



MSpa[®] Owner's Manual

D-AL04 / 06

Alpine

D-SC04 / 06

Silver Cloud

D-TE06

Tekapo

D-AU04 / 06

Aurora

EN

DO NOT RETURN MERCHANDISE TO YOUR DEALER STORE DIRECTLY.
CALL MSPA AFTER SALES SERVICE CENTER FOR PRODUCT QUESTIONS

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.



Intertek
3127647

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!

CONTENT

Safety precautions.....	3
Specifications and product overview.....	9
First use and set-up preparation.....	11
Spa set-up.....	13
Controller operation	17
Water maintenance and chemicals.....	19
Drainage, cleaning and storage.....	21
Disposal and environmental protection.....	22
Troubleshooting.....	23
Mspa delight limited warranty.....	25

IMPORTANT SAFETY INSTRUCTIONS

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 AND FOLLOW ALL INSTRUCTIONS

DANGER

DANGER: Risk of accidental drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children can not use this spa unless they are supervised at all times.

DANGER: Risk of injury.

a) Replace damaged cord immediately.

b) Do not bury cord.

c) Connect to a grounded, grounding type receptacle only.

DANGER: Risk of Injury. The suction fittings in this spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible. Never operate spa if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

DANGER: Risk of Electric Shock. Install at least 5 feet (1.5 m) from all metal surfaces. As an alternative, a spa may be installed within 5 feet of metal surfaces if each metal surface is permanently connected by a minimum 6 AWG solid copper conductor to the wire connector on the terminal box that is provided for this purpose.

DANGER: Risk of Electric Shock. Do not permit any high voltage electric appliance, such as a light, telephone, radio, or television, within 5 feet (1.5 m) of a spa.

WARNING


WARNING: The spa only for use in single-family dwellings.

WARNING: Risk of electric shock. Insert the plug only to a properly grounded socket.

- WARNING:** The spa must be supplied by an isolating transformer or supplied through a ground-fault circuit interrupter (GFCI) having a rated residual operating current not exceeding 30mA.
- WARNING:** GFCI must be tested before each use.
- WARNING:** If the supply cord is damaged, it must be replaced immediately by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- WARNING:** To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located receptacle.
- WARNING:** No part of the appliance is to be located above the bath during use.
- WARNING:** Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to a person in spa pool; Earthed appliance must be connected to the fixed receptacle which is permanently connected to fixed wiring. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa pool.
- WARNING:** The plug of spa shall be more than 3.5m away from the pool.
- WARNING:** Spray head must not be used.
- WARNING:** The outlet of Spa must not be connected to any tap or fitting other than those specified.
- WARNING:** Electric installations should fulfill the requirements of local standards.
- WARNING:** **To avoid the electric shock, do not use the spa when it is raining.**
- WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
- WARNING:** Water attracts children. Always have the Spa locked with its cover after each use.
- WARNING:** Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.
- WARNING:** Do not overexert press down or uplift the control panel device. Do not put any heavy on control panel device after installation.
- WARNING:** Pets should be kept away from spa to avoid damage.
- WARNING:** When the bubble function is going to be in function, make sure the cover of Spa must be opened first.
- WARNING:** Do not switch on if there is any possibility that the water in the spa is frozen.
- WARNING:** Use only approved accessories. Use of non-approved accessories could void the warranty.

- WARNING: RISK OF ELECTRIC SHOCK.** A wire connector is provided on this unit to connect a minimum 6 AWG solid copper conductor between this unit and any metal equipment, metal enclosures of electrical equipment, metal water pipe, or conduit within 5 feet (1.5 m) of the unit.
- WARNING: RISK OF ELECTRIC SHOCK.** Never operate any electrical appliance when in your spa or when your body is wet. Never place any electric appliance, such as a light, telephone, radio, or television, within 1.5m of spa. During pregnancy, soaking in hot water may cause damage to the fetus. Limit use to 10 minutes at a time.
- WARNING:** Do not expose spa under direct sunshine.
- WARNING:** **This product is provided with a ground-fault circuit-interrupter in the plug. The GFCI must be tested before each use. With the product operating, open the service door. When the product stops operating, this merely indicates that the door is equipped with an electrical interlock. Next, push the test button on the GFCI and close the service door. The product should not operate. Now open the service door, push the reset button on the GFCI and close the service door. The product should now operate normally. When the product fails to operate in this manner, there is a ground current flowing indicating the possibility of an electric shock. Disconnect the power until the fault has been identified and corrected.**
- WARNING: TO REDUCE THE RISK OF INJURY:**
- A. The water in a spa should never exceed 104°F(40°C). Water temperature between 100°F(38°C) and 104°F(40°C) are considered safe for a healthy adult. Lower water temperature is recommended for young children and when spa use exceeds 10 minutes.
 - 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 temperature to 100°F(38°C).
 - C. Before entering a spa, 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. Obese person and person with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before use a spa...
- F. Person 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.

A green coloured terminal or a terminal marked G, GR, Ground, Grounding, or the  symbol* is located inside the electric box. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment.

