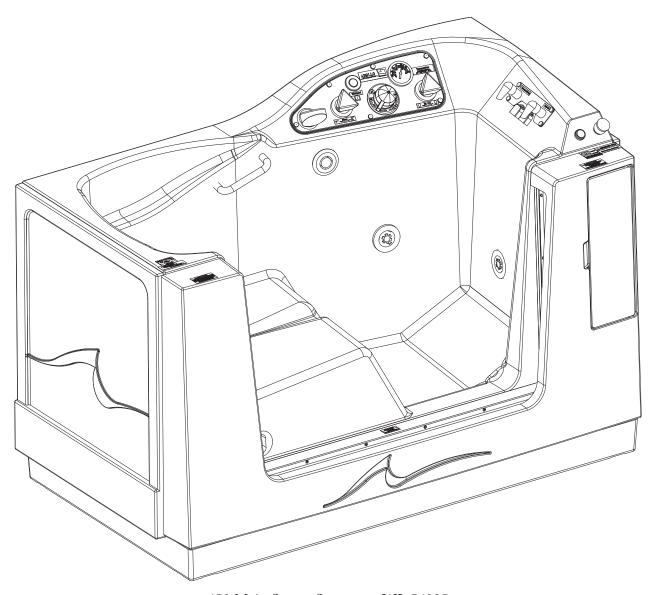


(Manual Part Number 990-101)



450 Main Street, Somerset, WI 54025 Phone: 715.247.5625 Fax: 715.247.3424 http://www.apollobath.com



Product Identification

Product:	
Model:	
Essence [™] Spa Serial Number:	
Optional Features	
Remedy® UV Infection Protection™ System	

For Assistance Contact:

Apollo Corporation
450 Main St
Somerset, WI 54025
+1 (715) 247-5625
Fax +1 (715) 247-3424
techservice@apollobath.com
http://www.apollobath.com

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Essence™ Spa Operating Manual

Forward

Thank you for purchasing the Essence[™] Spa Bathing System from the Apollo Corporation. Please read this manual carefully before operating your new bathing system.

Apollo Bathing Systems are designed and built to give you years of reliable service. To realize the maximum benefits from your system, it must be properly operated and maintained. This System Operating Manual gives you the information needed for normal day-to-day resident bathing.

The primary purpose of this operating manual is to introduce the key information and features of the Essence[™] Spa, present the benefits of this system, explain and define the critical warnings and precautions that are required to be taken with the bathing system, and define the pre-bath, bathing and post-bath procedures.

Read the Operating Manual thoroughly.

The information in this Operating Manual is important. All personnel operating the Essence™ Spa must read and understand this manual completely. Any questions should be directed to the Apollo Corporation or an authorized representative.

