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READ AND SAVE THESE INSTRUCTIONS

1. IMPORTANT SAFETY INSTRUCTIONS



READ AND SAVE THESE INSTRUCTIONS – Your safety and the safety of others are very important. We have provided many important safety messages throughout this manual and on the appliance. Read all the instructions before using the appliance and always obey all safety messages.



RECOGNIZE SAFETY INFORMATION

This is the safety alert symbol. This symbol alerts you to potential hazards that can result in severe personal injury or loss of life.

UNDERSTAND SIGNAL WORDS

A signal word – DANGER, WARNING, or CAUTION – is used with the safety alert symbol. DANGER denotes the most serious hazards. It means you could lose your life or be seriously injured if you do not immediately follow the instructions. WARNING means you could lose your life or be seriously injured if the instructions are not followed. CAUTION indicates a potentially hazardous situation which, if not avoided, could result in minor to moderate injury.



WARNING

- This appliance is intended for household use only.
- Use this appliance only for its intended purpose. The manufacturer cannot be held liable for damage caused by improper use of this appliance.
- Read all the instructions before installing or using the appliance for the first time.
- Keep these operating instructions in a safe place and pass them on to any future user.



READ ALL INSTRUCTIONS BEFORE USING THE HOUSE GARDEN



DANGER

To reduce the risk of electric shock:

- Always unplug this appliance from the electrical outlet before cleaning.

To reduce the risk of burns, fire, electric shock, or injury to persons:

- Unplug from outlet before putting on or taking off parts.
- Close supervision is necessary when this appliance is used by, or near children, invalids, or disabled persons.
- Use this appliance only for its intended use as described in these instructions. Do not perform attachments not recommended by the manufacturer.
- Never operate the appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the appliance to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Keep children away from extended foot support
- Do not place video equipment such as televisions or computer monitors on the house garden stand.



WARNING

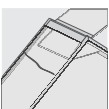


HOUSEHOLD HOME APPLIANCE FOR HOUSEHOLD USE ONLY.

THIS FURNISHING HAS NOT BEEN EVALUATED FOR FLAMMABILITY OR CIGARETTE IGNITION RESISTANCE.



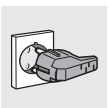
DO NOT ATTEMPT TO MOVE THE DEVICE BY PULLING ON THE HANDLES OF ITS SLIDING DOORS OR THE SLIDING TRAY SUPPORTS.



ON INSTALLATION, IF ANY MANUFACTURING DEFECTS OR DAMAGE CAUSED IN TRANSIT ARE NOTED, CALL YOUR NEAREST SERVICE CENTER.



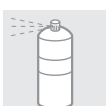
FOR INSTALLATION AND CONNECTION, FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL ONLY.



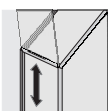
IN CASE OF MALFUNCTION, DISCONNECT THE APPLIANCE FROM THE POWER SUPPLY BY REMOVING THE PLUG, WITHOUT PULLING ON THE POWER SUPPLY LEAD.



ALL REPAIRS OR OTHER WORK NOT COVERED BY THIS MANUAL MUST BE CARRIED OUT BY A QUALIFIED ENGINEER, WHO CAN BE CONTACTED AT AN AUTHORIZED SERVICE CENTER.
NEVER ATTEMPT TO REPAIR THE APPLIANCE YOURSELF.



NEVER STORE SPRAY CANS CONTAINING FLAMMABLE GASES INSIDE THE APPLIANCE. ANY LEAKS MAY CONSTITUTE A SERIOUS THREAT TO USERS' SAFETY.



TO RAISE AND LOWER ITS SIDE WALLS, ALWAYS USE ONLY THE PROVIDED HANDLES **AND TAKE CARE NOT TO PLACE YOUR FINGERS ON THE APPLIANCE'S STEEL FRAME.**

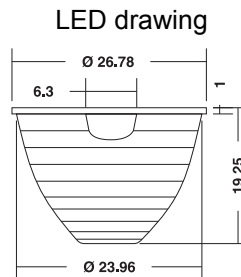
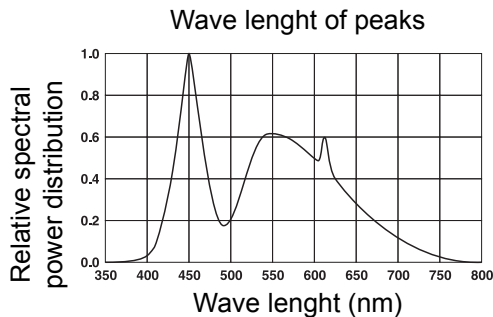


THE APPLIANCE PRIMARILY IS INTENDED FOR USE BY ADULTS. THIS APPLIANCE SHOULD BE USED BY CHILDREN OR INFIRM PERSONS ONLY UNDER ADULT SUPERVISION.



WARNING:

CLASS 1M LED LAMP (EN 60825-1:2003 - IEC 60825-1:1991 + A1:1997 + A2:2001 CONSOLIDATED EDITION 1.2) - DO NOT VIEW THE BEAM OF LIGHT EMITTED DIRECTLY THROUGH LENSES, GLASSES, ETC., OR AT DISTANCES OF LESS THAN 10 CM, SINCE THIS MAY BE DANGEROUS FOR THE EYES.



GIVEN THE SIZE OF THE GLASS SURFACES OF WHICH IT IS CONSTRUCTED, THE HOME GARDEN SHOULD BE INSTALLED AWAY FROM DOORS AND WINDOWS TO AVOID ACCIDENTAL COLLISIONS.

IT SHOULD BE PLACED ON A SUITABLE AND STABLE SURFACE, TO AVOID IT FALLING ACCIDENTALLY.

SAVE THESE INSTRUCTIONS

2. THE ENVIRONMENT - DISPOSAL INSTRUCTIONS

OUR HOME GARDENS ARE PACKAGED ONLY WITH NON-POLLUTANT, ENVIRONMENT-FRIENDLY, RECYCLABLE MATERIALS. WE URGE YOU TO COOPERATE BY DISPOSING OF THE PACKAGING PROPERLY. CONTACT YOUR LOCAL DEALER OR THE COMPETENT LOCAL ORGANIZATIONS FOR THE ADDRESSES OF COLLECTION, RECYCLING AND DISPOSAL FACILITIES.

NEVER LEAVE ALL OR PART OF THE PACKAGING LYING AROUND: PACKAGING PARTS, AND ESPECIALLY PLASTIC BAGS, MAY REPRESENT A SUFFOCATION HAZARD FOR CHILDREN.

IMPORTANT: YOUR OLD APPLIANCE MUST ALSO BE DISPOSED OF PROPERLY.

DELIVER THE APPLIANCE TO YOUR LOCAL ORGANIZATION AUTHORIZED TO COLLECT SCRAPPED APPLIANCES. PROPER DISPOSAL ALLOWS THE INTELLIGENT RECOVERY OF VALUABLE MATERIALS.

BY LAW, APPLIANCES MUST ONLY BE DISPOSED OF AT SUITABLY EQUIPPED FACILITIES.

3. USER RECOMMENDATIONS



ELECTRICAL CONNECTION: SEE INSTALLATION INSTRUCTIONS FOR SAFETY REGULATIONS FOR ELECTRICAL APPLIANCES.

IN YOUR INTEREST AND TO ENSURE YOUR SAFETY, BY LAW ALL ELECTRIC APPLIANCES MUST ONLY BE INSTALLED AND SERVICED BY QUALIFIED STAFF, IN ACCORDANCE WITH THE RELEVANT REGULATIONS.