*** IEC Publication 417, Symbol 5019.**

At least two lugs marked "BONDING LUGS" are provided on the external surface or on inside the electric box. To reduce the risk of electric shock, connect the local common bonding grid in the area of the hot tub or spa to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG.

All field—installed metal components such as rails, ladders, drains or other similar hardware within 3 m of the spa or hot tub shall be bonded to the equipment grounding bus with copper conductors not smaller than No. 6 AWG.

SAVE THIS INSTRUCTIONS

- WARNING: CHILDREN SHOULD NOT USE SPAS OR HOT TUBS WITHOUT ADULT SUPERVISION**
- WARNING: DO NOT USE SPAS OR HOT TUBS UNLESS ALL SUCTION GUARDS ARE INSTALLED TO PREVENT BODY AND HAIR ENTRAPMENT**
- WARNING: PEOPLE USING MEDICATIONS AND/OR HAVING AN ADVERSE MEDICAL HISTORY SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR HOT TUB**
- WARNING: PEOPLE WITH INFECTIOUS DISEASES SHOULD NOT USE A SPA OR HOT TUB**
- WARNING: TO AVOID INJURY EXERCISE CARE WHEN ENTERING OR EXITING THE SPA OR HOT TUB**

- WARNING: DO NOT USE DRUGS OR ALCOHOL BEFORE OR DURING THE USE OF A SPA OR HOT TUB TO AVOID UNCONSCIOUSNESS AND POSSIBLE DROWNING**
- WARNING: PREGNANT OR POSSIBLY PREGNANT WOMEN SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR HOT TUB**
- WARNING: WATER TEMPERATURE IN EXCESS OF 100°F(38°C) MAY BE INJURIOUS TO YOUR HEALTH**
- WARNING: BEFORE ENTERING THE SPA OR HOT TUB MEASURE THE WATER TEMPERATURE WITH AN ACCURATE THERMOMETER**
- WARNING: DO NOT USE A SPA OR HOT TUB IMMEDIATELY FOLLOWING STRENUOUS EXERCISE**
- WARNING: PROLONGED IMMERSION IN A SPA OR HOT TUB MAY BE INJURIOUS TO YOUR HEALTH**
- WARNING: DO NOT PERMIT ELECTRIC APPLIANCES (SUCH AS A LIGHT, TELEPHONE, RADIO, OR TELEVISION) WITHIN 1.5 M OF THIS SPA OR HOT TUB**
- CAUTION: MAINTAIN WATER CHEMISTRY IN ACCORDANCE WITH MANUFACTURER' S INSTRUCTION**

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F(37°C). The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body. The effects of hyperthermia include

- (a) unawareness of impending hazard;
- (b) failure to perceive heat;
- (c) failure to recognize the need to exit spa;
- (d) physical inability to exit spa;
- (e) fetal damage in pregnant women; and
- (f) unconsciousness and danger of drowning.

- WARNING: THE USE OF ALCOHOL OR DRUGS CAN GREATLY INCREASE THE RISK OF FATAL HYPERTHERMIA IN HOT TUBS AND SPAS**
- WARNING: TO REDUCE THE RISK OF INJURY:** Never pour water which higher than 104°F(40°C) into the spa pool directly.
- WARNING:** The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia.

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F(37°C). The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia 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.

WARNING: Warning Label Instruction

Please carefully read the warning label at the first time you are going to use MSpa.

Please post this warning label on where is at a distance to MSpa within 1.5m/5', people in spa can see it clearly.

Please retain this information for future reference.

If the warning label is damaged or missing, please contact your country MSpa service center to get a new one.

 **CAUTION**

CONSULT YOUR PHYSICIAN FOR RECOMMENDATIONS.

CAUTION: The spa should not be setup or left out in temperature lower than 39°F (4°C):

CAUTION: Do not use the spa alone.

CAUTION: People with infectious diseases should not use a spa.

CAUTION: Do not use the spa immediately following strenuous exercise.

CAUTION: Always enter and exit the spa slowly and cautiously. Wet surfaces are slippery.

CAUTION: To avoid damage to the pump, the spa must never be operated unless the spa is filled with water.








CAUTION: Immediately leave spa if uncomfortable or sleepy.

CAUTION: Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in hazardous chemical spray.

CAUTION: Place only on surface that can withstand the floor loading requirement of your Spa.

NOTE: Please examine equipment before use. Notify after service center listed on center listed on this manual for any damaged or missing parts at the time of purchase. Verify that the equipment components represent the models that you had intended to purchase.