+1 (715) 247-5625 or techservice@apollobath.com

Revision 1 -5- March 2013

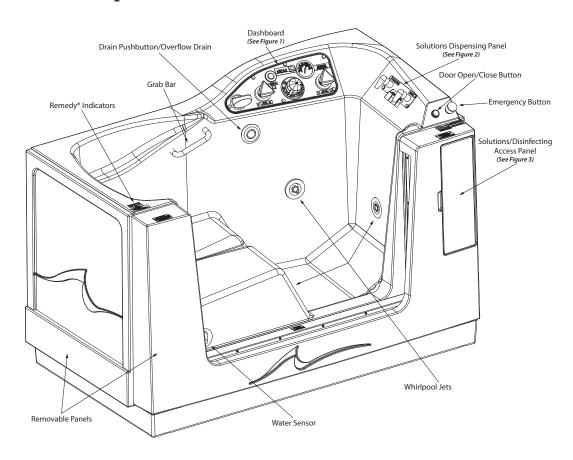
Essence™ Spa Operating Manual

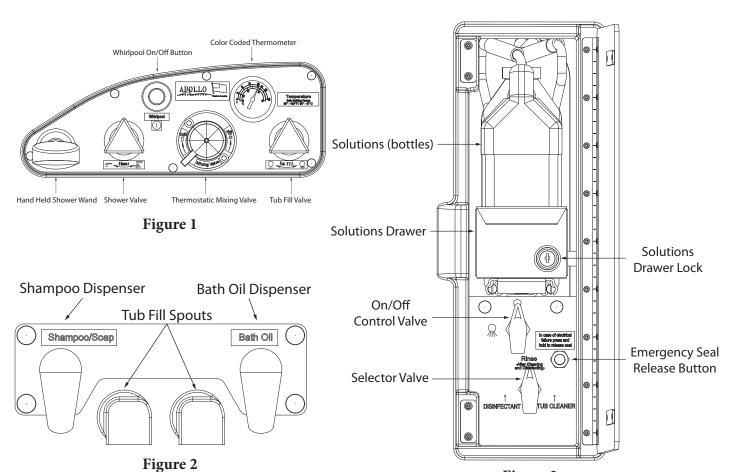
Critical Warnings

This Operating Manual provides you with the information required for normal day to day bathing. To realize the maximum benefits from your bathing system, it is important that you read and understand all of the information in this manual. If you do not understand or require additional information, please contact Apollo Corporation at +1 (715) 247-5625.

Critical \	Warnings
Symbol	Description
^	Warning/Caution
	This symbol warns that failure to follow or understand the accompanying instructions could potentially result in injury.
^	Electrical Current Warning
4	Electrical current can cause server injury or death.
	Hot Water Warning
	Hot water above 110° Fahrenheit (43° Celsius) can scald people, causing severe injury or death.
A	Wet Floor Warning
	Damp or wet floors can be slippery. This may result in falls and serious injuries.
^	Infection/Disease Warning
	Failure to clean and disinfect bathing equipment can foster the spread of infection or disease.
^	Watch for Legs and Fingers
	Be aware of arms, legs, and fingers when raising and lowering the tub door.
	Important Notice
NOTE	This symbol represents additional and useful information that will aid in the proper use of the Essence™ Spa.

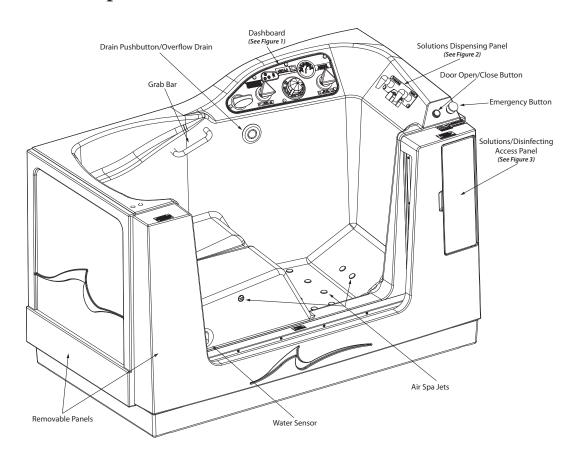
Key Features - Whirlpool

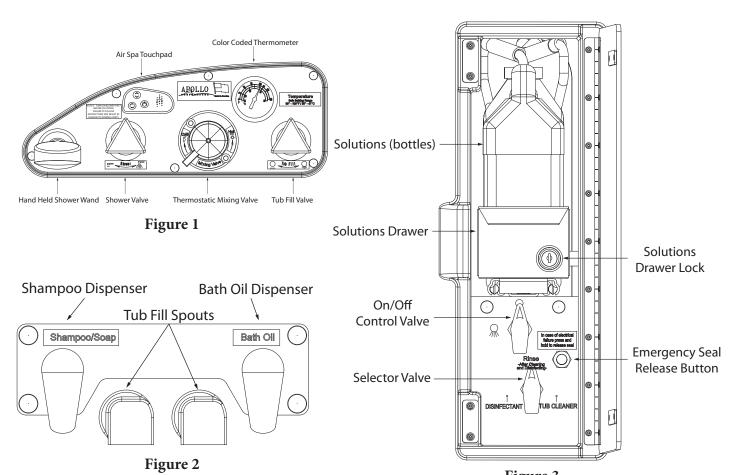




Revision 1 Figure 3 March 2013

Key Features - Air Spa





Revision 1 -8- Figure 3 March 2013

Prior to Operating the Essence[™] **Spa**

Prior to operating the Essence[™] Spa, it is critical that the following items be performed.

