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MSpa® Owner's Manual and Warranty Card

PM-610S Tuscany
PM-710S Tuscany

EN

DO NOT RETURN MERCHANDISE TO YOUR DEALER STORE DIRECTLY. CALL MSPA AFTER SALES SERVICE CENTER FOR PRODUCT QUESTIONS OR CONTACT MSPA AT info@the-mspa.com

Due to MSpa continuous product improvement, MSpa reserves the right to change specifications and product appearance, which may result in updates to the instruction manual without notice.



ENTER THE WORLD OF MSPA

Welcome,

Thank you for choosing MSpa and for your confidence in our brand. We believe that you will enjoy many benefits of using MSpa products for years to come.

To guide you in your initial MSpa experience, we are pleased to present you with this instruction manual. Please carefully and thoroughly read this manual entirety before using the product for the first time.

We are delighted to welcome you to the MSpa family, and look forward to sharing with you the full spectrum of our expertise.

Enjoy your MSpa!



Scan the QR code to enter the MSpa official website

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SAFETY PRECAUTIONS

For your own safety and that of your product, make sure to follow the safety precautions below. Fail to follow the instruction may result in serious injury, property damage or death. Improper installation or operation will void the warranty.

READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS

DANGER

- Risk of Accidental Drowning. Extreme caution must be exercised to prevent unauthorized access by children.
- Risk of drowning. Inspect the spa cover regularly for leak, premature wear and tear, damage or signs of deterioration. Never use a worn or damaged cover: it will not provide the level of protection required to prevent unsupervised access to the spa by a child.
- Risk of drowning. Always lock the spa cover after each use.
- Risk of injury. 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.
- Risk of Electric Shock. Do not permit any electrical appliances, such as a light, telephone, radio or television within 1.5m (5 feet) of a spa tub.
- Risk of Electric Shock. Do not use the spa when it is raining, thundering or lightning.

WARNING

- To reduce the risk of electric shock, do not use an extension cord, timers, plug adaptors or converter plugs to connect the unit to electric supply; provide a properly located outlet.
- The spa electrical appliance should be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to occupants in the spa.
- Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa.

- Residential electrical connection box must be located safely with a distance of at least 2m away from the spa.
- Electric installation should fulfill the local requirement or standards.
- Do not press down or uplift the control panel or put any heavy items on the control panel after installations.
- 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 without supervision.
- To reduce the risk or injury, do not permit children use this product unless they are closely supervised all times.
- To reduce the risk of child drowning, supervise children all times. Attach and lock spa cover after each use.
- Make sure the floor is capable of supporting the expected load, which you can find from the spec sheet, calculate the expected load of water capacity plus total weight.
- Adequate draining system must be provided around the spa to deal with over-flow water.
- To reduce the risk of injury:
 - a) Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes. In order to avoid the possibility of hyperthermia (heat stress) occurring it is recommended that the average temperature of spa-pool water should not exceed 40°C(104°F).
 - b) Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 38°C(100°F).
 - c) Before entering a spa or hot tub the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices varies.
 - d) The use of alcohol, drugs or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
 - e) The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia in spas.
 - f) The causes and symptoms of hyperthermia may be described as follows:
Hyperthermia occurs when the internal temperature of body reaches a level

several degrees above the normal body temperature 37°C(98.6°F). The symptoms of hyperthermia include an increase in the internal temperature of body, dizziness, lethargy, drowsiness, and fainting. The effect of hyperemia include failure to perceive heat; failure to recognize the need to exit spa; unawareness of impending hazard; fetal damage in pregnant women; physical inability to exit the spa; and unconsciousness resulting in the danger of drowning.

- g) Obese persons or persons with a history of heart disease, low or high blood pressure, circulatory system problem, or diabetes should consult a physician before using a spa.
 - h) Persons using medication should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.
 - i) Check with doctor before use if pregnant, diabetic, in poor health, or under medical care.
- People with infectious disease should not use a spa or hot tub.
 - To avoid injury exercise care when entering or existing the spa or hot tub.
 - Water temperature in excess of 42°C(108°F) may be injurious to your health.
 - Never use a spa or hot tub alone or allow others to use the spa alone.
 - Do not use a spa or hot tub immediately following strenuous exercise.
 - Spa heat in conjunction with alcohol, drugs, or medication can cause unconsciousness.
 - Exit immediately if uncomfortable, dizzy, or sleepy. Spa heat can cause hyperthermia and unconsciousness.

Do not put the spa under 0°C(32°F) environment in order to avoid freezing if there is still water in the pool.

It's helpful to put temp barrier mat in between the spa pool and the ground. Similar mat which is made of foam material or other materials with heat barrier function can also be used. Do not turn on the spa when the water is frozen.

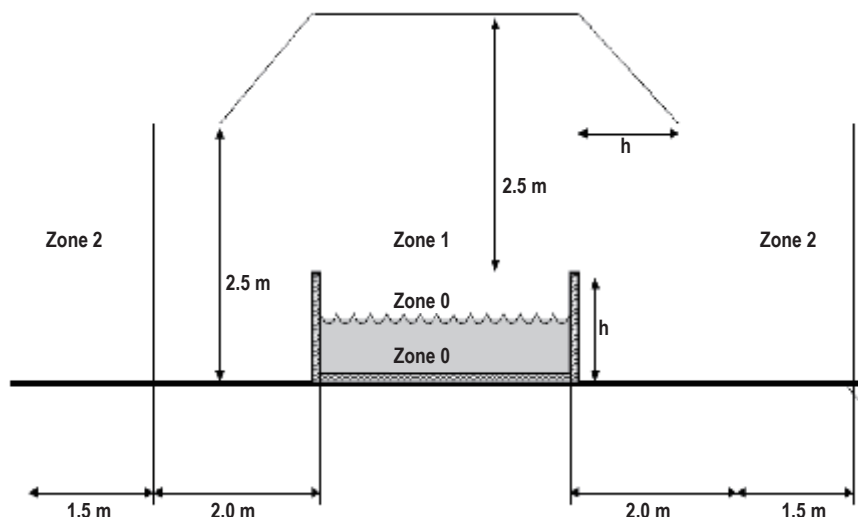
- Never pour water with a temperature higher than 40°C(104°F) into the spa directly.
- Always unplug this product from the electrical outlet before removing, cleaning, servicing or making any adjustment to the product.
- Never jump or dive into a spa or any shallow body of water.
- No part of the electric appliance is to be located above the bath during use.
- Do not bury the electrical cord. Locate the cord where it will not be damaged by lawn mowers, hedge trimmers and other equipment.