GAS OR ELECTRIC APPLIANCES MUST ALWAYS BE DISCONNECTED BY SUITABLY SKILLED PEOPLE.



THIS MANUAL CONSTITUTES AN INTEGRAL PART OF THE APPLIANCE: TAKE GOOD CARE OF IT AND KEEP IT TO HAND THROUGHOUT THE APPLIANCE'S LIFE CYCLE. **WE URGE YOU TO READ THIS MANUAL AND ALL THE INFORMATION IT CONTAINS CAREFULLY BEFORE USING THE APPLIANCE. INSTALLATION MUST BE CARRIED OUT IN COMPLIANCE WITH THE RELEVANT REGULATIONS.** THIS APPLIANCE IS INTENDED FOR HOUSEHOLD USE AND COMPLIES WITH THE **EEC DIRECTIVES** CURRENTLY IN FORCE. THE APPLIANCE IS BUILT TO PROVIDE THE FOLLOWING FUNCTION: **GROWING AND CARING FOR PLANTS IN A CONTROLLED ENVIRONMENT**; ANY OTHER USE OF THE APPLIANCE IS IMPROPER USE.

THE MANUFACTURER DECLINES ALL LIABILITY FOR USES OTHER THAN THOSE STATED ABOVE.



NEVER LEAVE PACKAGING RESIDUES UNATTENDED IN THE HOME. SEPARATE WASTE PACKAGING MATERIALS BY TYPE AND CONSIGN THEM TO THE NEAREST SEPARATE DISPOSAL CENTER.



NEVER OBSTRUCT THE OPENINGS AND SLITS PROVIDED FOR VENTILATION AND HEAT DISPERSAL.



THIS DOMESTIC HOME GARDEN IS DESIGNED FOR USE IN A CLOSED SPACE, SHELTERED FROM DIRECT SUNLIGHT.

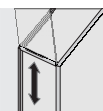


DO NOT INSTALL IT NEAR TO HEAT SOURCES.



THE REGISTRATION PLATE, WITH ITS TECHNICAL DATA, SERIAL NUMBER AND MARK IS POSITIONED PROMINENTLY ON THE BASE OF THE HOME GARDEN, AT THE END OF THIS MANUAL AND ON THE QUALITY CERTIFICATE.

THE REGISTRATION PLATE MUST NEVER BE REMOVED.



WE RECOMMEND OPENING THE HOME GARDEN FOR A FEW MINUTES EVERY DAY: A CHANGE OF AIR WILL PROMOTE GROWTH AND CARE OF THE PLANTS.

DO NOT OPEN THE APPLIANCE FREQUENTLY OR FOR LENGTHY PERIODS, AS THIS MAY CAUSE ALTERATIONS TO THE HOME GARDENS INTERNAL MICRO-CLIMATE, WHICH WILL RE-ESTABLISH ITSELF ONLY AFTER A CERTAIN TIME.



The manufacturer declines all responsibility for injury or damage caused by failure to comply with the above regulations or deriving from tampering with even just one part of the appliance and the use of non-original spare parts.

4. SUGGESTIONS



REMEMBER THAT PLANTS ARE LIVING ORGANISMS; THEY NEED CARE AND ATTENTION AND MAY SUCCUMB TO DISEASE AND DIE IF NEGLECTED.

OUR HOME GARDEN, IF USED CORRECTLY, WILL ALLOW YOUR PLANTS TO LIVE IN CONDITIONS SIMILAR TO THEIR NATURAL ENVIRONMENT. BUT THIS IS NOT IN ITSELF SUFFICIENT TO ENSURE THAT YOUR PLANTS GROW WITHOUT DISEASE.

YOU MUST ENSURE, FIRST OF ALL, THAT YOU CHOOSE GOOD QUALITY PLANTS, IN GOOD HEALTH AT THE TIME OF PURCHASE.

YOU MUST THEN CHOOSE THE SOIL WITH CARE, FOLLOWING THE RECOMMENDATIONS OF YOUR GARDEN CENTER, AND REGULARLY IRRIGATE, MANURE, TRIM THEM, AND CLEAN THEIR LEAVES, AND TAKE ALL THE FURTHER MEASURES NECESSARY FOR THEIR CARE.

THESE MEASURES ARE NOT RENDERED UNNECESSARY BY THE USE OF OUR PRODUCT, BUT ARE INDISPENSABLE FOR HEALTHY GROWTH OF YOUR PLANTS IN THE DOMESTIC ENVIRONMENT.

THE HOME GARDEN'S MICRO-CLIMATE MUST BE CONSIDERED DYNAMIC, DUE TO ITS SMALL SIZE. THE ENVIRONMENTAL PARAMETERS OF TEMPERATURE, HUMIDITY AND LIGHTING MUST BE KEPT WITHIN OPTIMAL SETTINGS AND SMALL DISTURBANCES MAY BE CAUSED BOTH BY THE USER AND BY THE EXTERNAL ENVIRONMENT, TO WHICH THE HOME GARDEN IS ALWAYS AND NEVERTHELESS CONNECTED.

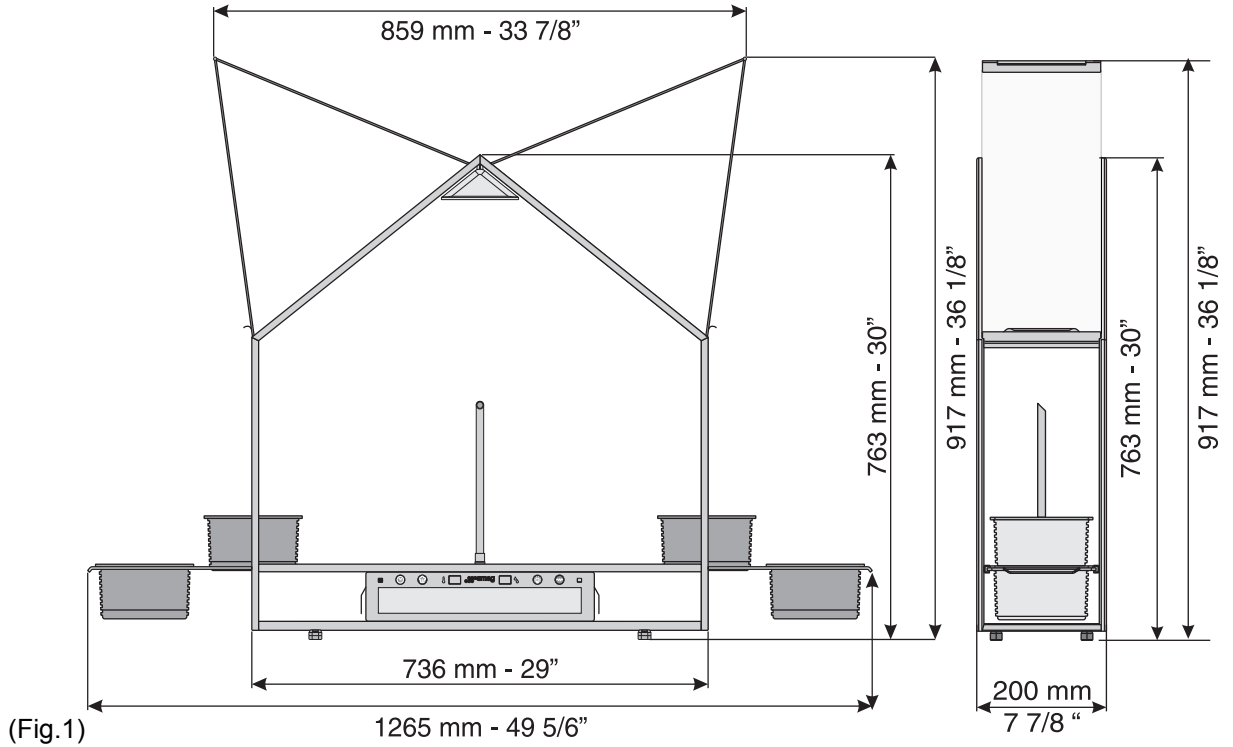
THUS, EVEN VARIATIONS IN THE ABOVE PARAMETERS, WHICH CAN BE CAUSED BY PLACING THE HOME GARDEN IN DIFFERENT LOCATIONS, ARE TO BE CONSIDERED NORMAL.