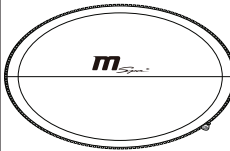
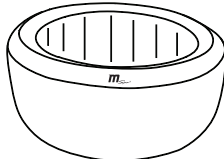
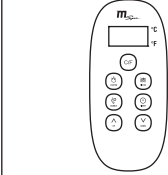

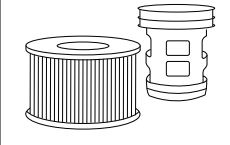
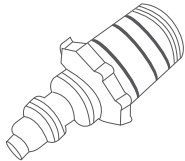
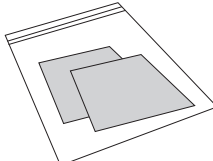

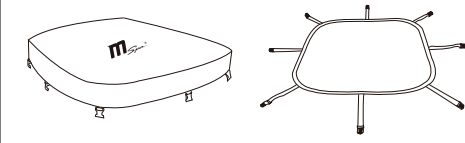
SPECIFICATIONS

MSPA DELIGHT BUBBLE SPA							
Model No. / Code	Shape	Seating Capacity	Water Capacity	Outside Dimensions	Inside Dimensions	Height	Weight
D-AL04 / Alpine	Square	4 	650 Ltr (171 Gal)	1.58 m (62")	1.18 m (46.5")	0.68 m (27")	26.5 Kg (58.4 Lbs)
D-AL06 / Alpine	Square	6 	930 Ltr (245 Gal)	1.85 m (73")	1.45 m (57")	0.68 m (27")	30 Kg (66.1 Lbs)
D-TE06 / Tekapo	Square	6 	930 Ltr (245 Gal)	1.85 m (73")	1.45 m (57")	0.68 m (27")	32.5 Kg (71.7 Lbs)
D-SC04 / Silver Cloud	Round	4 	700 Ltr (184 Gal)	1.80 m (71")	1.40 m (55")	0.70 m (28")	26 Kg (57.3 Lbs)
D-SC06 / Silver Cloud	Round	6 	930 Ltr (245 Gal)	2.04 m (80")	1.60 m (63")	0.70 m (28")	28.5 Kg (62.8 Lbs)
D-AU04 / Aurora	Round	4 	700 Ltr (184 Gal)	1.80 m (71")	1.40 m (55")	0.70 m (28")	27.5 Kg (60.6 Lbs)
D-AU06 / Aurora	Round	6 	930 Ltr (245 Gal)	2.04 m (80")	1.60 m (63")	0.70 m (28")	30.5 Kg (67.2 Lbs)

Control System Specs	D-AL04/06 / D-SC04/06 / D-TE06 / D-AU04/06
Control System	AC 110-120V/60Hz, 12A
Heater	675W x 2
Massage Air Blower	700W
Filter Pump	AC 24V/50W
Top Lid	Rhino-Tech™ reinforced PVC

PRODUCT OVERVIEW

Packaging content

<p>A.</p> 	<p>B.</p> 	<p>C.</p> 	<p>D.</p>  <p>* Except D-AL04/06 / D-TE06</p>
<p>E.</p> 	<p>F.</p> 	<p>G.</p> 	<p>H.</p> 
<p>I.</p> <p>For D-AL04/06 / D-TE06</p>  <p>* Buckle spa cover * Ground mat</p>		<p>J.</p> <div style="background-color: #f96; padding: 5px;"> <p>▲ WARNING / AVERTISSEMENT</p> <p>REDUCE THE RISK OF DROWNING: NEVER LEAVE CHILDREN UNATTENDED IN THE SPA. ALWAYS USE THE SPA WITH AN ADULT PRESENT. NEVER CONSUME ALCOHOL OR DRUGS WHILE USING THE SPA. NEVER USE THE SPA WHILE DRIVING OR OPERATING MACHINERY. NEVER USE THE SPA WHILE OPERATING A MOTOR VEHICLE. NEVER USE THE SPA WHILE OPERATING A POWER TOOL. NEVER USE THE SPA WHILE OPERATING A POWER LAWN MOWER. NEVER USE THE SPA WHILE OPERATING A POWER BLOWER. NEVER USE THE SPA WHILE OPERATING A POWER PRIMER. NEVER USE THE SPA WHILE OPERATING A POWER PUMP. NEVER USE THE SPA WHILE OPERATING A POWER SPLITTER. NEVER USE THE SPA WHILE OPERATING A POWER TOOL. NEVER USE THE SPA WHILE OPERATING A POWER LAWN MOWER. NEVER USE THE SPA WHILE OPERATING A POWER BLOWER. NEVER USE THE SPA WHILE OPERATING A POWER PRIMER. NEVER USE THE SPA WHILE OPERATING A POWER PUMP. NEVER USE THE SPA WHILE OPERATING A POWER SPLITTER.</p> </div>	

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 (D-AL04/06; D-TE06 comes with a ground mat with the cover)	1
B	Spa tub	1
C	Wired controller	1
D	Digital lock (D-AL04/06; D-TE06 excluded)	1
E	Filter cartridge*1, cartridge base	1
F	Spa drain valve adaptor	1
G	Repair kit	1
H	Wrench	1
I	Buckle spa cover and ground mat set (For D-AL04/06 / D-TE06)	1
J	Warning label	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.
- Provide a properly located power outlet to connect the spa and allow easy access for period testing of the cord mounted GFCI.
- 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