- Do not attempt to plug in or unplug this product while standing in water or when your hands are wet.
- Do not use the spa if damaged in delivery and/or malfunctioning in any way.
- Contact the MSpa service center for further direction.
- Keep all pets away from the spa to avoid any damage.
- Do not add bath oil or bath salt to the spa water.

CAUTION

- Always add chemicals to water, never add water to chemicals. Adding water to chemicals may cause strong fumes or violent reactions and hazardous chemical spray.
- For water already used, discharge it in time or use water chemicals for cleaning. Usually, change water every 3-5 days.
- Use Mspa chemical kit for disinfection in accordance with manufacture's instructions.
- Do not leave or set up the spa in temperature lower than 4°C(39°F) if heater is not operating.
- Always enter and exit the spa or hot tub slowly and cautiously. Caution of wet floor.
- To avoid damage to the pump, never turn on the spa or hot tubs unless it is filled with water to the minimum water line.
- Place the spa or hot tub only on a properly prepared site that can withstand the floor loading requirement of the spa.
- Do not leave the spa empty for extended period of time. Drain away water inside the pool thoroughly for long time disuse. Do not expose the spa under direct sunshine. Check regularly before each use. Put away the spa or fence it up in time after using.
- Open the spa top lid when the Bubble function is on.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- Refer to relevant chapter for details concerning cleaning and other maintenance.



Warning: Water protection levels of appliance at different product zones are different see the following scheme. (**Installation regulations comply to IEC 60364-7-702**)



NOTE-The measured zone dimensions are limited by walls and fixed partitions.

Zones	Description of the zones
Zone 0	Zone 0 is the interior of the basin including any recesses in their walls or floors.
Zone 1	Zone 1 is limited by <ul style="list-style-type: none"> • Zone 0 • A vertical plane 2m from the rim of the basin. • The floor or the surface expected th be occupied by persons • The horizontal plane 2.5m above the floor or the surface
Zone 2	Zone 2 is limited by <ul style="list-style-type: none"> • A vertical plane external th zone 1 and parallel plane 1.5m from the former. • By the floor or surface intended to be occupied by persons.

SPECIFICATIONS

BUBBLE SPA						
Model No. / Code	Shape	Seating Capacity	Water Capacity	Outside Dimensions	Height	Weight
PM-610S / Tuscany	Octagon	4 - 5 	860 Ltr (227 gal)	1.62m (64")	0.68m (27")	59.5kg (131.2lbs)
PM-710S / Tuscany	Octagon	5 - 6 	1200 Ltr (317 gal)	1.93m (76")	0.73m (29")	71.5kg (157.6lbs)

Control System Specs	PM-610S/710S
Control System	220-240V / 50Hz
Total Power	2300W
Heater	1500W
Massage Air Blower	3 Levels (Level 1: 300W, Level 2: 500W, Level 3: 720W)
Filter Pump	12V / 60W
Integrated Ozone Generator	5.5W, 30-50mg/Hr
Top Lid	Leather cover with foil inside
Pool Cover	Plastic wood
Pool Material	Rhino-Tech™ reinforced PVC

Note: The symbol "S" after model number (e.g. PM-610S) is for purpose of lab testing updating, S means zodiac sheep year English initials.

PRODUCT OVERVIEW

Packaging content

A. 	B. 	C. 	D. 
E. 	F. 	G. 	H. 
I. 	J. 	K. 	L/M. 
N. 	O. 	P. 	Q. 

NOTE: Drawings for illustration purpose only. Actual product may vary. Not to scale.

REF. NO.	PARTS DESCRIPTION	QTY.
A	Spa cover with aluminum foil inside	1
B	Spa liner	1
C	Control panel	1
D	Corner beam	8
E	Sponge rail	8
F	Open-end panel	1
G	Plastic wood panel	7
H	Heat preservation ground mat	1
I	Filter cartridge (twin pack)	1
J	Spa drain valve adaptor	1
K	Repair kit	1
L	Spa cover inflatable bladder	1
M	Inflation hose for bladder	1
N	Wrench	1
O	Control box without plug and leather cover	1
P	Foam connection and PVC leather strip	1
Q	Instruction DVD	1

NOTE: When ordering parts, be sure to quote the model number and part numbers.

FIRST USE AND SET-UP PREPARATION

Site preparation and requirements

- The spa can be installed indoor and outdoor. For household use only.
- The spa must be set up on a flat, smooth and supporting surface that is capable of supporting the maximum load of the filled spa with listed maximum occupants.
- Make sure the area is free of sharp objects under or around the spa. Uneven or unsound surfaces can damage the spa and void your warranty. Level the surface before filling spa with water.
- Provide adequate drainage system around the spa to deal with overflow water and splashes.
- Make sure there is enough clearance around the spa for full access to the spa equipment for maintenance and/or service.