5. INSTALLATION AND CONNECTION

5.1 Overall dimensions

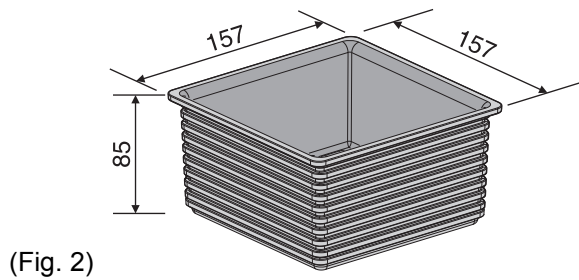
5.1.1 Home Garden's overall dimensions

The drawing below shows the Home Garden's maximum overall dimensions with the glass panels and trays open.



5.1.2 Pot overall dimensions

The drawing below shows the maximum overall dimensions of the pots.

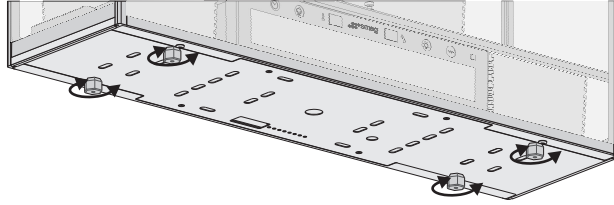


5.2 Positioning and leveling the appliance

Place the Home Garden on a stable, robust surface.

The Home Garden is equipped with 4 adjustable feet for leveling it.

To adjust the feet, simply rotate them as shown in figure 3.

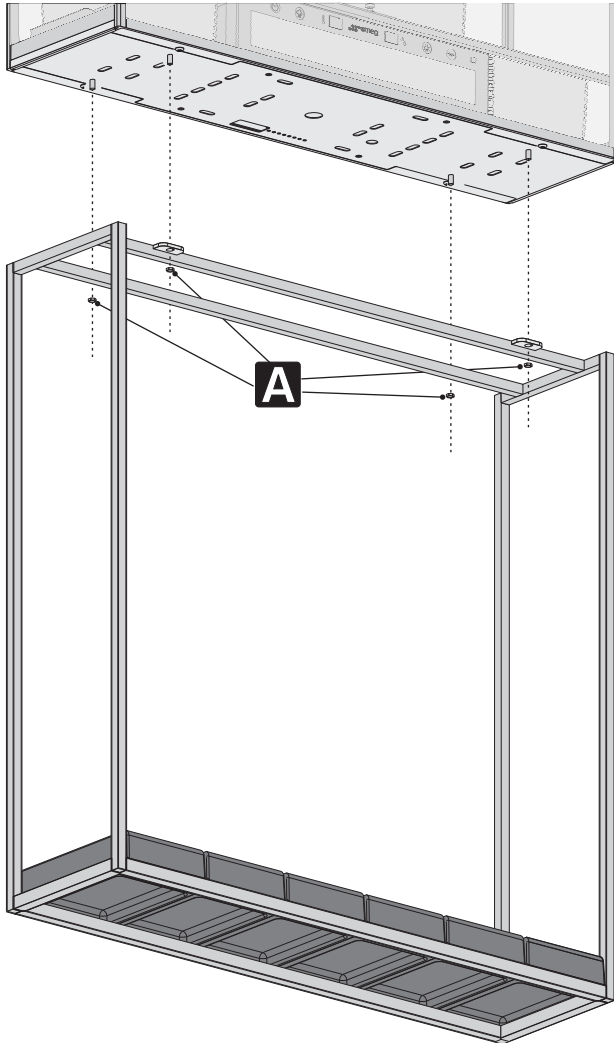


(Fig. 3)



WARNING: DO NOT BLOCK THE GAP BETWEEN THE HOME GARDEN AND ITS SUPPORTING SURFACE, AS THIS MAY BLOCK THE AIR INTAKES BENEATH IT.

The Home Garden may be placed on a pedestal (optional, available from your service center). Completely unscrew the feet and fit the studs into the holes on the pedestal. Now secure the pedestal to the Home Garden using the 4 provided nuts "A". (Fig. 4)



(Fig. 4)



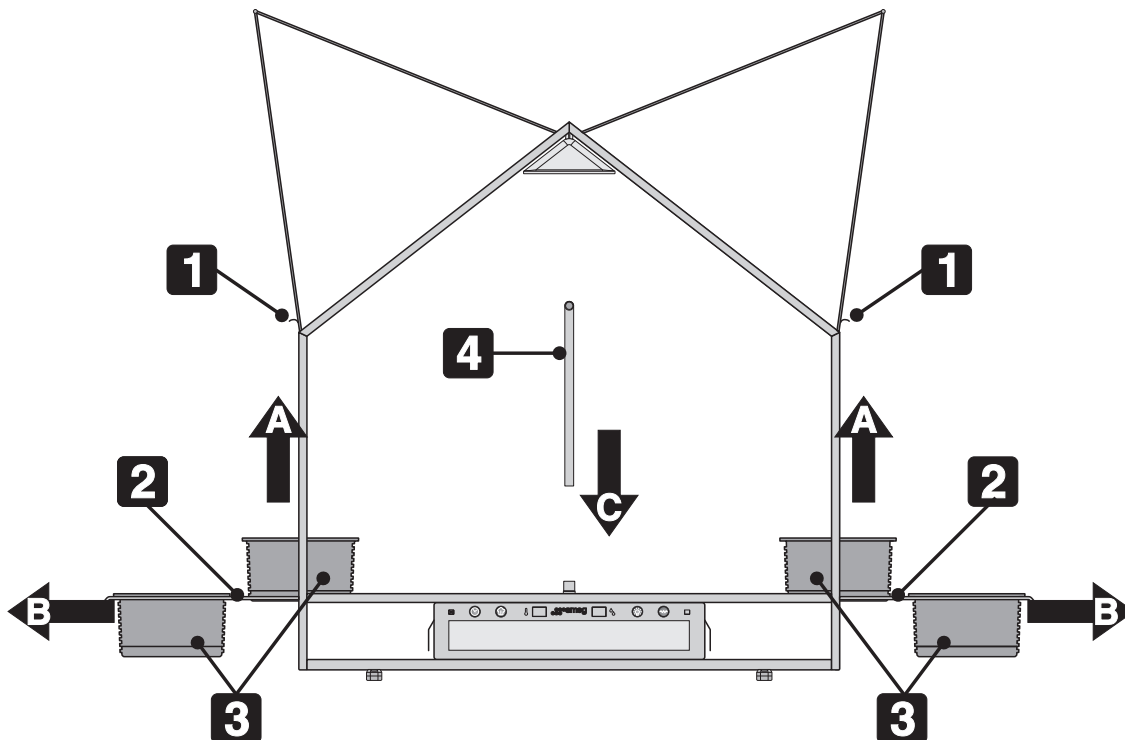
ALWAYS PLACE THE HOME GARDEN IN A DRY, WELL VENTILATED LOCATION. NEVER EXPOSE IT TO DIRECT SUNLIGHT OR INSTALL IT OUTDOORS. DO NOT INSTALL IT CLOSE TO SOURCES OF HEAT OR DIRECTLY IN THE AIR FLOW FROM A/C EQUIPMENT.