Proper Training

Proper training in the use of the equipment is required and will enhance the pleasure of the bathing experience. It will also provide the required safety awareness that must be observed with this and all bathing equipment.

Door Safety

The Essence™ Spa has a unique powered door system that provides a large door with a low entry height to provide an easy entry. This door can also sense obstructions or resistance during operation to protect the resident from injury. Because of the sensitivity of this system, *the door must be stored in the up position when not in use*. If the door is left in the down position for an extended period of time, the safety system in the door may prevent the door from rising completely. This occurs because the door material can retain a curl from being left in the down position. This extra resistance is sensed by the safety system and the door stops. If this occurs, it may be necessary to lightly assist the door while it is going up, until the door gets to the full up position and is sealed. The door should function normally after it has been in the up position through the next bathing cycle. To prevent this, *be sure to leave the door in the up position between baths*.

Check proper operation of the mixing valve

Hot water can scald. It is important that a comfortable bathing water temperature be reached and maintained. Open the drain and turn on the water to the bath. Monitor the incoming water by watching the color coded thermometer and by feeling the water as it enters the bath. Adjust water to desired temperature by rotating the control knob of the mixing valve. The mixing valve is number coded as well as color coded. Rotating the knob toward the lower numbers delivers cooler water and rotating the knob toward the higher numbers delivers warmer water. If comfortable water cannot be reached or maintained, immediately contact a qualified maintenance person, or the Technical Service Department at the Apollo Corporation.

To prevent possible personal injury from slippage, be sure the floor around the bathing area is kept dry and a non-slip mat or towel is available to step on when exiting the bath.

Transportation and Storage Conditions

- Ambient Temperature: -40°F to 158°F (-40°C to 70°C)
- Relative Humidity Range: 10% to 100%
- Atmospheric Pressure Range: 500 to 1060 hPa

Operation Conditions

- Ambient Temperature: 75°F to 95°F (24°C to 35°C)
- Relative Humidity Range: 10% to 100%
- Atmospheric Pressure Range: 500 to 1060 hPa

This unit is considered a continuous use - Class I Electrical device.

PLEASE LEAVE DOOR IN THE UP POSITION WHEN NOT IN USE





Remedy® UV Infection Protection™ System (if applicable)

Your bathing system may be equipped with the Remedy® UV Infection Protection™ System, an electronic germicidal ultraviolet (UV) light disinfecting system.

When you operate the bathing system, the bath water is continuously circulated through two ultraviolet chambers, where the water passes over and around two UV lamps.

The UV light is monitored electronically, and the two green indictor lights show that the UV light is sufficient to disinfect.

The Remedy® UV Infection Protection™ System is automatic; it turns on and off with the whirlpool operation and has no separate controls.

Use only ultraviolet transmissible cleaners, disinfectants, soaps, and bath oils; such as Apollo's Turbo Clean™ Pre-disinfectant Chelating Detergent, Cid-A-L™ II Quaternary Disinfectant, Hygena™ Shampoo and Body Wash, and Therasol™ Natural Bath Oil. Use of other cleaners, soaps, and bath oils is not recommended and could compromise the Remedy® UV Infection Protection™ System.

Cleaning & Disinfecting

Your Essence[™] Spa has a built-in cleaning and disinfecting system and arrived with an Essence[™] Spa Intro Pack which includes Turbo Clean[™] Pre-disinfectant Chelating Detergent and Cid-A-L[™] II Quaternary Disinfectant. Turbo Clean[™] is used after each bath to remove residue, bacteria and gross soils. Cid-A-L[™] II is used after each cleaning to effectively kill bath-borne bacteria, fungi and viruses.

Your Essence[™] Spa is calibrated to dilute Turbo Clean[™] and Cid-A-L[™] II at the mixture stipulated by the manufacturer's instructions. Use of other cleaners and disinfectants is not recommended and could compromise the overall process.