Additional requirements for indoor installation

- Verify the supporting floor can support the filled weight of spa with maximum number of occupants. Check with a qualified contractor or structural engineer to verify the requirement.
- Make sure the floor is water resistant and provides non-slip surface. Do not install the spa on a carpet of any other material that could be damaged by the moisture.
- Humidity is a naturally side effect of indoor spa installation. The room shall be properly ventilated to allow moisture to escape. Install a ventilating system to prevent excess condensation moisture in the room.

Additional requirements for outdoor installation

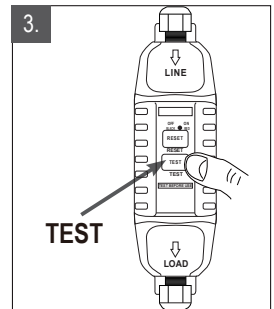
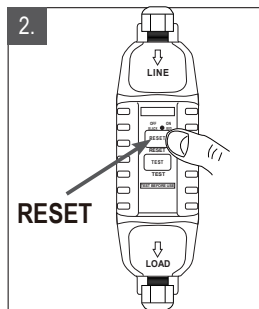
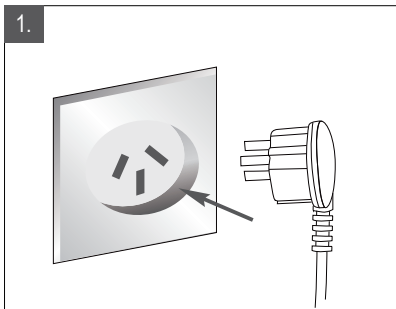
- Make sure to set up the spa on a firm, level and smooth surface that is strong enough to support the full weight of the filled spa and maximum occupants.
- Do not set up the spa on grass or dirt, as this increases the amount of debris entering the spa, and damage the spa floor.
- Do not leave the spa tub exposed to direct sun light for extend period of time.
- It is the possible to install and leave the spa outside at a temperature not lower than 4°C(39°F) and the water inside the circulation system, pump, pipe are not frozen. Put a Heat Preservation Mat or the Electric Heating Mat (*Optional) in between the spa bottom and the ground to prevent heat loss from the bottom of the spa and to provide better heat retention.

PRCD Testing

WARNING

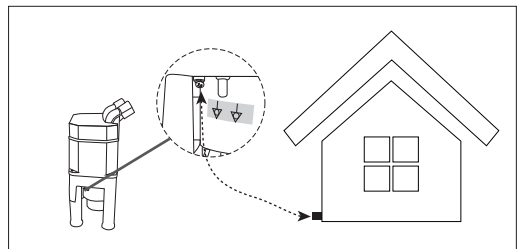
Risk of electric shock: This product is provided with a PRCD located at the end of the power cord. The PRCD must tested before each use. Do not use the spa if the PRCD does not function properly. Disconnect the power cord until the fault has been identified and corrected. Contact a licensed electrician to correct the fault. There are no serviceable parts in side the PRCD. Opening the PRCD will void the warranty.

1. Plug the machine into the mains.
2. Press the **RESET** button on the PRCD. The indicator turns red.
3. Press the **TEST** button on the PRCD. The PRCD indicator should shut off. If the PRCD indicator does not turn off, the PRCD is faulty.
4. Do not use the spa. Contact a qualified electrician to correct the fault.
Press the **RESET** button on the PRCD again. The indicator should turn red. If yes, the spa is ready for use.



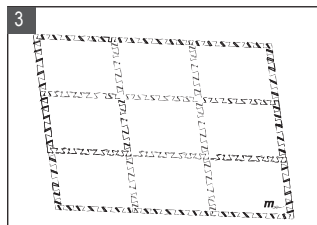
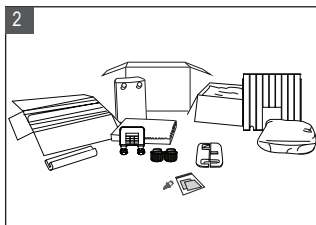
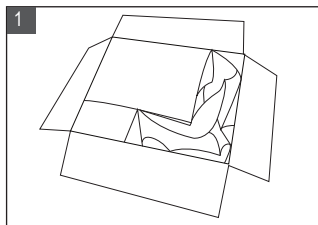
Spa Control Unit Connected External Equipotential Bonding Conductors

A qualified electrician shall wire the spa control unit to the household equipotential terminal using a minimum 1.5mm² solid copper conductor as follow.



SPA SET-UP

1. Move the entire package to the selected site. Open the carton carefully as it can be used to store the spa during long term storage or when not in use.
2. Lay out all the parts on the ground and make sure all parts are accounted for. (*For missing or damaged part, contact MSpa Service Center)
3. Spread out and connect the 9 pcs foam mat at a cleared area. Heat Preservation Mat prevents heat loss from the bottom of the unit.

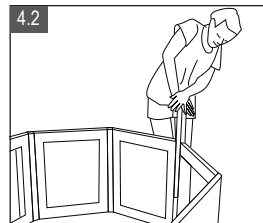
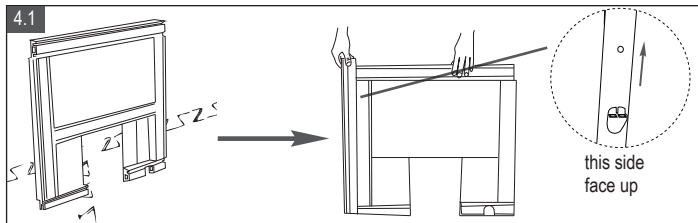


4. Spa wall assembly

- 4.1 First find the "Open-end panel" and place it to where you wish to locate your control box. Install the "Slide Corner Beams" onto each side of the "Open-end panel".