5.3 Preparing the Home Garden

After you have installed your Home Garden according to the instructions in Section "5.2 Positioning and leveling the appliance", it has to be opened in order to position some parts inside.

Access to the inside of the Home Garden is possible from both side panels.

To open them, grasp the handles **1** (shown in Figure 4) on the lower side glass panels and gently push them upwards until you hear a click (movement A in Figure 5).



(Fig.5)

Two sliding trays **(2)** on supports can be removed, as shown by movement "B" in Figure 5.

Included with the Home Garden, you will find a set of 4 special pots **(3)** to grow your plants. For information on placing the pots in their seats, see Section "10.1 Removing and placing the pots in the Home Garden".

Insert the vapor delivery tube **(4)** in its central seat, as shown by movement "C" in Figure 5.

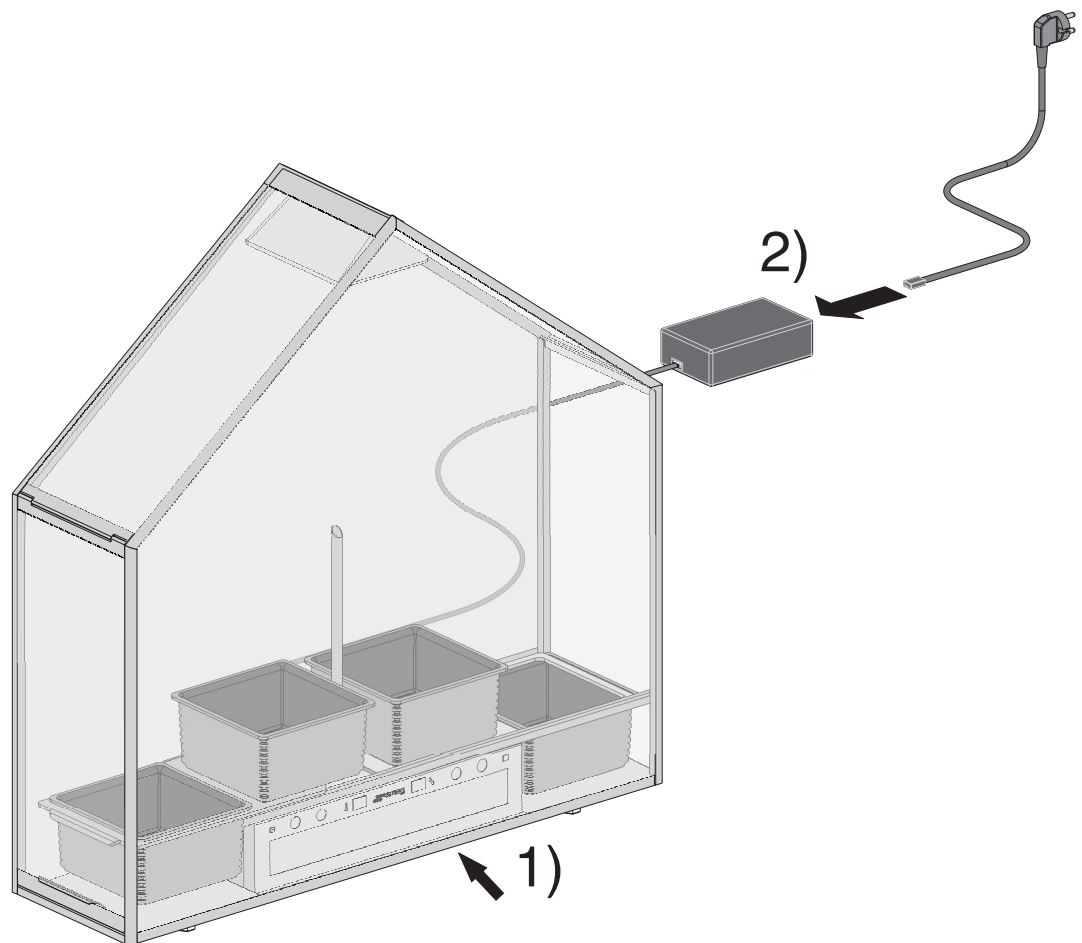
5.4 Electrical connection

Connect the appliance's power supply lead to a mains socket, installed in accordance with electrical safety regulations. The rated voltage and frequency are stated on the registration plate on the base of the Home Garden. Always ensure that the indicated values correspond to the mains voltage.

The appliance must be connected to the electrical mains and earthed in compliance with the relevant regulations and requirements. If the power supply lead has to be replaced, this operation must only be carried out by an authorised Smeg technical service engineer.

The Home Garden is a low voltage device (24 V) and is supplied with a transformer which goes close to the mains socket.

To connect the unit to the mains, plug the transformer jack into the socket marked on the base of the Home Garden (Point 1 of figure 6); plug the power cord into the transformer (Point 2 of figure 6) and plug its other end into the mains socket.



(fig. 6)

5.5 Initial Filling

The Home Garden's tank is empty when purchased. It must be filled for the appliance to operate. For filling instructions, see "11.1 Filling the tank" on page 22.



IT IS ADVISABLE TO FILL THE TANK ONLY AFTER THE HOME GARDEN HAS BEEN POSITIONED.