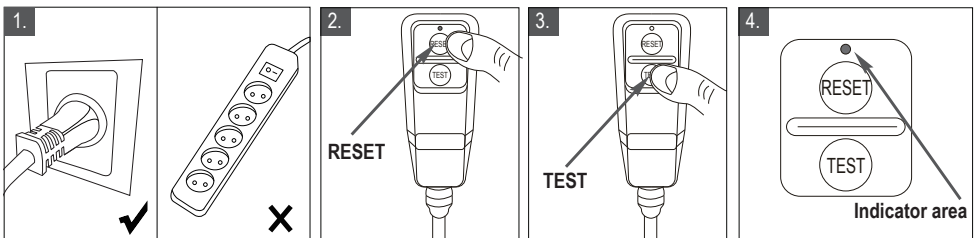
- Make sure to set up the spa on a firm, level and smooth surface that is strong enough to support the full weight of the filled spa and maximum occupants.
- Do not set up the spa on grass or dirt, as this increases the amount of debris entering the spa, and damage the spa floor.
- Do not leave the spa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

GFCI Testing

⚠ WARNING

Risk of electric shock: This product is provided with a GFCI located at the end of the power cord. The GFCI plug must tested before each use. Do not use the spa if the GFCI plug 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 GFCI plug. Opening the GFCI plug will void the warranty.

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

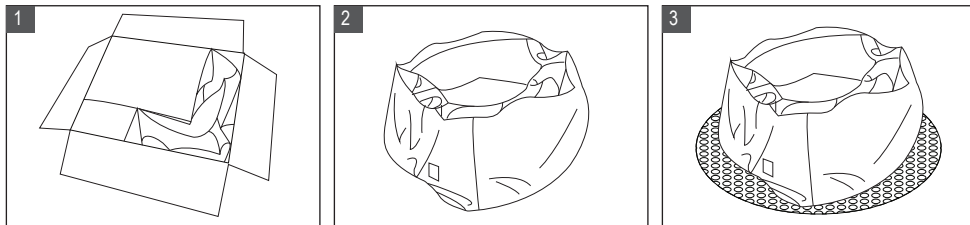


PRCD doesn't work on faulty sockets or plug boards.

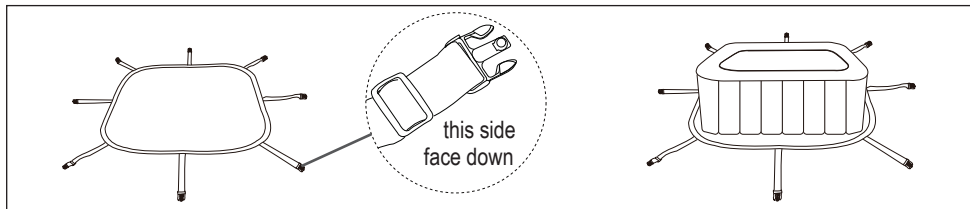
SPA SET-UP

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. Make sure the spa tube is right side up. (*For missing or damaged part, contact the MSpa Service Center)
3. Spread the Heat Preservation Ground Mat over a cleared area. Spread out the spa liner over the ground mat. Heat Preservation Mat prevents heat loss from the bottom of the unit.

NOTE: The heat preservation ground mat is not included for the MSpa DELIGHT package . We suggest to find a ground mat and put it between the ground and spa tub to help prevent scratch and heat loss.

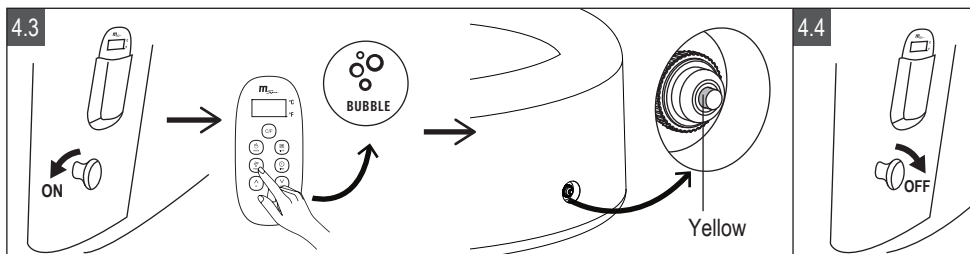


- **Alpine D-AL04/06, Tekapo D-TE06:** Spread out the square ground mat and place it to the selected site. Make sure the buckle of cover and mat is attached when spa not in use.



4. Spa Inflation

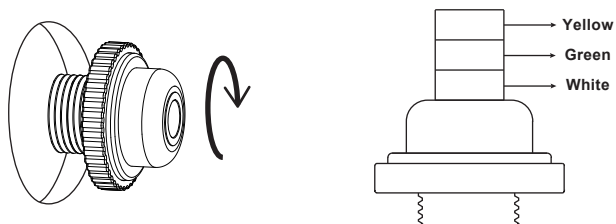
- 4.1 Plug the spa into the grounded supply socket.
- 4.2 Press the RESET button on the GFCI, the screen on controller shows numbers.
- 4.3 Turn the inflation knob to the inflation status <ON> and long press (≥ 2 minutes) the bubble button on the controller to start inflating until the **yellow** section of the manometer is pushed out.
- 4.4 Stop pressing the bubble button and turn the knob back to <OFF> .