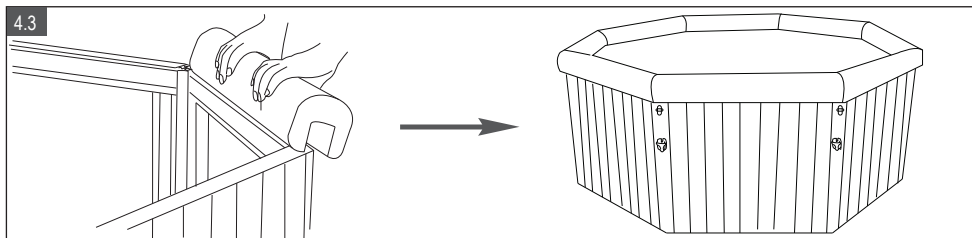
Note: Make sure the Corner Beams with the buckle plate side should face out. The silver twist end on the Corner Beam should be the upward side.

- 4.2 Continue attaching the side Corner Beams to the Wood Panels until the eight sides of the spa wall are installed completely, and shows a octagon shape.



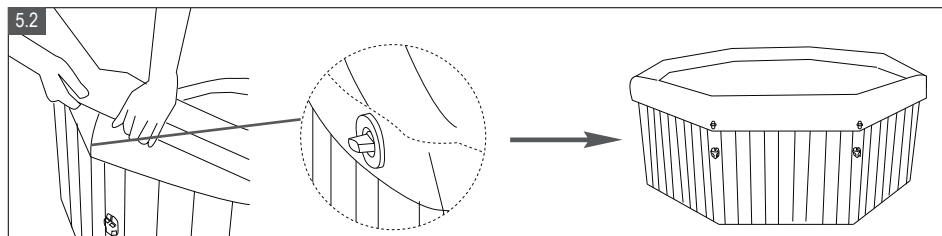
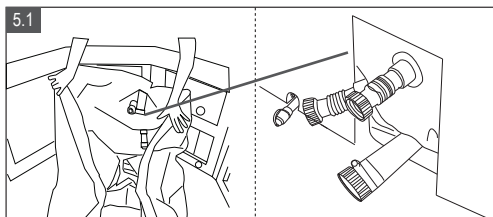
- 4.3 Place the Sponge Rails onto the wood panels top accordingly.

Note: The shorter side of the Sponge Rail should be face inside the spa pool.



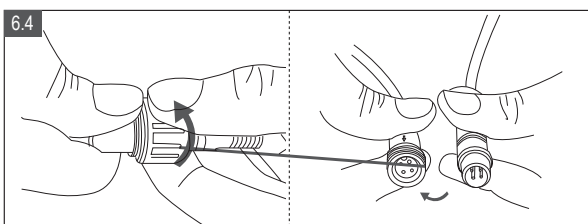
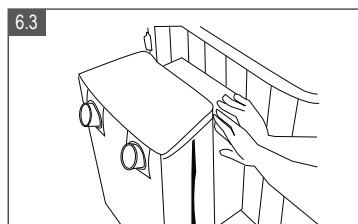
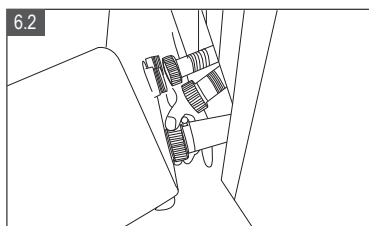
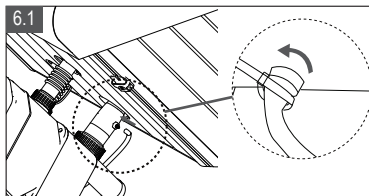
5. Spa liner assembly

- 5.1 Take out the Spa Liner, put it inside the spa wall frame. Make sure the Connection Pipe Joint Side on the liner stuck out the "Open-end panel" and go through the open section on the panel.
- 5.2 Stretch the top trim of the liner (Silver or Brown Trim) over the Sponge Rails. Lock the silver buckle on the trim onto the metal Twist Lock on the Corner Beams.



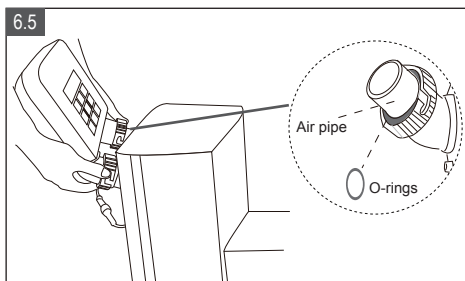
6. Control box installation

- 6.1 Connect the Ozone pipe to the PVC transparent pipe protruding from the Liner firstly and then fixed with nylon tie belt (Figure 6.1)
- 6.2 Connect the control box fittings to the pipes protruding from the Liner. Ensure the rubber gaskets are in place on the control box fittings. (Figure 6.2)
- 6.3 Place the Foam Connection pieces in between the spa pool and the control box. Wrap the foam connection piece with the leather cover. (Figure 6.3)
- 6.4 Connect the digital cable. Find the digital cable, loose the cap on the end, and plug into the cable port on the control panel. Once the cable is connected properly, the backlight of the buttons area will light up on the panel.





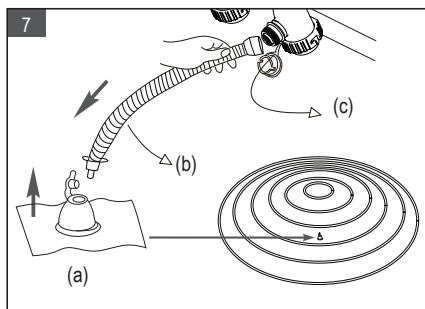
- 6.5 Connect the control panel to the control box. Fasten and secure the rings to the pipe adapter on the spa tub. (Figure.6.5) Make sure the rubber O-rings are properly placed on the air pipes. Close the panel zipper cover once the panel is installed.

