 cm (12" below ceiling height).



When wall mounted, the unit must be secured using the stainless steel screws provided.

- In portable applications it is on a firm, smooth, flat surface.

INSTALLATION

The unit must be installed and connected to a suitable mains supply in the range 100V to 240V 50/60 Hz by a qualified electrician in accordance with current IEE Wiring Regulations or where these do not apply, relevant Local Wiring Regulations. The unit may either be plugged into a suitably located mains socket or connected to a 2-pole spur, fused at 5A, and fitted with a 2-pole isolator, if the existing mains plug is removed from the power lead. When connecting the mains lead note the colours of the power lead conductors are as follows:

LIVE - BROWN
NEUTRAL - BLUE

The unit is double insulated and does not require an earth connection.



OUTPUT SETTINGS

The output chart below is applicable for the following countries: UK, France, Italy, Spain, Finland, Belgium, Greece, Portugal, Czech, Latvia, Lithuania, Malta, Romania, Slovenia and Austria. For other countries see the sizing charts at the end of these instructions.

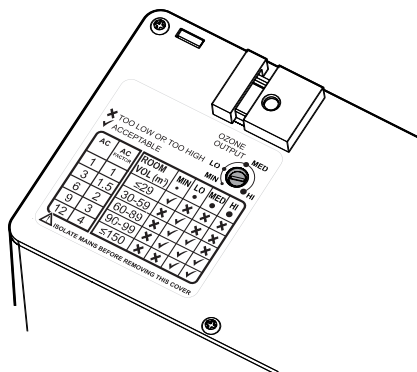
To adjust, switch off the power, open outer cover using key provided. Using the edge of the key, rotate "Ozone Output" control to the required setting for the theoretical room size as indicated in the chart below. The theoretical room volume is obtained by multiplying the actual room volume by the AC Factor.

Example:

- Actual Room Volume = 28 m³, No. of Air Changes per hour = 6.
- 6 Air Changes per hour the AC Factor = 2
- Theoretical Room Volume = 28 x 2 = 56m³ therefore use line 30–59 (Set the unit output to Low).

✗ TOO LOW OR TOO HIGH
✓ ACCEPTABLE

AC	AC FACTOR	ROOM VOL (m ³)	MIN	LO	MED	HI
1	1	≤29	✓	✗	✗	✗
3	1.5	30-59	✗	✓	✗	✗
6	2	60-89	✗	✓	✓	✗
9	3	90-99	✗	✓	✓	✓
12	4	≤150	✗	✗	✓	✓



The actual ozone level reached in a room will depend on the room size, temperature, humidity, the number of air changes, the operating time and the output setting. Using these setting guidelines ensures that the ozone level does not exceed the EU normal workplace levels of 0.1 ppm (in other countries different levels may apply).

If you require a safety data sheet or more information please contact your supplier.



 Once the room volume and correct output settings have been calculated they should be recorded on the adhesive label provided. The completed label should then be adhered to an easily readable surface on the product so the output settings can be checked when the unit is being serviced.

SERVICING AND MAINTENANCE

Although the OZOFRESH AURA requires only minimal routine servicing it is important that the unit is maintained in accordance with these instructions in order to ensure optimum performance. Failure to service in accordance with these instructions may invalidate the product warranty.

Servicing should be undertaken by a competent person. At each routine service the following should be performed:

- Replace the ceramic plate.
- Check fan for function and replace if damaged or not rotating freely.
- If an optional Fan Filter is fitted, check the filter and replace if dirty.
- Clean the interior and exterior of the unit and remove any build up of contaminants within the unit as described in Servicing (Pg. 7)

SERVICE FREQUENCY REQUIREMENT

Service intervals should be ideally every 3 months in optimum conditions. In environments that are damp, dusty or polluted or in which contaminant build up is accelerated the service frequency will need to be increased. It is the responsibility of the owner/user of the equipment to establish the appropriate service frequency in each individual location.

The first service should be carried out after no more than 3 months to ensure that subsequent service intervals match site conditions.