Note:



Before inflation, check whether the manometer cap is screwed up tight on the valve of pool body. If not, please tighten and then inflate. After inflation, the manometer cannot be removed, otherwise the air will be released.



When the **Yellow** section is pushed out, the Spa inflation is completed. You can fill the Spa with water. After water filling is completed, check the air pressure once again to ensure the manometer reaches its **Green** section. Always ensure the manometer is in the **Green** section during use.

If the **White** section of the manometer appears, the spa is over inflated. Rotate the valve cap counter clockwise, have the air released till the **Green** section is pushed out, then tighten it clockwise.

To avoid over inflation caused by warm weather or sunshine when leaving spa for weeks inflated and filled with water in temperature higher than 68°F (20°C), please release some air to make sure the manometer is always on in the **Yellow** section.

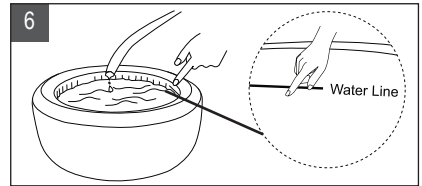
NOTE: Deflation Instruction

Spa Deflation

1. Unscrew the air valve cap on the spa pool to deflate the spa.
2. Once the deflation is completed, place the cap back.

6. Water Filling

- 6.1 Check the spa liner is at the selected area and point the drain valve toward a suitable draining area before inflation.
- 6.2 Fill the spa tub with fresh water below **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.



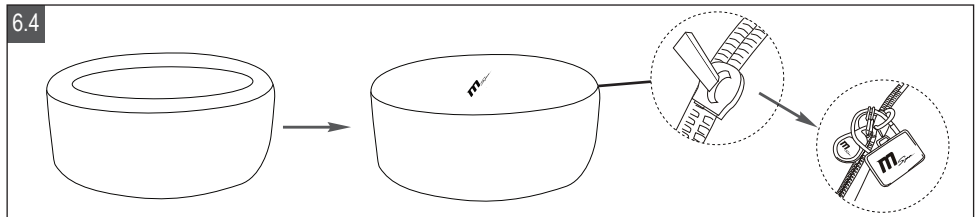
WARNING:

- **Water level must not exceed the Maximum line to avoid pump failure.**
- **Never pour water with a temperature higher than 104°F(40°C) into the spa directly.**

- 6.3 After water filling, double check the spa pool air pressure to make sure the manometer points out the Green section.
- 6.4 Place the zipper spa cover over the spa tub, and make sure the spa cover zipper are closed and lock the cover by the digital lock in the accessory pack.

IMPORTANT:

- Inspect the spa pressure regularly for leak, premature wear or deterioration.
- Check and wax the zipper regularly, to make it smooth for operation and avoid splits.



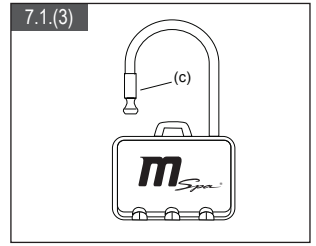
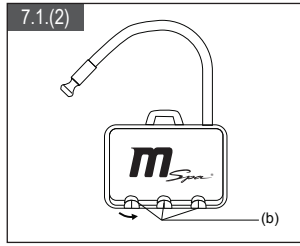
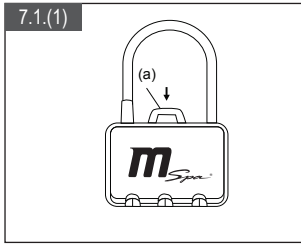
- 6.5 Turn on the Heater on the spa control panel, refer to the "Control Panel Operation" section.
Maximum heating temperature is 104°F(40°C). Hourly heating rate is about 3.5°F-4.5°F(2°C-2.5°C) for 2 and 2+2 persons, 2.5°F-3.5°F(1.5°C-2°C) for 4 persons and 2°F-3°F(1.2°C-1.8°C) for 6 persons.

7. Zipper and Buckle Operation

7.1 Digital Lock Operation

Original password is "000". Following the steps below to change the password:

- Push the button (a) in the direction of Fig. 9.1.(1) to unlock the digital lock.
- Set your preferred password in 3 digits by turning the number wheel (b), see Fig.9.1.(2).
- Insert back the cable (c). The new password is set.