CAUTION: Lost of the O-rings may result spa and the bubbling function working improperly, and also cause the air pump rusted. (Spare O-rings can be founded in the package).



7. Spa Bladder Inflation

- Open the air valve (a) on the bladder. Insert the inflation hose (b) into the valve.
- Press the Bubble  button to inflate until it is firm to touch but not hard.
- Press Bubble  button for more than 3 seconds to turn off the function. Disconnect the inflation hose from the air blower outlet and the valve
- Replace the air valve cap (c) back on the control panel. Close and recess the inflation valve (a).



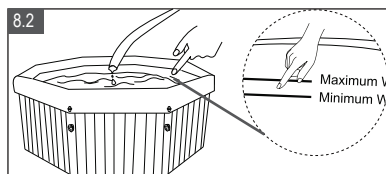
NOTE: Deflation Instruction

Spa Bladder Deflation

- Pull the valve cap out and squeeze the valve at its base until deflated.
- Close and recess the valve back.

8. Water Filling

- Check the spa liner is at the selected area and point the rain valve toward a suitable draining area.
- Fill the spa tub with fresh water to a level between **Minum** and **Maximum** line marked on the inside of the spa wall. Do not over fill the spa. It is recommended to fill the spa with lukewarm water for quick heating and energy saving.

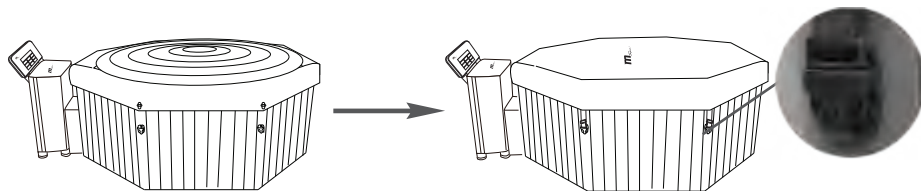


WARNING:

- Water level must reach the Minnum water line but not exceed the Maximum line to avoid pump failure.**
 - Never pour water with a temperature higher than 40°C(104°F) into the spa directly.**
 - To avoid control system failure, do not operate the spa until water reaches the Minnum line.**
- Place the inflated air bladder and the top lid cover over the spa tub, and make sure the spa cover are closed with buckles and lock the buckles by the key.

- 8.4 Turn on the Heater on the spa control panel, refer to the "Control Panel Operation" section. Maximum heating temperature is 42°C(108°F). Hourly heating rate is about 1.2°C-1.8°C (2°F-3°F) for PM-610S and 0.5°C-1.5°C (1.5°F-2°F) for PM-710S.

8.3



9. Buckle Operation

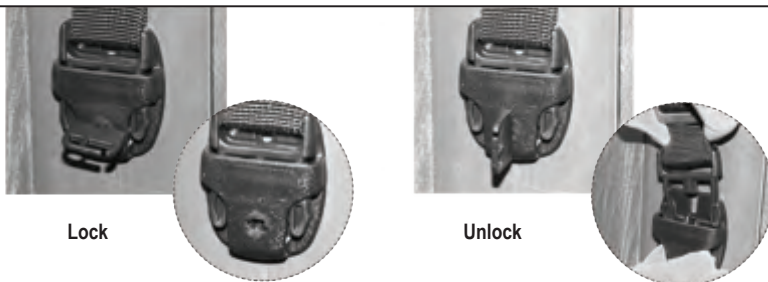
Lock the Buckle

- Insert the spa cover buckle into the buckle on the corner beam, until you hear a "Click" sound
- Lock the buckles by the key which is attached with top lid cover in original package.

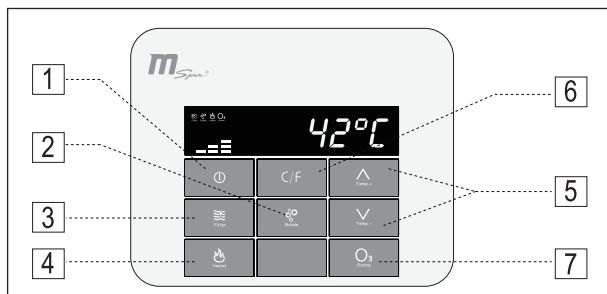
Unlock the Buckle

- Use the key to release the lock. Keep well the keys.

9



CONTROL PANEL OPERATION



1. ON/OFF Button
2. Bubble Button - Adjust the bubble level by pressing the button (L1:300W, L2: 500W, L3:720W)
3. Filter Button
4. Heater Button
5. Temperature UP & DOWN Button
6. Celsius/Fahrenheit Toggle Button
7. Ozonator Button



ON/OFF Button: To activate the control panel.

LCD displays the current temperature and backlight is white when the power is on, all functions can be opened.



Bubble Button: Can adjust among 3 levels of bubbling power. The default bubbling massage power is level 2 (500W) . Press the BUBBLE button again, switching to level 3 (720W) . Press again made to level 1 (300W) . To shut down the function, press the BUBBLE button for 3 seconds.

NOTE: The bubbling massage function will be shut down automatically after every 20 minutes operation for safety concern. It can not be operated within 10 minutes after shut down. The bubbling massage function will be filtered automatically after 4-hour.



Filter Button: Activate the filter pump. The Filter icon shows when the filtration system is activated.

NOTE: Filtration cannot be turned off when heating is activated. When the Heating function is turned off, Filtration will be stopped after 30 seconds. Filtration function can be then activated separately.

NOTE: Auto-filtration system every 4 hours.



Heater Button: Use this button to activate the HEATING and FILTRATION function at the same time. The heater will heat the spa water until the water temperature reaches the pre-set temperature. After the current water temperature drops below the set temperature, the heating system will restart automatically. The Heater icon shows when the heating system is activated. When the Heater icon is flashing, the heating system is at rest and the water is at set temperature.