AVAILABLE SPARE PARTS

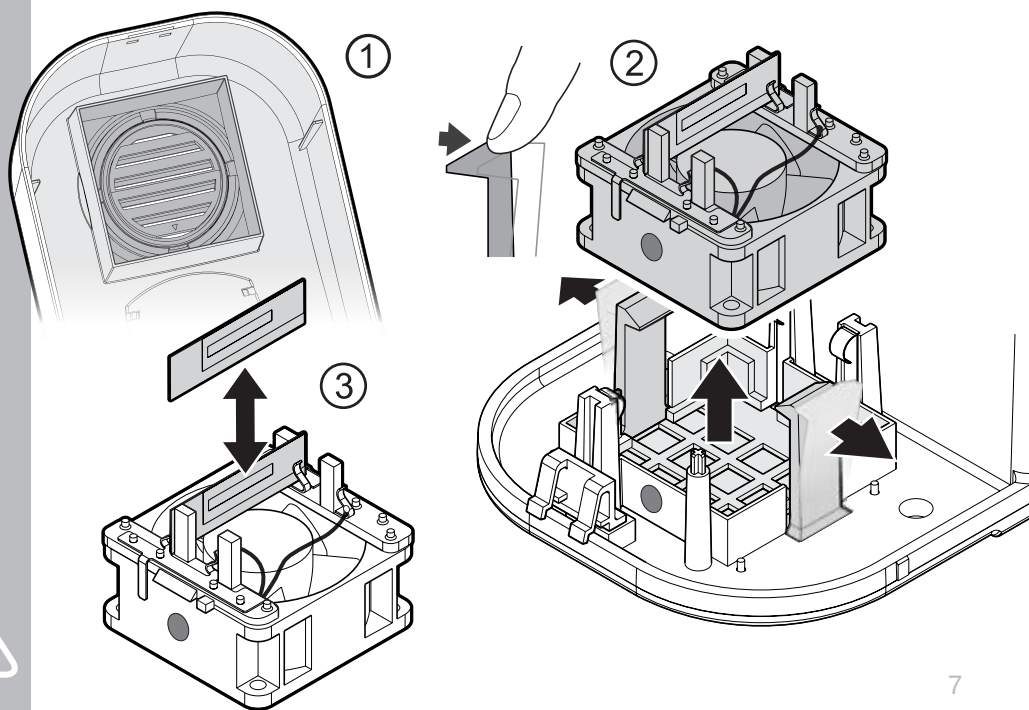
The following spare parts are available from your supplier:

Ceramic Plate	Part No.: PROZPLAT
Fan Assembly	Part No.: PROZFANA
Alcohol Wipe	Part No.: PROZWIPE
White Grill	Part No.: PROZGRILLW
Chrome Grill	Part No.: PROZGRILLC



SERVICING - CERAMIC PLATE / FAN REPLACEMENT

- 1 Switch off the electrical supply and open the cover by using the key provided. Raise the cover to the parked position.
- 2 Check the overall condition inside the unit and remove any debris, use a cleaning wipe (Pt. No. PROZWIPE) to clean highlighted surfaces (1) ensuring that all deposits are removed.
- 3 Remove the fan by pressing on the two plastic retaining clips (2). **It is recommended that the fan assembly be replaced annually.**
- 4 Remove the old ceramic plate and clean the fan module (3). **It is recommended that the ceramic plate be replaced every 6 months.**
- 5 Fit a new ceramic plate ensuring that the orientation of the plate is correct (3).
- 6 Refit the fan module into the cover assembly ensuring correct orientation - green marker on unit to green marker on fan assembly (2). Close the cover, the cover will lock automatically.



FAULT FINDING

In order for the unit to operate it must be connected to a supply and the front cover must be in the closed locked position.

In order for the OZOFRESH AURA (Product code: OZO-0008) to operate its internal battery must contain some charge. If the unit has been out of service for some time its internal battery may be discharged. Unlock the front cover and observe the LCD display of the Timer. If the LCD is blank this indicates that the internal battery is discharged. If so connect the unit to a supply and, **with the front cover closed**, allow 15 minutes for the battery to receive some charge and check that characters are visible on the LCD. It may be necessary to press the small round reset button (see page 14).