With Remedy® UV Infection Protection™ System

- Always follow the Cleaning Procedure after every bath.
- It is not necessary to follow the Disinfecting Procedure after every bath in the same bathing session.
- For a Special Care Resident or in the event potentially infectious matter is released into the tub (e.g. fecal matter, wound debridement, blood, mucus, etc.), consult infection control management to determine if terminal disinfecting (Disinfecting Procedure) is required before using again.
- Always follow the Disinfecting Procedure after the last bath of the bathing session.

Without Remedy® UV Infection Protection™ System

• Always follow the Cleaning and Disinfecting Procedure after every bath.

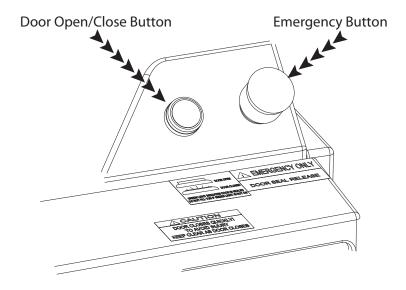
Replacing Solutions

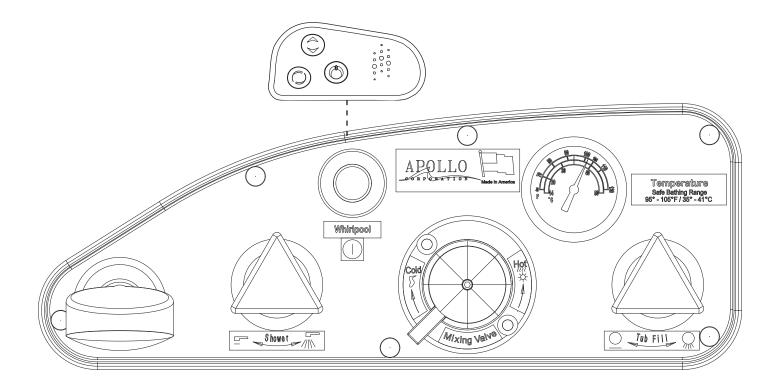
• Place solutions in the drawer as indicated by the label located on the side of the drawer. The correct order from back to front is Soap, Bath Oil, Disinfectant, and Tub Cleaner.

Emergency Resident Removal

In a life threatening situation all attention must focus on resident welfare, removal from the tub, and acquiring medical assistance.

- 1. Pull the Emergency Button out and the door will open. Allow the water to drain to the floor.
- 2. Remove Resident and attend to emergency.
- 3. Turn off Whirlpool/Blower (if on).
- 4. Turn off Tub Fill Valve (if on). Open the Tub Drain.



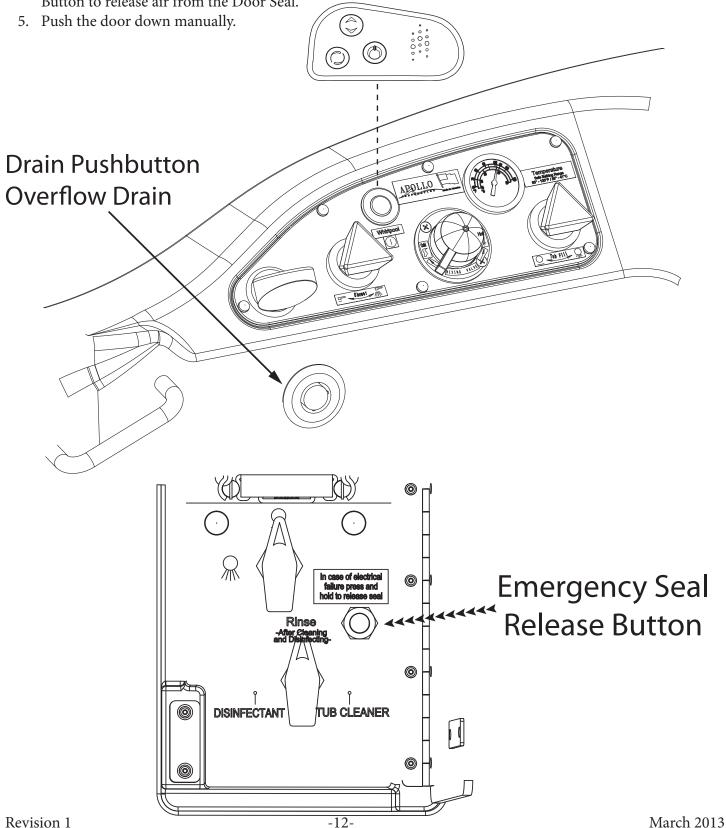


Electrical Failure

If electrical power has failed, the door must be opened manually.