NOTE: If you want to open the HEATING and FILTRATION functions, just press on the HEATER button.



Temperature Adjustment Buttons: To adjust the current temperature, press the UP or Down button, and the LCD screen flashes to display the set temperature. The temperature interval is one degree. The LCD displays the current temperature if no further operation more than 3 seconds.

NOTE: The default temperature is 38°C(100°F).

NOTE: Temperature adjustment ranges from 20°C(68°F) to 42°C(108°F).

C/F

Celsius/Fahrenheit Toggle Button: The temperature can be displayed in either Celsius or Fahrenheit. The system's default is Celsius.

O₃
Ozone

Ozonator Button: Activate the Ozone. The Ozone icon shows when the Ozone function is activated. For bathers' safety concern, the ozonator cannot be operated at the same time when the Bubbling function is on. The Ozonator will be off automatically after operating for 2 hours. Ozone output is 50-80mg/Hr.

NOTE: Please do not soak in the spa when the Ozone is on. The Ozonator will not work when the spa has no water or when the Bubble Button is on.

IMPORTANT : The following conditions will lead to slow water heating

- The ambient temperature is lower than 10°C(50°F)
- Outdoor wind speed is above 3.5-5.4m/s(8-12mph)
- The air bubble function is activated when heater is on
- The spa is not properly covered with the spa cover when heater is on

ERROR CODE CHART

LCD READING	CAUSE	SOLUTION
E0	Water temperature is lower than zero degree or exceed 55°C(131°F)	Change the water or contact the MSpa Service Center.
	Temperature sensor failure	
E1	Water pressure switch failure	Contact the MSpa Service Center.
	Filter failure	
	Water level is not at the minimum water line	Add more water to the minimum line.
E2	Detecting function failure	Contact the MSpa Service Center.
	No water in the spa tub	Add more water to the minimum line.
E3	System failure	<p>System self-checking</p> <p>Step 1: Fill water to the water line, and make sure that there is no bather or object in the spa tub.</p> <p>Step 2: Connect the power supply, press RESET button on the PRCD.</p> <p>Step 3: If E3 shows, contact the MSpa Service Center. If E3 is flashing, press ON/OFF, C/F, TEMP+ buttons once in sequence, enter to the self-checking system. If no error code shows, failure is not detected. It is OK to use the spa. If error code shows after self-checking, contact the MSpa Service Center.</p>
E4	Heating failure	Contact the MSpa Service Center.

WATER MAINTAINCE AND CHEMICALS

Water Sanitation

The spa owner must regularly check and keep the spa water sanitized with scheduled maintenance (daily, if necessary). Adding sanitizer or other chemical will control bacteria and viruses present in the spa water. The maintenance of a proper water balance through appropriate use of sanitizers is the most important factor in maximizing the life and appearance of the spa as well as ensuring clean, healthy and safe water. Proper technique is important for water testing and treating the spa water. See your spa professional for chemical, sanitizer, test kit and testing procedures questions.

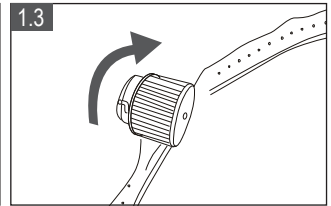
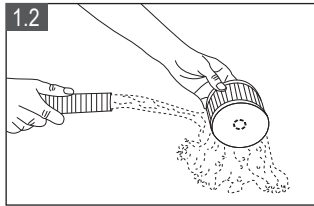
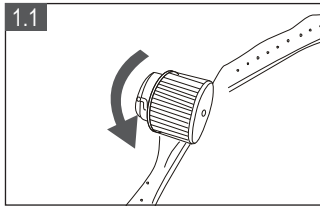
CAUTION:

- Always follow the chemical manufacturer's direction, and the health and hazard warning.
- Do not add chemicals if the spa is occupied. This can cause skin or eye irritation.
- Concentrated chlorine solutions can damage the spa tub. Improper chemical use will void the warranty.

Maintenance of Spa Water and Cartridge

Protect all the spa occupants from possible water related illness by keeping the spa water clean and sanitized. Always practice good hygiene. To ensure proper spa water quality by following these procedures:

1. Inspect and clean the filter cartridge after each use, and change the filter cartridge after it works continuously for 72 hours.
 - Unscrew the cartridge assembly from the spa tub wall and remove the cartridge by turning it counter clockwise (Fig. 1.1)
 - Use a garden hose to rinse off the cartridge. If the cartridge remains soiled and discolored it should be replaced. Keep spare cartridges on hand.(Fig.1.2). **There are two filter cartridges from the original package, one is for use, one is spare.**
 - Reinstall the clean or spare cartridge back onto the spa tub wall but turning it on clockwise. (Fig.1.3)



2. Change the spa water every 3-5 days depends on the spa use. See "Cleaning, draining and storage" section for instruction.
3. Use spa chemicals to maintain proper water chemistry. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty. Consult with your local spa or pool retailer for more information on chemical use.
4. All occupants must shower before entering the spa.
5. When spa inlet or outlet is stuck with dirt. Use the Wrench to check the problem and clean the inlet or outlet.



Water Balance

Maintain the spa water pH level between 7.2 and 7.8, total alkalinity between 80 and 120ppm and free chlorine level between 3 to 5ppm. Use the *optional Test Strips to test the spa water chemistry before each use of the spa and continue to test the water no less than once a week.