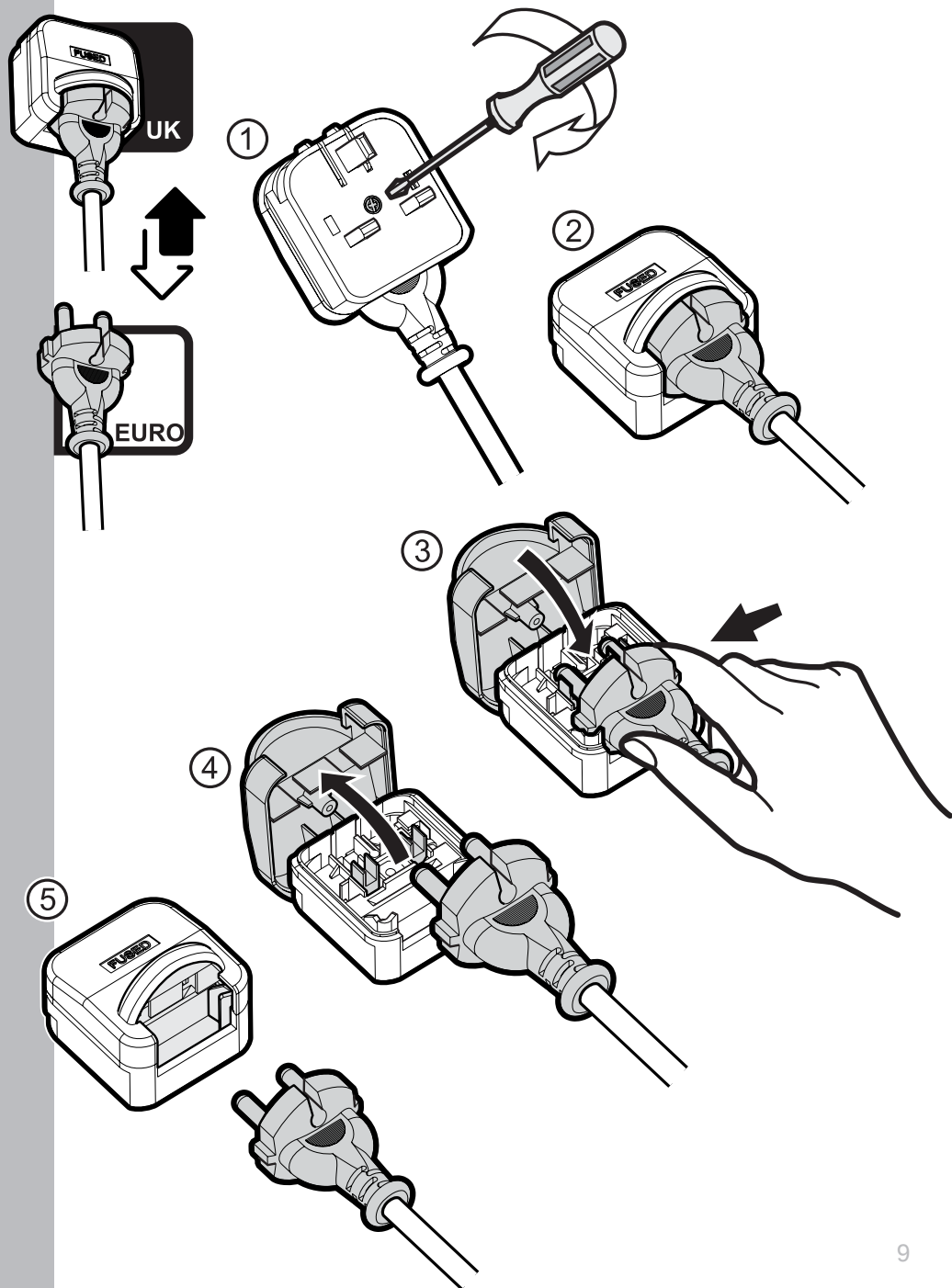
Diagnostic Procedure

1. Check that the green indicator on the front cover of the unit is illuminated. If not check that the switch on the wall outlet or switched spur, is switched on.
2. If the green indicator is not illuminated as step 1 above check the fuse in the plug or fused spur. In the UK the fuse fitted to the plug adaptor must be approved to BS 1632 and rated 5 A.
3. The generation of ozone is controlled by the Timer. The unit will only generate ozone if commanded by the Timer. See section 'Setting a Timer Program' on page 12 and check that the timer is enabling ozone generation.
4. Switch off the electrical supply, unlock and lift the cover.
5. Check the fan assembly is properly located (Fig. 2 - Page 7).
6. Check the ceramic plate is properly fitted in the fan assembly with the correct orientation and that electrical contact is made by the spring contacts (Fig. 3 - Page 7).
7. Close cover and switch on the electrical supply. Check that the fan is working and that the ceramic plate is operating, i.e., that a light blue corona discharge can be seen on the plate.
8. If the fault cannot be located return the product to your supplier.