6. FIRST USE



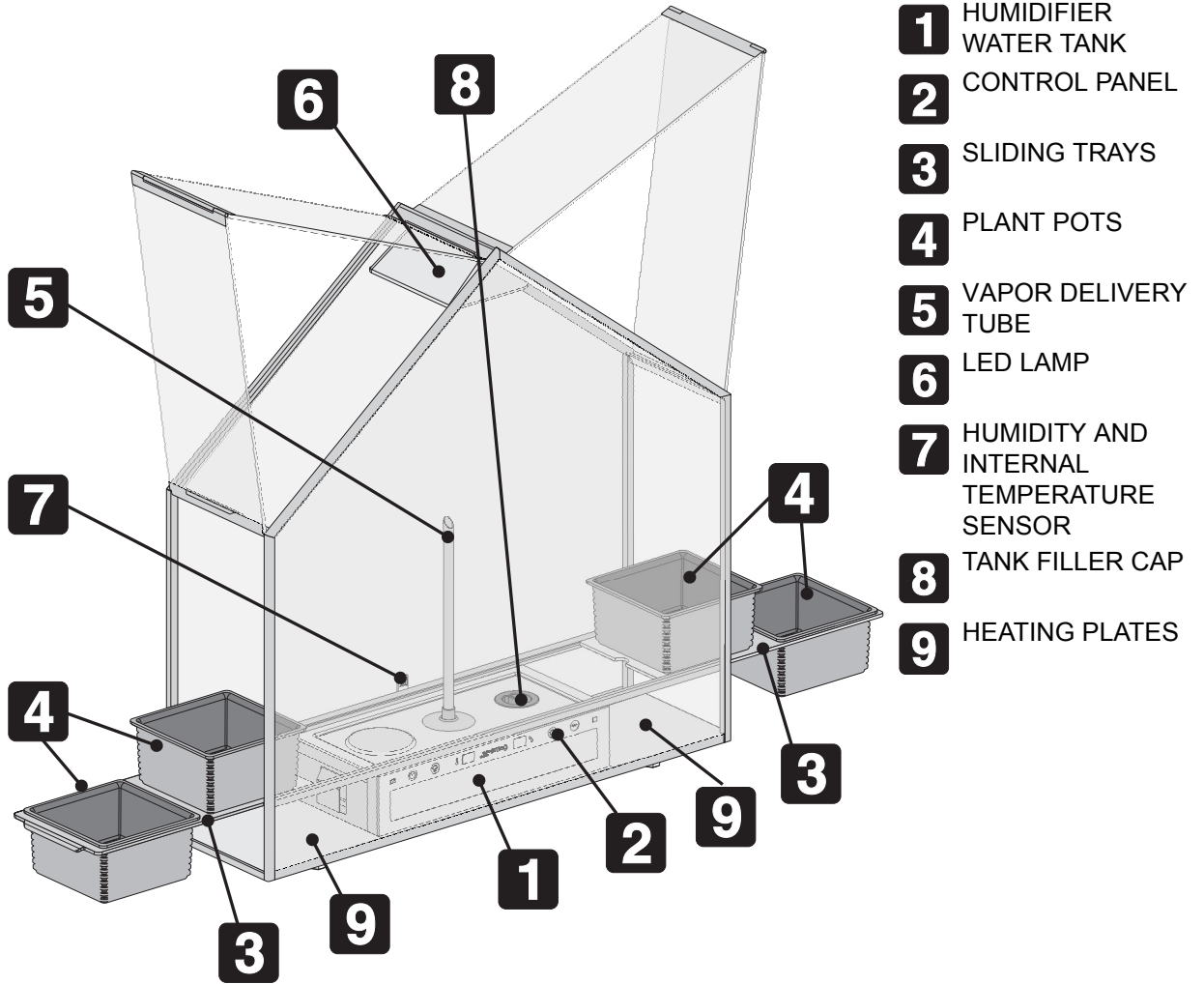
The inside of the appliance should be cleaned to remove all manufacturing residues. For further information, see "11. Maintenance and cleaning".



The following are the only procedures required to start up the Home Garden when using it for the first time:

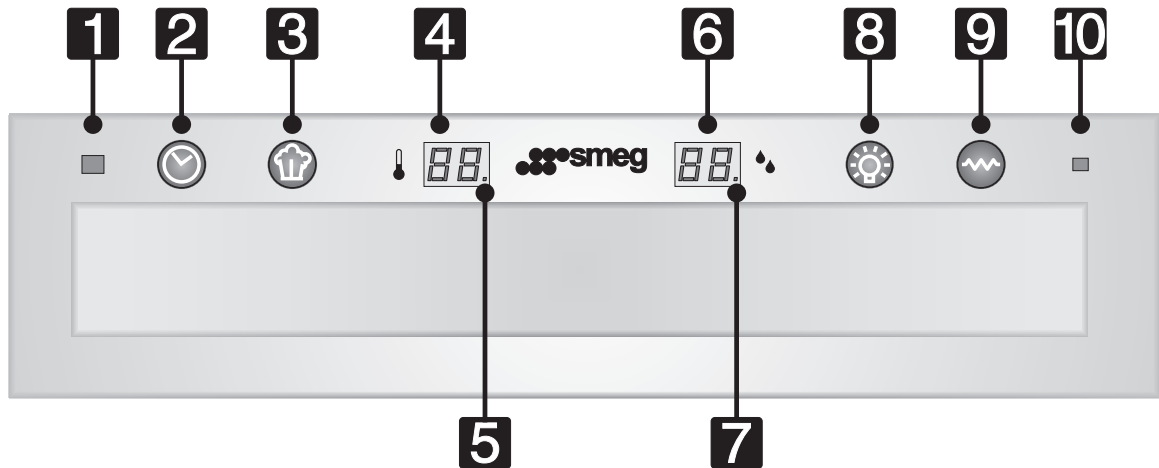
- 1 **switch on the Home Garden** by pressing the  button on the remote control (see Section "9.2 Standby key");
- 2 **select the program** depending on the type of plants you wish to grow (see paragraph "10.3 Selecting the program");
- 3 **set the time** (see paragraph "9.6 Clock display/setting key");
- 4 **fill the tank** (see paragraph "11.1 Filling the tank");

7. GETTING TO KNOW YOUR APPLIANCE



(FIG. 7)

8. CONTROL PANEL



(Fig. 8)

- 1** EXTERNAL LIGHT SENSOR
- 2** INTERNAL CLOCK SETTING/DISPLAY SYMBOL
- 3** HUMIDITY SUPPLY/EMPTY TANK SYMBOL
- 4** INTERNAL TEMPERATURE/TIME DISPLAY
- 5** STANDBY SYMBOL
- 6** INTERNAL AIR HUMIDITY PERCENTAGE/MINUTES DISPLAY
- 7** REMOTE CONTROL LOCK SYMBOL
- 8** LED LAMP MAXIMUM LIGHT SYMBOL
- 9** CUTTINGS FUNCTION SYMBOL
- 10** REMOTE CONTROL INFRARED SENSOR


1 8.1 External light sensor



This sensor detects the environmental light level also controlling the lamp on or off during lighting period set with the program.


2 8.2 Internal clock setting/display symbol



This symbol indicates that the  key on the remote control has been pressed to show the current time on the displays. For instructions for setting the time, see "9.6 Clock display/setting key"

3 8.3 Humidity supply/empty tank symbol



This symbol lights up whenever the  key on the remote control is pressed. It flashes when the water tank level goes into reserve and the humidifier is no longer able to deliver the required vapor. For filling the water tank, read paragraph "11.1 Filling the tank".




In normal operating conditions, the tank will ensure correct humidification for 25-30 days. This value is approximate and will depend on the climatic conditions and program selected.

4 8.4 Internal temperature/time display



During normal operation, this displays the Home Garden's internal temperature.

When first switched on, after a power shutdown or when the  key is pressed, the display shows the time for setting. For instructions for setting the time, see "9.6 Clock display/setting key"



The Home Garden does not have a cooling function. It follows that the internal temperature will never be lower than the external temperature.

5 8.5 Standby symbol




When this is the only symbol lit up on the control panel, the appliance is in standby.

6 8.6 Internal air humidity percentage/minutes display



During normal operation, this displays the Home Garden's internal relative humidity (in %).

When first switched on, after a power shutdown or when the  key is pressed, the display shows the time for setting. For instructions for setting the time, see "9.6 Clock display/setting key".



The Home Garden does not have a dehumidifying function. It follows that the internal humidity will never be lower than the external humidity.

7 8.7 Key lock/unlock symbol





When the remote control has not been used for ten minutes consecutively, the Home Garden locks its current setting and commands are not accepted from the remote control. This is a precaution against misuse, accidental or in play, by children, who may attempt to change the settings and thus affect the growth of the plants.

For instructions for deactivating the lock, see "9.2 Standby key".

8 8.8 Internal light ON symbol



This symbol lights up whenever the  key of the remote control is pressed, and stays on for around a minute during day time, and an hour at night. It can be switched off manually at any time by pressing the  key when it is on. For instructions for the internal lighting function, see "9.5 Internal light key".

9 8.9 Cuttings function on symbol



This symbol indicates that the "Cuttings" function is activated.

If it is flashing, this means that the climatic conditions do not allow for activating the function.