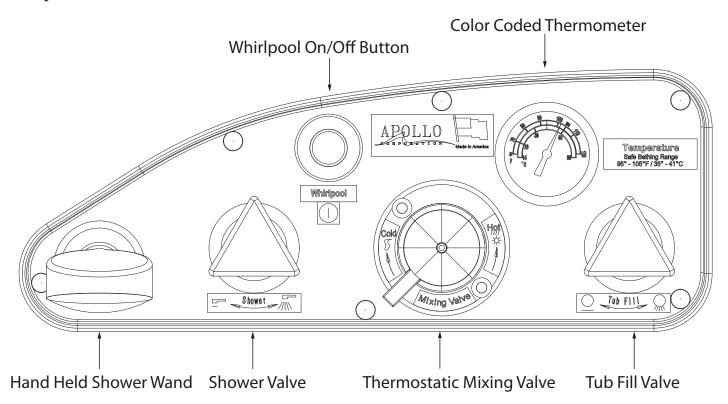
- 1. Turn off Whirlpool/Blower (if on).
- 2. Turn off Tub Fill Valve (if on).
- 3. Open the Tub Drain.

4. When the tub is drained completely, open the Disinfectant Panel Door and push the Emergency Release Button to release air from the Door Seal.



Essence[™] Spa - Whirlpool

Whirlpool Control Panel



Note: A safe bathing temperature is 95-105°F (35-41°C). Water must be entering the system in order for the temperature gauge to read accurately.

Tub Filling

Attention: Monitor water temperature. Do not use if water temperature is above 105°F (41°C).

- 1. Close door.
- 2. Turn Tub Fill Valve on.
- 3. Adjust Mixing Valve to maintain a water temperature of 95-105°F (35-41°C).
- 4. Close Tub Drain.
- 5. Turn Tub Fill Valve off when the tub is filled to desired level.

Operate Shower Wand

- 1. Pull Shower Wand out of holder, direct wand away from resident.
- 2. Turn Shower Knob on.
- 3. Adjust Mixing Valve to maintain a water temperature of 95-105°F (35-41°C).
- 4. Turn Shower Knob off.
- 5. Retract Shower Wand.

Whirlpool Operation

Note: Water level should be above the upper jets prior to starting the whirlpool.

- 1. Push the Whirlpool Button to start the whirlpool.
- 2. Push the Whirlpool Button to stop the whirlpool.

Drain Bathing System

1. Open Tub Drain.

Bathing Process - Whirlpool

The Essence[™] Spa is meant to be a relaxing, pleasurable experience. By following these steps, you will receive the most possible enjoyment out of the bathing process.

- 1. Press the door operating button to lower the door.
- 2. With the door open, have the resident enter the tub by facing away from the tub by the seat and then sit on the built-in seat. The resident's body should pivot until all body parts are completely inside the tub.

Note: Proper use of this tub does not include walking in to the tub and then sitting down, as this poses an unacceptable risk for the resident with stepping and slipping.

- 3. Ensure that one's body is clear of the door closure area, and then push the door operating button to close the door. A green light indicates the door is sealed.
- 4. Once the green light is lit, open the tub fill valve and feel the water as it enters the tub. Use the mixing valve to adjust the temperature of the water for a comfortable bathing experience.

Note: If the water cannot be adjusted or is too hot, immediately turn off the water. Lower the door, have the resident exit the tub, and call for assistance.

- 5. When the water is at a comfortable bathing temperature, push the drain control button in to close the drain and begin filling the tub.
- 6. Once the water has risen above the highest jet, the whirlpool may be turned on.

Note: The whirlpool jets are multi-directional and the pressure may be turned up or down by turning the jet nozzle to the desired pressure.