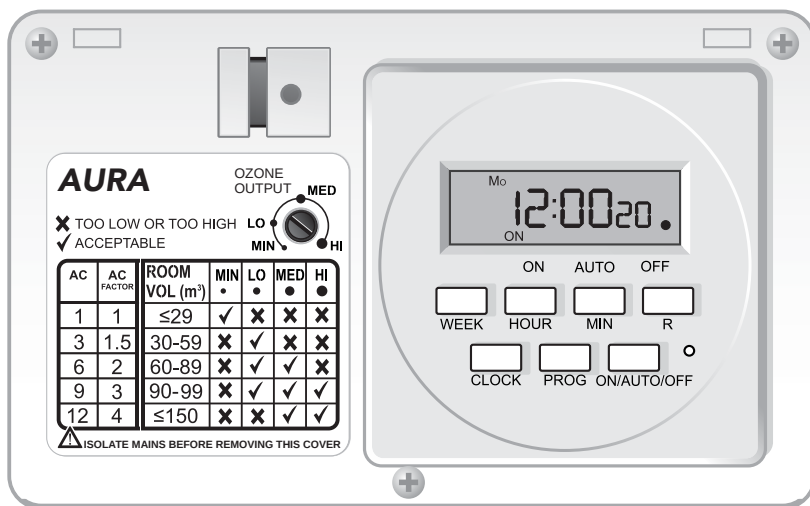
PLUG ADAPTER (EU OR UK)

Follow the instructions below to fit or remove the EU to UK plug adapter.

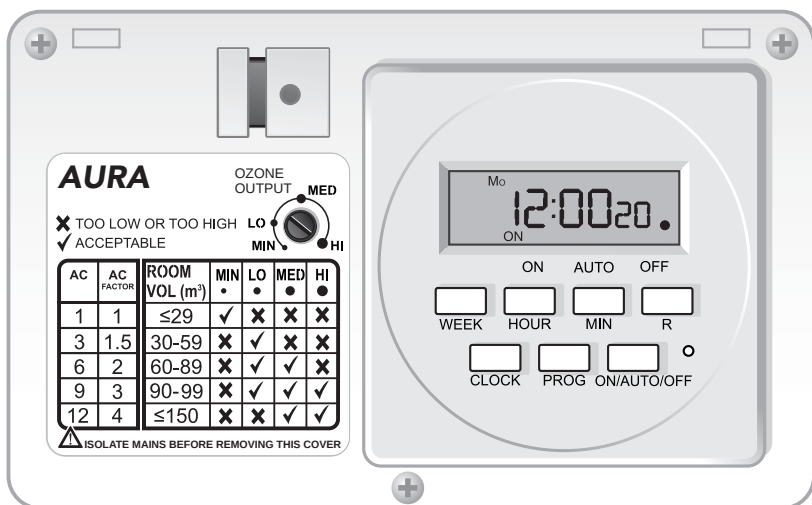


Please read the full instruction manual before using the below product.

The OZOFRESH AURA (Product code: OZO-0008)



Unit has an integral timer. The timer has the facility for 8 programmes a day or group of days. A programme is a pair of on/off settings that will dictate when the AURA will switch on and off.



Before use, the present time must be set as follows:

SETTING THE CURRENT TIME AND DAY

- 1 Press 'CLOCK' and 'HOUR' at the same time for setting



- 2 Press 'CLOCK' and 'MIN' at the same time for setting the minute.



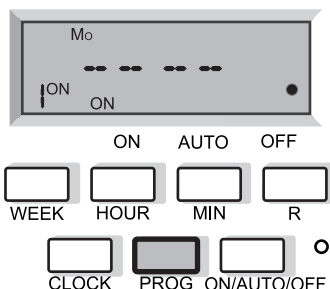
- 3 Press 'CLOCK' and 'WEEK' at the same time for setting the day.



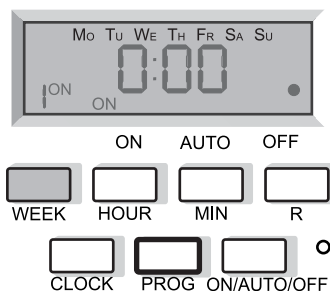
You can set up to eight timer settings (on and off) in one day or group of days. This will give you the same on and off times every day in that group. Alternatively you can have one different on and off time for every day of the week

SETTING A TIMER PROGRAM

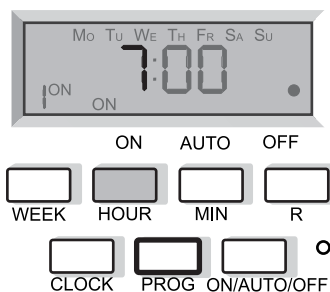
- 4 Press 'PROG' to enter into the setting mode. The display will show '1 on'.