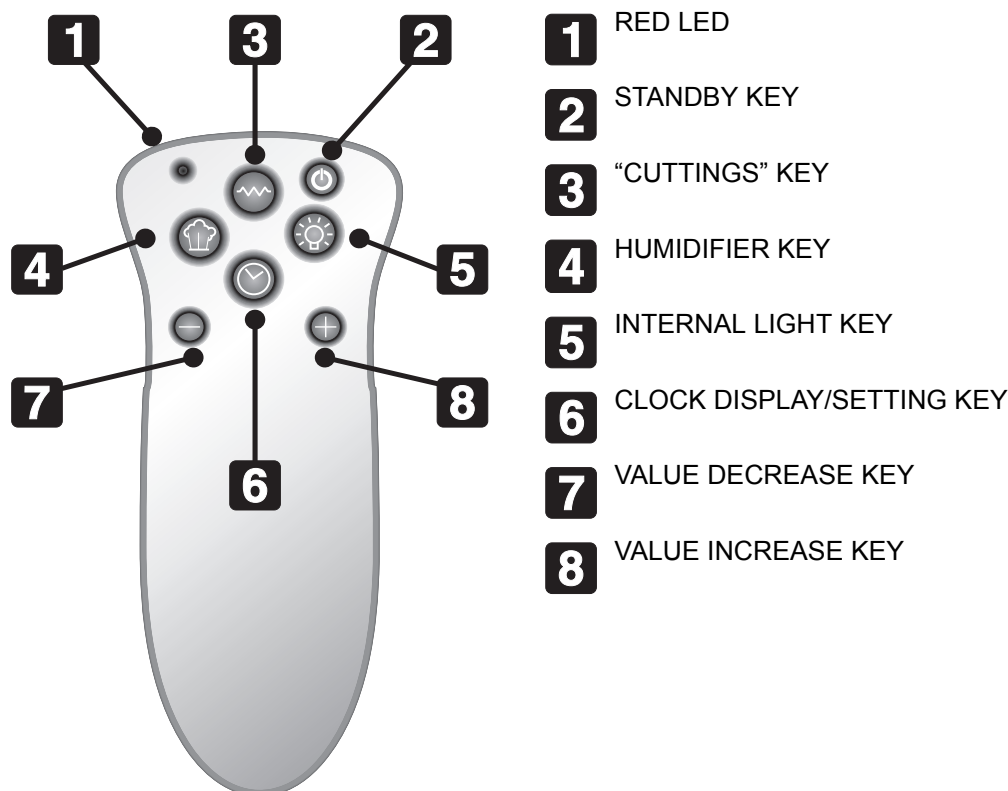
For instructions for the "Cuttings" function, see "9.3 Cuttings function on key".

10 8.10 Remote control sensor



This sensor receives the signals emitted by the remote control whenever its keys are pressed and sends them to the control circuitry, which activates the corresponding components. Ensure that it is never blocked by any obstacles: they will block the signals from the remote control.

9. THE REMOTE CONTROL



(Fig. 9)


1 9.1 Red led



This led switches on whenever any key is pressed to confirm that the signal has been sent to the control panel.

2 9.2 Standby key




This key activates the appliance's circuitry when it is in standby. When it is reconnected to the power supply, or after a lengthy power shutdown, the Home Garden will start up with the settings it had when it was switched off. In particular, when first switched on, the Home Garden will be in standby, as shown by the display described in point **5**, page 16. To activate automatic operation, simply point the remote control at the appliance and press the  key.

Once automatic operation has been activated, the appliance's circuitry will run a check of the displays and all control panel leds will light up.

Once this check has terminated, the system will ask you to select one of the 3 pre-set programs or the manual setting program **P4**. For selection of the right program and how to activate it, refer to "10.3 Selecting the program".

Once the program has been selected, the appliance will prompt you to set the time. For instructions for setting the time, see "9.6 Clock display/setting key".

The  key is also used for unlocking the Home Garden's settings: Ten minutes after any button has been pressed for the last time, the Home Garden enters the "lock" mode and a dot lights up on the humidity display (see point **7** page 16). This is a precaution against misuse, accidental or in play, by children, who may attempt to change the settings and thus affect the growth of the plants.

To unlock the settings, point the remote control at the Home Garden and hold this key down for a few seconds until the point on the display disappears. It is now possible to use the other keys on the remote control again.



WARNING: WHEN IN STANDBY, THE HOME GARDEN NO LONGER AUTOMATICALLY CONTROLS ITS INTERNAL CLIMATE. IN CASE OF A POWER BLACKOUT, THE ELECTRONIC CIRCUIT BOARD WILL RETAIN THE LAST PROGRAM SET BY THE USER IN THE MEMORY, AND WILL REPEAT IT AUTOMATICALLY WHEN THE POWER SUPPLY IS RESTORED.

3


9.3 Cuttings function on key




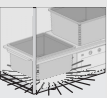
This key activates the “Cuttings” function, which automatically operates the Home Garden’s heating elements.

This is intended for growing cuttings or immediately after planting seeds. **The pots intended for this function are those around the edge of the lowest level.**

When this function is activated, the  symbol stays on.

This function can be switched off automatically when the internal temperature exceeds the maximum permitted value, or manually by pressing the  key again at any time.

In certain conditions, the function may not even activate. If for example the external temperature is greater than that set for the cuttings function, it will not activate and the  symbol on the Home Garden’s control panel will flash three times.



WARNING: BY ACTIVATING THIS FUNCTION, THE STEEL SURFACES ON THE TANK SIDES HEAT UP. IN THAT POSITION THE HEATING ELEMENTS ACTIVATED BY THIS FUNCTION ARE ON. DO NOT TOUCH THESE PANELS WITH YOUR BARE HANDS BEFORE ALLOWING THEM SUFFICIENT TIME TO COOL DOWN.

4

9.4 Humidifier key



This key manually delivers a few jets of water vapor into the Home Garden. Once the series of jets is finished, or by pressing the key again before the end of the sequence, the appliance will return to normal operation.



WARNING: THE APPLIANCE’S INTERNAL CIRCUITRY CONTROLS THE AMOUNT OF VAPOR DELIVERED INTO IT. ONCE THE MAXIMUM NUMBER OF JETS HAS BEEN REACHED, THE SYSTEM WILL NOT DELIVER ANY MORE UNTIL A CERTAIN PERIOD OF TIME HAS PASSED.




THE FIRST 20-30 JETS OF VAPOR DELIVERED BY THE HUMIDIFIER WILL BE LESS INTENSE THAN SUCCESSIVE ONES.

5

9.5 Internal light key



This key switches the internal light lamps on and off.

If the lamps are on (at any strength) and you press the  key on the remote control, they will turn on at maximum power for about one minute and then return to their automatically determined strength.

If the lamps are completely off, pressing this key turns them on at full strength and they will stay on for about one hour.








In both cases, the lamps can be returned to their automatic setting by pressing the key again.





WARNING: DEPENDING ON THE EXTERNAL LIGHTING INTENSITY, THE INTERNAL LAMPS WILL EMIT A STRONGER OR WEAKER LIGHT. LOW LIGHT OUTPUT DOES NOT INDICATE A MALFUNCTION; THEY STAY ON DURING THE DAY OR IN STRONG EXTERNAL LIGHTING AT A LOW SETTING.

6 **9.6 Clock display/setting key**

This key is used for displaying and setting the time.

When the  key is held down for a few seconds, the  symbol lights up on the control panel and the orange time display flashes. Use the  and  keys to set the hour. Now press the  key to set the minutes on the blue display, with the  and  keys.

Once the time is set, press the  key again: the display will stop flashing and after a few seconds will show the external temperature (right) and humidity (left) and the Home Garden will start automatic internal climate regulation as set in the selected program.