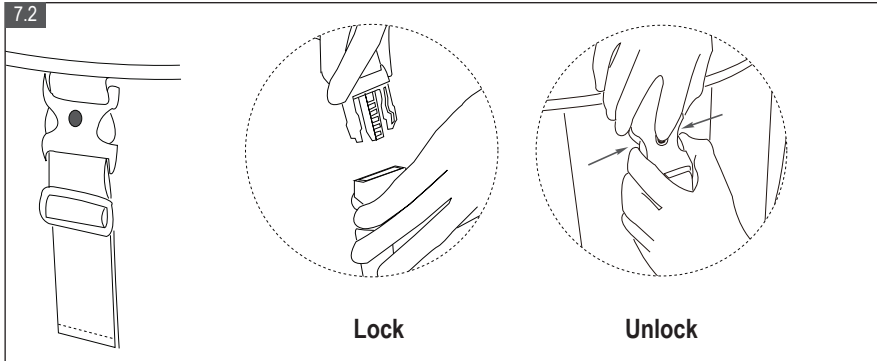
7.2 Square Spa Buckle Lock Operation

Lock the Buckle

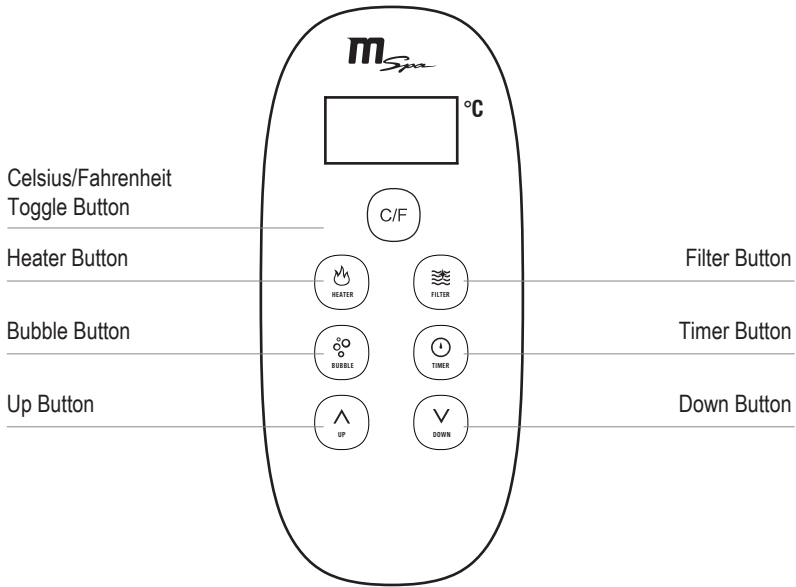
- Insert the buckle on the Ground Mat into the Spa cover buckle, until you hear a “Click” sound.

Unlock the Buckle

- Pinch both sides of the locked buckle, and press down the round dot in center in the same time. Press down the center button and release the lock.



CONTROLLER OPERATION



Temperature display: Insert the plug into the socket, the current temperature is displayed on the screen.



Heater Button: Press HEATER button to start or stop heating.

The filter will automatically be running for 15 seconds to test the working condition once the HEATER function is started. If there is no abnormality, the heater will keep working until the water temperature reaches the set value. After the water temp is lower than the set temp, the heater will restart to heat the water automatically. The HEATER button displaying red means that the heating system is activated. The HEATER button displaying green means that the system is at rest and keeping the water in set temp.



Filter Button: Press FILTER button to turn the function on/off. The light of FILTER button display green when 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 automatically activated every 4 hours.



Bubble Button: To activate the bubbling massage function. The light of Bubble button displays green when activated. The bubbling will be shut down automatically after every 20 minutes operation for safety concern. It can be re-activated 10 minutes after shutdown.

Attention: The bubble function can only be activated when the inflation knob is in <OFF> position.



Adjustment Buttons: Press UP or DOWN button, the screen flashes setting temperature. Re-set the temperature within 3s. Otherwise the temperature setting mode will automatically end. If other button is pressed during the setting, the setting will also stop. The current temperature shown on the screen is confirmed.



NOTE: Default setting temperature is 100°F (38°C); Temperature setting range: 68-104°F (20-40°C).

Controller Locking: Press UP and DOWN button at the same time for 3s, the buzzer will ring 3 times, meaning that the controller is locked. In this mode, function will not be turned on if the button is pressed. Press UP and DOWN button at the same time again for 3s to unlock the controller.



Timer Button: Press the TIMER button to enter intelligent pre-setting mode. By press UP and DOWN button, you can set and start heating automatically in up to 99 hours. The TIMER setting is confirmed if no further operation in more than 3s or press TIMER button again. The heater will start working after current setting hours. The setting hour can also be changed by entering the pre-setting mode again. The light of TIMER button flashes **green** when activated.

Cancel: Press the TIMER button for 3s to cancel the pre-setting.

NOTE: The pre-setting function cannot be turned on during heating process. The pre-setting mode will also end after heating function is on or after the spa is reboot.



Celsius/Fahrenheit Toggle Button: The temperature can be displayed in either Celsius or Fahrenheit.

Filter Cartridge Cleaning Reminder: When red light keeps flashing (Filter function is OFF) or red and green lights alternately flashing(Filter function is ON), the filter cartridge shall be cleaned or replaced. After that, press Filter button for 3s to delete the reminder.