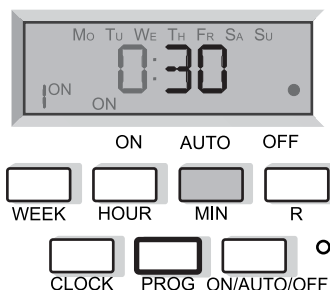
- 5 Press 'WEEK' to scroll through the individual days and combination groups of days.



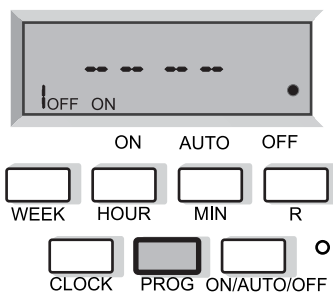
- 6 Then press 'HOUR' to set the hour for the timer to switch on.



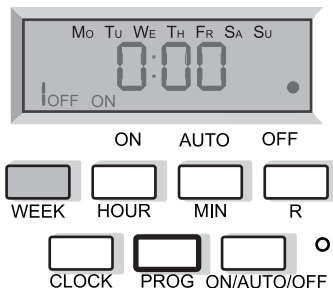
- 7 Then press 'MIN' to set the minutes for the timer to switch on.



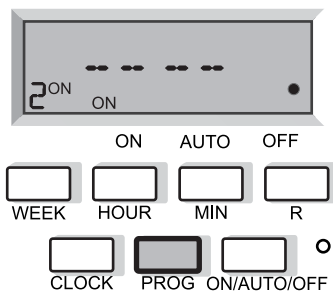
- 8 Press 'PROG' again for setting the off time. The display will show '1 off'.



- 9 Repeat stages 5,6 & 7 to set the off time. (Select the same 'WEEK' setting as in 5).



- 10 Press 'PROG' again to enter into the second on/off mode. Repeat stages 4 to 9 for setting all eight programs if required.



-  During the program setting mode pressing 'R' will cancel the setting. Pressing 'R' again will recall the previous setting.

TIMER ON/OFF/AUTO MODE

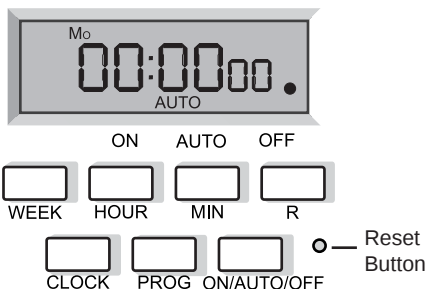
Pressing the 'ON/AUTO/OFF' will show either 'ON', 'AUTO' or 'OFF' in the display.

- ON** unit permanently ON
(no timer settings)
- OFF** unit permanently OFF
(no timer settings)
- AUTO** timer settings ON



Notes

- 1 The timer module fitted in the OZOFRESH AURA (Product code: OZO-0008) is fitted with a rechargeable back-up battery that will maintain the time and any programmes for up to 30 days without external power. If the unit is left disconnected from the electrical supply for more than 30 days the time and any programmes will be lost. Should this occur simply reconnect the power supply and close the cover for the battery to recover its charge, press the reset button & reset the time and reprogram. Recharge can take up to 15 minutes.
- 2 The timer has the facility for 8 programmes a day or group of days. A programme is a pair of on/off settings that will dictate when the Aura will switch on and off.
- 3 The tolerance of the timer is 2 minutes per month.
- 4 The timer has a 24 hour display.
- 5 When setting ON / AUTO / OFF it must be done in this sequence: ON - AUTO -OFF. If 'AUTO' is set after 'OFF' the unit will not function. If you have any difficulty or queries regarding the timer please contact your supplier.



Sizing Chart: The Netherlands, Hungary and Denmark Germany, Luxembourg and Cyprus.

✗ TOO LOW OR TOO HIGH
✓ ACCEPTABLE

AC	AC FACTOR	ROOM VOL (m ³)	MIN	LO	MED	HI
1	1		•	•	•	•
3	1.5	≤19	✓	✗	✗	✗
6	2	20-89	✗	✓	✗	✗
9	3	90-99	✗	✓	✓	✓
12	4	≤150	✗	✗	✓	✓



Sizing Chart: Poland

✗ TOO LOW OR TOO HIGH
✓ ACCEPTABLE

AC	AC FACTOR	ROOM VOL (m³)	MIN •	LO •	MED •	HI •
1	1	<10	✓	✗	✗	✗
3	1.5	10-19	✓	✓	✗	✗
6	2	20-59	✗	✓	✗	✗
9	3	60-89	✗	✓	✓	✗
12	4	≤150	✗	✗	✓	✓

OZOFRESH™



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