During normal operation and when the Home Garden is not locked, press the  key once to display the time.

For the preset programs, see "10.2 Automatic regulation of the internal micro-climate" and "10.3 Selecting the program".

7 8 **9.7 Value increase/decrease key**

These keys are used for setting the time as described in paragraph "9.6 Clock display/setting key" and selecting the Home Garden's preset operating programs.




For the preset program, see "10.2 Automatic regulation of the internal micro-climate" and "10.3 Selecting the program".

9.8 Replacing the remote control batteries

Once they are exhausted, the provided batteries can be replaced with a pair of normal AAA batteries. Exhausted batteries should be disposed of in a specific waste disposal container.

10. USING THE HOME GARDEN

At first switch-on, the circuit board automatically presets for the use of program **P 1**. The  symbol flashes to indicate that the time must be set on the control circuit board. For instructions on this procedure, see point "9.6 Clock display/setting key".



WARNING: THE HOME GARDEN CAN ONLY BE OPERATED WITH THE REMOTE CONTROL. THE CONTROL PANEL ON THE FRONT OF THE APPLIANCE IS PURELY AESTHETIC AND DOES NOT OPERATE THE HOME GARDEN.

10.1 Removing and placing the pots in the Home Garden

To remove the pots from the appliance, proceed as follows:

Lift the appliance's two side panels by their handles. The panels are mounted on sliding supports and should be lifted gently to their maximum extension by simply pulling upwards. At this point, with both side panels raised, the two sliding trays on which the pots are located can be pulled out. Take care not to exert excessive force: the end stop which prevents them from falling may be damaged by this. Once the two sliding trays are fully extended, the pots are available for use.

To refit them inside the Home Garden, simply repeat the same operations in reverse order.



WARNING: DIFFERENT POTS FROM THOSE SUPPLIED WITH THE HOME GARDEN MAY NOT BE SUITABLE FOR GROWING YOUR PLANTS IN THE APPLIANCE



WARNING: THE HOME GARDEN IS CONSTRUCTED LARGELY OF GLASS. PROCEED GENTLY AND WITH CARE WHEN HANDLING.

10.2 Automatic regulation of the internal micro-climate

The Home Garden is equipped with three sensors (humidity, light and temperature) which allow its circuitry to control its environmental variables in accordance with the selected program.

There are three programs for the various types of plant you may wish to grow in the appliance.



The following table explains the types of plants which each program is intended to work with.

PROGRAM	PLANTS	OPERATING PARAMETERS
1	Green plants (decorative, indoors), indoors bonsai, cuttings and orchids.	<ul style="list-style-type: none"> - High humidity. - Automatic heating when the external temperature is lower than 18°C - 64°F - In case of insufficient external light, the appliance's lights stay on from 7:00 to 20:00. - Low ventilation frequency.
2	Succulents. (eg. Cacti)	<ul style="list-style-type: none"> - Low humidity. - Automatic heating when the external temperature is lower than 20°C - 68°F - In case of insufficient external light, the appliance's lights stay on from 7:00 to 21:00. - High ventilation frequency.
3	Flowering plants and seedlings.	<ul style="list-style-type: none"> - Moderate humidity. - Automatic heating when the external temperature is lower than 18°C - 64°F - In case of insufficient external light, the appliance's lights stay on from 7:00 to 20:00. - Average ventilation frequency.





CHECK THAT THE SELECTED PROGRAM IS SUITABLE FOR THE PLANTS YOU INTEND TO GROW, WHICH MUST OBVIOUSLY ALL BE OF THE SAME TYPE. IF, FOR EXAMPLE, YOU DECIDE TO REPLACE YOUR SUCCULENTS WITH GREEN PLANTS, YOU MUST CHANGE FROM PROGRAM 2 TO PROGRAM 1 AS DESCRIBED ABOVE.

10.3 Selecting the program

When first switched on or when the  key is pressed, the Home Garden is in standby, as indicated by the dot in the left hand temperature display (see point **5**, page 16). To activate automatic operation, simply point the remote control at the appliance and press the  key.

Once automatic operation has been activated, the appliance's circuitry will run a check of the displays and all control panel leds will light up.

Once this check has terminated, the system will ask you to select one of the 4 programs available.

The **P** symbol (followed by a number from 1 to 4) will flash on the left-hand display (the orange one). Use the  and  keys to scroll through the 4 programs (**P 1; P 2; P 3; P 4**). To choose the type of program, see Section "10.2 Automatic regulation of the internal micro-climate".


If a program symbol appears on the display for more than 5 seconds, the respective program will activate.

This procedure shows how to select a program starting from standby.

Once the program has been selected, the appliance's circuitry will ask you to set the time as described in paragraph "9.6 Clock display/setting key".



TO CHANGE THE PROGRAM DURING NORMAL OPERATION, PROCEED AS FOLLOWS.



PRESS THE  KEY ONCE: THE CURRENT PROGRAM WILL DISPLAY ON THE ORANGE DISPLAY FOR A FEW SECONDS. NOW HOLD DOWN THE SAME KEY FOR THREE SECONDS; THIS RETURNS TO THE PROGRAM SELECTION PROCEDURE AND A NEW PROGRAM CAN BE SELECTED IN THE WAY DESCRIBED IN THE FIRST PART OF THIS PARAGRAPH.



THE HOME GARDEN AUTOMATICALLY REGULATES THE TEMPERATURE, HUMIDITY AND LIGHTING, BUT IT SHOULD BE RECALLED THAT EVEN IN THESE OPTIMAL CONDITIONS, THE PLANTS NEED FRESH AIR.



10.4 Manual Program

The Home Garden has a "manual" program **P 4** in which the operating parameters (temperature and humidity) can be modified.

To do this, select program **P 4** (as described in point "10.3 Selecting the program"). To modify the preset programs keep the  key depressed for a few seconds if you wish to modify the humidity value, or the  key if you wish to modify the temperature value. In this modification mode, the display of the value being changed will flash.

The parameters can be modified using the  and  keys.

5 seconds after the last key is pressed, the displays stop flashing and the values set are saved.

Pressing the  and  keys quickly once activates the "vaporizer" and "cuttings" functions as already described.



*The manual control program **P 4** allows the user to set a number of parameters which control the microclimate inside the Home Garden.*

However, it must be remembered that whether these parameters are actually reached and maintained over time they depend on the external environment surrounding the Home Garden. The heating elements inside the Home Garden are located underneath the pots on the bottom level (as shown in Fig. 7 on page 14) and heat both the soil and the air.

Because of this dual action, to prevent damage to the plants inside the Home Garden it is important always to set an internal temperature not much higher than the surrounding room temperature. To reduce overheating risks, the Home Garden never heats to a temperature more than 4-5°C - 39-41°F higher than the room temperature.

*The maximum temperature that can be set with the manual program **P 4** is 25 °C - 77° F*

*The maximum humidity that can be set with the manual program **P 4** is 90%. To prevent overheating of the ultrasound nebulizer, the Home Garden operates it in on/off mode. Therefore, whether or not the preset humidity level is reached it depends on the humidity of the Home Garden's external environment and the nebulizer cycle selected.*

11. MAINTENANCE AND CLEANING



DISCONNECT THE ELECTRICAL POWER SUPPLY BEFORE ANY PROCEDURE THAT REQUIRES ACCESS TO LIVE PARTS.


The Home Garden requires very simple periodic maintenance and cleaning; if done regularly, it will be kept in excellent operating and aesthetic condition.