IMPORTANT: The following conditions will lead to slow water heating

- The ambient temperature is lower than 50°F(10°C)
- 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

MAINTENANCE

	FREQUENCY	ACTION
Filter Cartridge	Cumulative use up to 150hrs, or cleaning reminder is activated	Clean the filter cartridge or change a new one The filter cartridge may need to be replaced within 150hrs for initial use.
SPA	Not in used for 2~3 days or longer	Use an overall cover for protection
	Check water quality in time and adjust to recommended range	Use water treatment products to adjust

ERROR CODE CHART

LCD READING	CAUSE	SOLUTION
E0	Water temperature is lower than zero degree or too high	Change the water or contact the MSpa Service Center.
	Temperature sensor failure	
E1	Water level is too low	Add more water to the water line.
	Water pressure switch failure	Contact the MSpa Service Center.
	Filter failure	

WATER MAINTENANCE 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 reproduction 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.

Water Balance

Follow below instructions to maintain the spa water.

PARAMETER	TEST FREQUENCY	CORRECT LEVEL
pH	Daily	7.2-7.6 when using Chlorine; 7.2-7.8 when using Bromine
Free Chlorine	Daily	3-5 ppm
Bromine residual	Daily	2-4 ppm
Total Alkalinity (TA)	Weekly	80-120 ppm
Total Hardness (TH)	Weekly	200-500 ppm

NOTE:

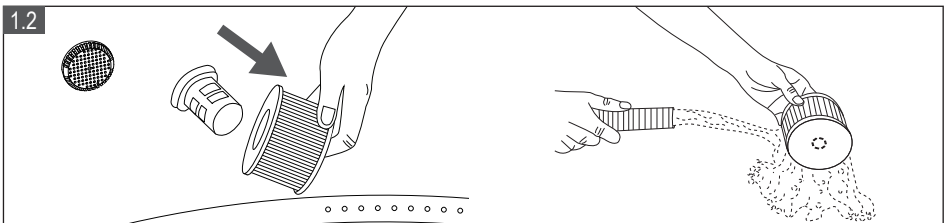
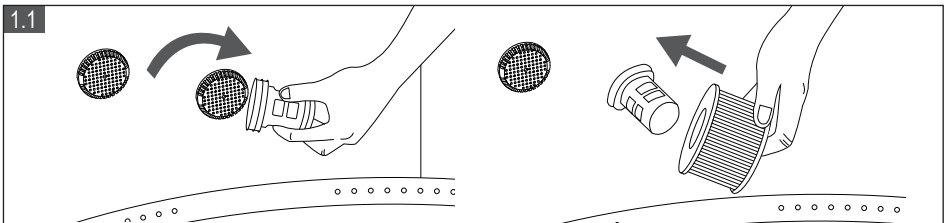
- Low pH will damage the spa tub and pump. Damage resulting from the chemical imbalance will void the warranty.
- High pH (hard water) will result in white coagulations inside the filter pump; which may lead to pump damage.

Water Treatment:

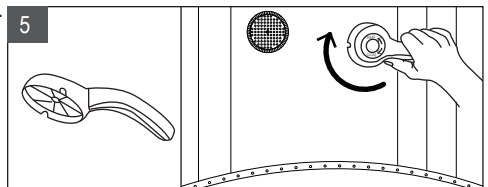
- Always follow the chemical manufacturer's direction, and the health and hazard warning.
- Bromine tablets is highly recommended for D-TE06.
- Never mix chemicals together. Add the chemicals to the spa water separately. Thoroughly dissolve each chemical before adding one to the water.
- Please note that chlorine and bromine products should never be mixed. This is extremely dangerous. If you usually use chlorine-based products and you want to switch to bromine-based products, or vice versa, it is mandatory to completely change the spa water before any product changes.
- Do not add chemicals if the spa is occupied. This can cause skin or eye irritation.
- Do not over use the chemicals, or use concentrated Chlorine. This can damage the spa tub and cause potential hazard to your skin. 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. Ensure proper spa water quality by following these procedures:




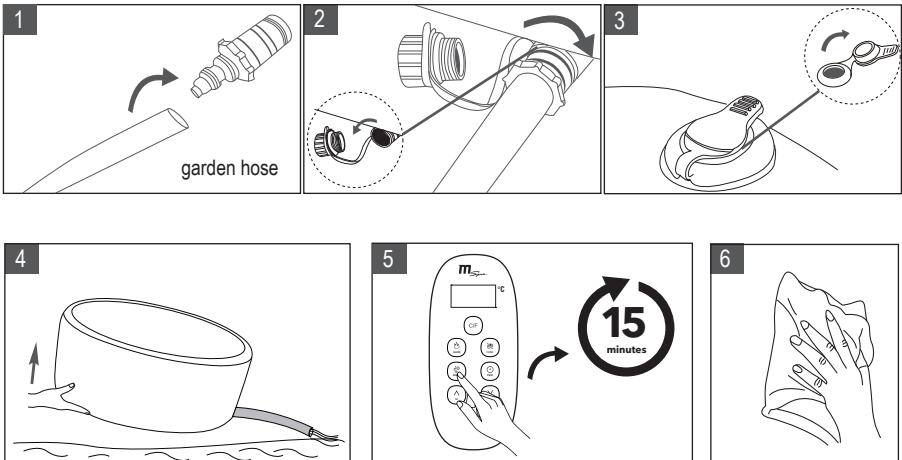
2. Change the spa water every 3-5 days depends on the spa use. See "Cleaning, draining and storage" section for instruction.
3. Use spa chemicals to maintain proper water conditions. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty. Consult with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



DRAINAGE, CLEANING AND STROAGE

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, lift the spa tub wall 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. 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.