The Test Strips can test the “Free Chlorine”, “pH”, and “Total Alkalinity” level at the same time:

1. Dip the entire strip into the water and remove immediately
2. Hold the strip level for 15 seconds. Do not shake excess water from the strip
3. Compare the strip pad to the color chart on the packaging label. If necessary, adjust the chemical level in the pool water

NOTE:

- Low pH will damage the spa tub and pump. Damage resulting from the chemical imbalance will void the warranty.
- High pH (hard water) will result in white coagulations inside the filter pump; which may lead to pump damage.

IMPORTANT:

- MSpa Water Treatment kit is strongly recommended for spa use.
- Press the  Bubble button on the spa control panel to turn on the bubble air blower and help to dissolve the chemicals into the water.
- Never mix chemicals together. Add the chemicals to the spa water separately. Thoroughly dissolve each chemical before adding one to the water.




MSpa Water Treatment Kit

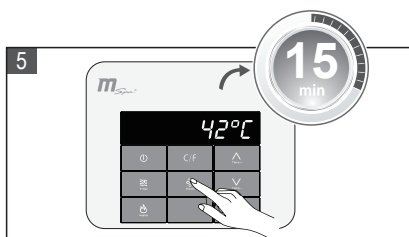
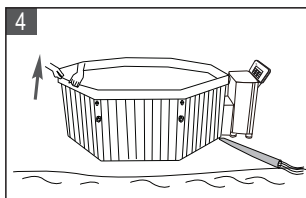
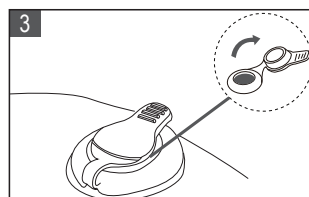
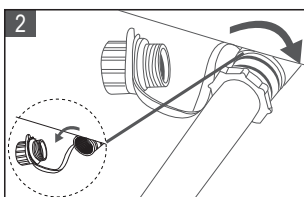
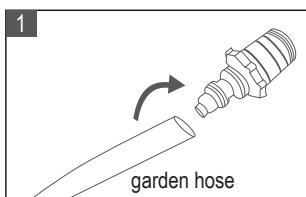
MSpa Water Treatment Kit (*Optional)

- **B0301858 MSpa Chemical Starter Kit (20 X 20g Bromine Tablets + 500ml Algaecide + Floating Dispenser)**
Disinfectant for water spas and pools. disinfectant, algaecide and bactericide.
- **B0301859 Bromine Tablets - 50 X 20g Bottle**
Slowly dissolve in water to provide active bromine sanitizer in the form of hypobromous acid.
- **B0301860 Chlorine Granules - 1Kg Bottle**
Adds isocyanuric acid to the spa water which resists chlorine loss from UV rays. Does not contain calcium, can be used to sanitize hard water without increasing the calcium hardness. Contains troclosene Sodium, dehydrate 100%.
- **B0301861 Algaecide - 1L Bottle**
Kills all types of algae, including green and mustard algae. Non-foaming algaecide for improving and conserving water in spas. Contains polymeric quaternary ammonium chloride 7%.
- **B0301862 pH Plus - 1Kg Bottle**
For increasing the pH in the spa water. Contains sodium Carbonate 100%.
- **B0301863 pH Minus - 1.5Kg Bottle**
For decreasing the pH in the spa water. Contains sodium bisulphate 100%.

DRAINAGE, CLEANING AND STORAGE

Spa Drainage

1. Turn off all the buttons (heater, filter and bubble) on the control panel unit.
2. Connect the drain valve adapter to a garden hose and point the other end of the garden hose to a suitable draining area with local environmental regulations (Fig.1)
3. Remove the drain valve cap from the outside of the spa tub and attach the drain valve adapter with the garden hose to the drain valve (Fig.2)
4. From the inside of the spa tub, open the drain valve cap, water will start to flow out through the garden hose (Fig.3)
5. When the water stops draining, release the buckle and lift the spa liner from the opposite to the drain, leading any remaining water to the drain and empty the spa water completely. (Fig.4)
6. Press  Bubble button to dry out any water in the piping system. Operate the bubbling function for 15 minutes to blow out all the remaining water. (Fig.5)
7. When the water stops draining, use a clean towel to wipe up any remaining water and moisture on the spa tub and spa control panel. (Fig.6)



Spa Tub Cleaning

If dirt is visible in the water or water becomes cloudy and proper water chemistry does not clear it up, change the water and clean the spa tub.

While spa water is empty, remove the cartridge from the inside of the spa tub wall, clean and /or replace the filter cartridge. Use a sponge and mild soap solution to wipe away any soil or stains on the inside of the spa wall. Rinse thoroughly before refilling with clean water.

IMPOTANT: Do not use steel wool, hard brushes or abrasive cleaners.

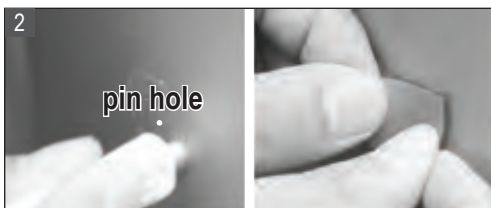
Spa Tub and Air Bladder Repair

Use the enclosed repair patch to repair any puncture:

1. Clean and dry the area to be repaired thoroughly
2. Apply the glue to the PVC patch and quickly attach it onto the damaged surface. (Glue is not included)

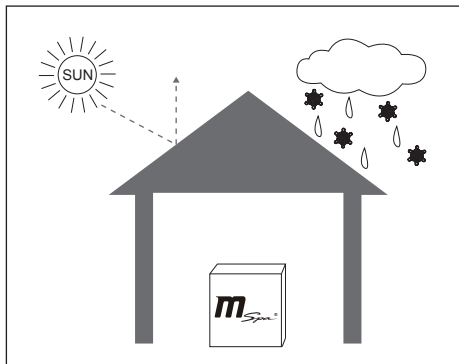
3. Smooth the surface to remove any air bubbles and allow it dry for 5-10 minutes

NOTE: Glue is not included.