11.1 Filling the tank

The Home Garden's tank is empty when purchased. It must be filled in order for the appliance to operate.

It is best to fill the tank only after having positioned the Home Garden.


The tank water level can be seen through the front window, under the control panel.

When the level falls below a certain value, the  symbol on the control panel will start flashing. When this symbol is flashing, the humidifier is not able to generate vapor and the tank must be filled as follows.



WHEN THE  SYMBOL STARTS FLASHING, SOME AMOUNT OF WATER IS STILL LEFT IN THE TANK, BUT IT CANNOT BE USED.

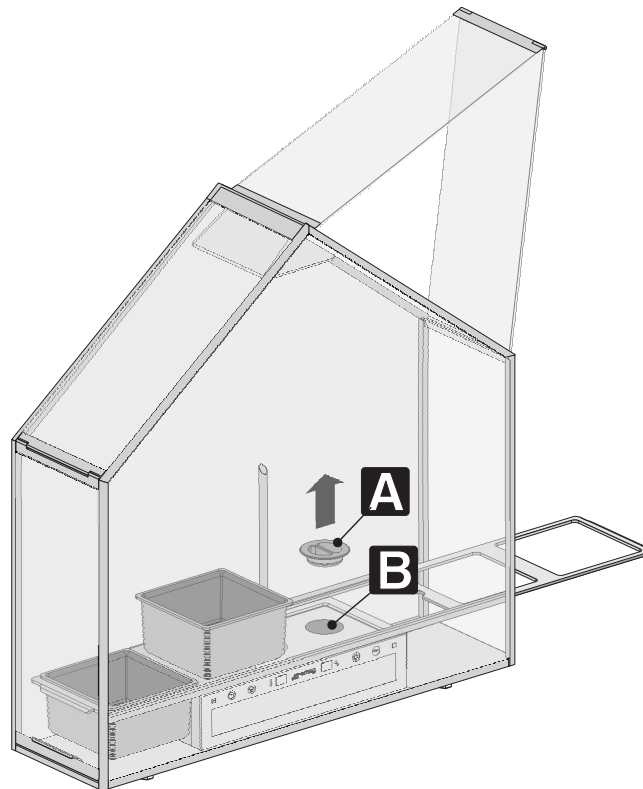
Extract the sliding trays and pots as described in paragraph "10.1 Removing and placing the pots in the Home Garden". With the trays and pots extracted, remove cap "A" by lifting it off as shown in the figure. Use a garden watering can to slowly fill the tank through hole "B". A float inside the tank slowly rises as the water level increases and indicates when the tank is full.

Always check that the water level does not exceed the "max" mark on the  front of the tank.

Once the tank is full, close the cap, refit the pots, slide the trays back in and lower the side panels.



AFTER FILLING THE TANK, PRESS THE  KEY ON THE REMOTE CONTROL TO SWITCH OFF THE FLASHING SYMBOL ON THE CONTROL PANEL AND RETURN TO NORMAL OPERATION.



(Fig. 10)



WE RECOMMEND USING LOW HARDNESS WATER WITH A LOW IRON CONTENT IN THE WATER TANK, INASMUCH AS CALCIUM AND IRON DEPOSITS CAN COMPROMISE THE LOOK AND OPERATION OF THE HOME GARDEN.



WHEN THE TANK IS FULL, THE VAPOR JETS WILL BE SLIGHTLY WEAKER. THE STRENGTH OF THE JETS WILL INCREASE AS THE TANK WATER LEVEL DROPS.



DO NOT USE DEMINERALIZED OR DISTILLED WATER AS THEY CAN AFFECT THE OPERATION OF THE ULTRASOUND VAPORIZER.



WARNING: EXCEEDING THE MAXIMUM TANK WATER LEVEL CAN AFFECT THE OPERATION OF THE ULTRASOUND VAPORIZER.

NEVER EXCEED IT.

IF THE WATER LEVEL EXCEEDS THE MAX MARK, THE TANK CAN BE DRAINED WITH A SYRINGE OR SIMILAR DEVICE.



WARNING: TAKE CARE WHEN MOVING THE APPLIANCE AS ITS CIRCUITRY CAN BE DAMAGED BY CONTACT WITH THE WATER IN THE TANK.

11.2 Cleaning the vapor delivery tube

Periodically check the delivery tube for blockages.

If it is blocked, extract it (simply pull it upwards) and clean it under running water or with a steel wire.

11.3 Cleaning the ultrasound vaporizer

If it is necessary to clean the internal vaporizer (for example, because vapor is not delivered even after you have thoroughly cleaned the hose), contact your nearest Authorized Service Center.

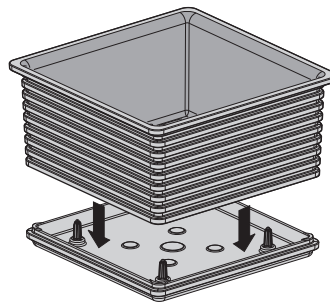
11.4 Cleaning the base

The base of the Home Garden, once the pots have been removed, can be cleaned with normal non-abrasive steel detergent, using a clean, dry cloth.

11.5 Cleaning the pots

The pots provided with the appliance have a special double base which can be removed (see figure) for thorough cleaning without soiling the interior of the Home Garden.

We recommend disinfecting the pots whenever changing the plants contained in them.



(Fig. 11)

11.6 Cleaning the glass panels

The Home Garden's glass panels, like all glass products, are fragile; exercise caution when cleaning them. Use normal glass cleaning products.

11.7 Replacing the lamps

The lamps in the Home Garden are of a special type and when they require replacement, this must be done by an authorized service center.

12. PROBLEM SOLVING

PROBLEM	PROBABLE CAUSE	POSSIBLE SOLUTION
The Home Garden's lamps are fully on during day time	- The external lighting level is low and the sensor has set the lamps to maximum power	- No malfunction
The Home Garden's lamps are off in the evening	- The lighting period set in the program has ended	- No malfunction. If you wish to turn on the lamps anyway, refer to paragraph "9.5 Internal light key".
The  symbol is flashing	- No water in the tank - The vaporizer is dirty	- Fill the tank as described in Section- "11.1 Filling the tank" - Clean the vaporizer, see paragraph "11.3 Cleaning the ultrasound vaporizer".
The  symbol flashes even if there is still a little water left in the tank	- There is always a minimum amount of water left, which cannot be utilised by the vaporizer.	- Fill the tank as described in Section- "11.1 Filling the tank"; - No malfunction
When I press the  key, no vapor is delivered	- The maximum number of vapor jets allowed by the circuitry has been exceeded - The tank has been filled beyond the maximum level.	- Wait a few minutes and try again - Empty the tank with a syringe or similar device as described in paragraph "11.1 Filling the tank"
The tank has been filled correctly, but the  symbol is still flashing	- You have not pressed the  key on the remote control	- Press the  button on the remote control
The  symbol is flashing	- The external temperature is higher than the preset maximum: the "Cuttings" function is not required for growing cuttings.	- You can continue growing cuttings in any case
When I fit the plug in the mains socket a red point appears on the left display	- The Home Garden is in standby	- Switch on the Home Garden as described in paragraph "9.2 Standby key"
A blue point appears on the right display	- The remote control keys are locked	- To unlock the remote control hold down the  key for a few seconds as described in paragraph "9.2 Standby key"
The steel side panels are hot	- The cuttings function is activated - The external temperature is lower than the set temperature: the Home Garden is heating its internal micro-climate	- Do not touch the surface underneath the pots with your bare hands. - No malfunction