After the spa water is drained, 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.

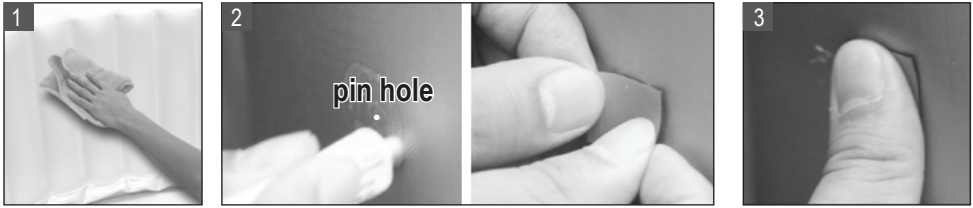
IMPROTANT: Do not use steel wool, hard brushes or abrasive cleaners.

Spa Tub and Air Bladder(*Optional) Repair

Use the enclosed repair patch to repair any puncture:

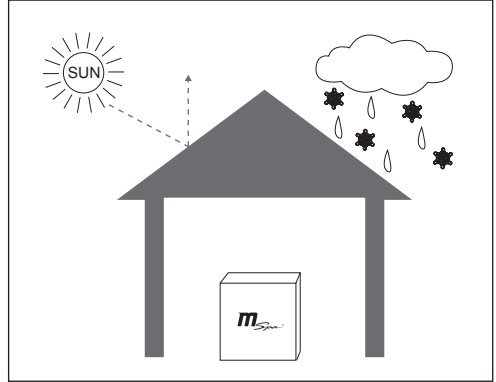
1. Clean and dry the area to be repaired thoroughly
2. Apply the glue to the PVC patch and quickly attach it onto the damaged surface. (Glue is not included)
3. Smooth the surface to remove any air bubbles and allow it dry for 5-10 minutes

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 (*optional)
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 32°F - 104°F (0°C - 40°C) 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 WIRED CONTROLLER	Power failure	Check power supply
	GFCI is off	Reset GFCI by following GFCI Testing section
	GFCI broken	Contact the MSpa Service Center
	Press the Reset button, Control Panel is not displayed	Contact the MSpa Service Center
NOT HEATING PROPERLY	Water level is not at the minimum water line	Add more water to the minimum line
	Temperature set too low	Set a higher temperature
	Dirty filter cartridge	Clean or replace the filter cartridge
	Heater failure	Contact the MSpa Service Center
	Filter pump broken	Contact the MSpa Service Center
BUBBLE AIR BLOWER DOES NOT WORK	Auto-off 10 minutes	Wait for 10 minutes
	Inflation knob is in <ON> position	Turn the knob to <OFF> position and turn on the bubble button again.
	Unidirectional threshold is not open	Contact the MSpa Service Center
	Control panel failure	Contact the MSpa Service Center
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

PROBLEM	CAUSE	SOLUTION
SPA TUB IN AN ABNORMAL SHAPE	Extra air pressure by strong sunlight	Check the air pressure and release some air if necessary. In hot weather, it is recommended to check if it is necessary to release some air to avoid any possible damage to the spa pool
SPA LEAKING	Spa inlet/outlet connection not securely tight	Tighten the inlet and outlet connection
	Drainage valve is not closed completely	Close the drainage valve. Contact the MSpa Service Center, if spa is still leaking
	Water leaks from the spa pool body	Repair the leaking hole/spilt with the repair kit material
SPA LOSES AIR PRESSURE	Air valve got loosen	Inflate the spa till the Yellow section of the manometer is pushed out. Make sure the valve is screwed tightly. Replace the valve if necessary.
	Hole or split on the spa tub	Put soap water in a squirt bottle and spray on seams. If there is a leak, small bubbles will come out. After you find the leak, clean and dry the leaking area, then use the repair patch comes with your spa to repair. Check the repair section on P23.
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 DELIGHT 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:

SIX (6) Months - spa pool, **ONE (1) Year** - electric parts

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

Please always keep the purchase receipt, warranty card in case of future warranty inquiry. All claims must be submitted to MSpa authorized dealers or service partners. Warranty contact information is provided on the back of the warranty card. It is essential that all submitted claims provide all the necessary information, including Customer name, Purchase receipt, Serial No., Product No., Problem, and Parts requested.