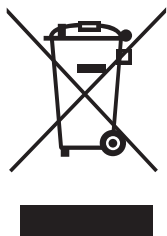


Storage and Prepare for the Next Time Use

1. Drain and clean the spa by following the "Drainage" and "Spa Cleaning" sections
2. Reserve the set up instructions to deflate and disassemble the spa tub, spa control unit and air bladder
3. Make sure all the spa components and accessories are thoroughly clean and dry before storage. Air-dry the spa tub in the mild sun for an hour before folding
4. Fold the spa tub loosely and avoid any sharp corners to prevent damage or leakage to the spa liner
5. Prepare new additional cartridge for next time use
6. Store the spa and accessories in a dry, temperature controlled, between 0°C- 40°C(32°F- 104°F) storage location
7. Original packaging is recommended to be used for storage




DISPOSAL AND ENVIRONMENTAL PROTECTION



This marking indicates this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. You can obtain information on disposal from your local authorities.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
NO DISPLAY ON THE CONTROL PANEL	Power failure	Check power source
	PRCD is off	Reset PRCD
	PRCD broken	Contact the MSpa Service Center
	Press the Reset button, control panel is not displayed	Contact the MSpa Service Center
	Digital cable connection failure 	Connect the digital cable once again, ensure the pins inside are well connected
NOT HEATING PROPERLY	Temperature set too low	Set a higher temperature
	Dirty filter cartridge	Clean or replace the filter cartridge
	Water level is not at the minimum water line	Add more water to the minimum line
	Heater failure	Contact the MSpa Service Center
	Filter pump broken	Contact the MSpa Service Center
BUBBLE AIR BLOWER DOES NOT WORK	Digital cable connection failure	Connect the digital cable once again, ensure the pins inside are well connected
	Auto-off 10 minutes	Wait for 10 minutes
	Unidirectional threshold is not open	Contact the MSpa Service Center
	Control panel failure	Contact the MSpa Service Center
OZONATOR FAILURE	Digital cable line connection failure	Connect the Digital cable once again, ensure the pins inside are well connected
	Water level is not at the minimum water line	Add more water to the minimum line
	One-way valve blocked	Contact the MSpa Service Center
	Filter pump does not work	Refer to "FILTER PUMP DOES NOT WORK" section
FILTER PUMP DOES NOT WORK	Filter stuck by dirt or other objects	Clean or replace the filter cartridge
	Filter system failure	Contact the MSpa service center
SPA LEAKING	Spa inlet/outlet connection not securely tight	Tighten the inlet and outlet connection
	Water leaks from the spa liner	Repair the leaking hole/spilt with the repair kit material
	Drainage valve is not closed completely	Contact the MSpa Service Center
WATER NOT CLEAN	Water has been used too long	Change the water
	Insufficient filtering	Increase filtration frequency
	Dirty filter cartridge	Clean or replace the filter cartridge in time
	Improper water maintenance	Refer to the chemical manufacture's instruction

CONTACT YOUR LOCAL MSPA DEALER OR SERVICE CENTER FOR ANY PRODUCT RELATED QUESTIONS OR PROBLEMS.

MSPA LIMITED WARRANTY

MSpa® has been manufactured with reliability and simplicity in mind. All products have been inspected and found free of defects prior to leaving the factory.

MSpa warrants this product against defects in material and workmanship for a period of:

1. Spa pool liner – **twelve (12) months** from original date of purchase.
2. Electric Parts (Control Box) – **twelve (12) months** from original date of purchase.
3. Spa rigid wall frames – **twenty-four (24) months** from original date of purchase.

The warranty period begins on the date of purchase and MSpa requires presentation of the original proof to purchase to ascertain the date. During the warranty period, MSpa will either repair or replace, at its discretion, any defective products. Replacement products or repaired parts will be warranted for only the unexpired portion of the original warranty.

Shipping Policy

Consumers are responsible for the shipping/freight when return the defect parts to MSpa authorized service center or ORPC-Oriental Recreational Products (Shanghai)Co., Ltd.

Warranty Policy

- This limited warranty does not apply to any defect resulting from negligence, accident, misuse, or other reason beyond MSpa's reasonable control, included but not limited to: normal wear and tear, negligence or failure to follow the product instructions, improper or inadequate maintenance; connection to improper power supply; chemical water damage, loss of pool water, unauthorized product modification or repair; use for commercial purpose; fire, lightening, flood or other external causes
- This warranty is valid only in the country of purchase in such countries where MSpa sells and services the same model with identical technical specifications
- Warranty service outside the country of purchase is limited to the terms and conditions of the corresponding warranty in the country of service. Where the cost of repairs or replacement is not covered by this warranty, MSpa will advise the owners and the cost shall be charged to the owner.
- This warranty only applies to the original purchaser and terminates upon any transfer of ownership.
- All repairs of which warranty claims are made must be pre-authorized by ORPC through an accredited distributor or agent provided that the defective part be returned to the distributor or agent Transportation Prepaid, if requested.
- All the authorized selling dealer is responsible for all in-field service work carried out on your MSpa product. ORPC will not be liable for results of cost of workmanship from unauthorized service person.
- Products marked with both MSpa and another producer are governed exclusively by the warranty provided by the other producer.

Warranty Registration

Registration is required. Warranty Card can be only filled out by mail. All claims must be submitted to ORPC by authorized selling dealers. It is essential that all submitted claims provide all the necessary information including Customer Name, Purchase Date, Series No., Product Model, Problem, and Parts requested. Without this information the warranty will be invalid. Warranty Card must be completed and mailed to ORPC by authorized dealer within Thirty (30) days from the original purchase date.