- 7. When the bath is complete, turn the whirlpool off, press the drain control button in until the water pressure has equalized. (If the drain has not stayed open, then the water pressure did not equalize. Hold the button in longer).
- 8. Drain the tub.
- 9. Open the door by pressing the door operating button.
- 10. Have the resident pivot so their feet are planted outside of the tub on the floor. Have the resident stand and exit the tub.
- 11. Close the door.
- 12. See the cleaning and disinfecting instructions.

PLEASE LEAVE DOOR IN THE UP POSITION WHEN NOT IN USE



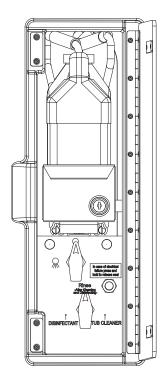


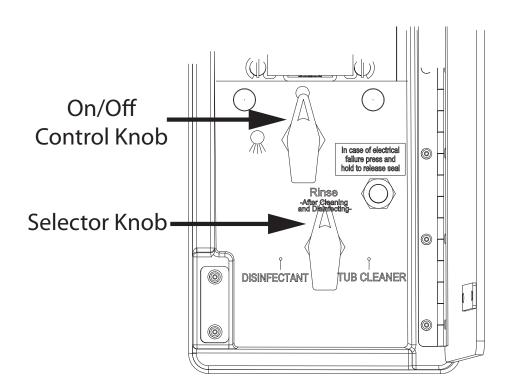
Whirlpool Cleaning Procedure

Your Essence[™] Spa arrived with an Essence[™] Spa Intro Pack which includes Turbo Clean[™] Pre-disinfectant Chelating Detergent. Turbo Clean[™] is used after each bath to remove residue, bacteria and gross soils. Your Essence[™] Spa is calibrated to dilute Turbo Clean[™] at the mixture stipulated by the manufacturer's instructions. Use of other cleaners is not recommended and could compromise the overall process.

Whirlpool Cleaning Process

- 1. Close the door.
- 2. Close the Tub Drain. Turn the Selector Knob to "TUB CLEANER" and the Control Knob to "On."
- 3. Turn the whirlpool on. When there is about 2 inches of cleaning solution in the foot well, turn the whirlpool off. Turn the Control Knob to "Off."
- 4. Use the cleaning solution to scrub the tub.
- 5. Open the Tub Drain.
- 6. Turn the Selector Knob to "Rinse" and the Control Knob to "On."
- 7. Turn the whirlpool on. When clear water comes out of all the jets, turn the whirlpool off.
- 8. Turn the Control Knob to "Off."
- 9. Use the shower wand to rinse the tub.





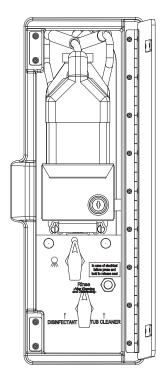
Essence™ Spa Operating Manual

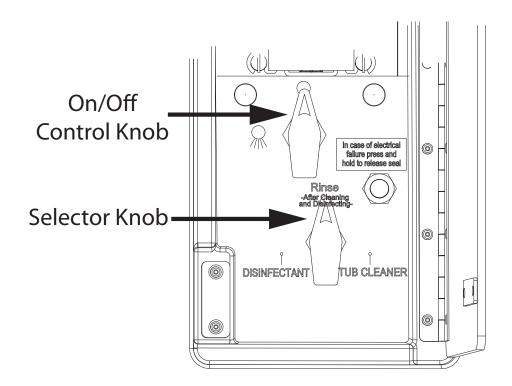
Whirlpool Disinfecting Procedure

Your Essence[™] Spa arrived with an Essence[™] Spa Intro Pack which includes Cid-A-L[™] II Quaternary Disinfectant. Cid-A-L[™] II is used after each cleaning to effectively kill bath-borne bacteria, fungi and viruses. Your Essence[™] Spa is calibrated to dilute Cid-A-L[™] II at the mixture stipulated by the manufacturer's instructions. Use of other disinfectants is not recommended and could compromise the overall process.

Whirlpool Disinfecting Process

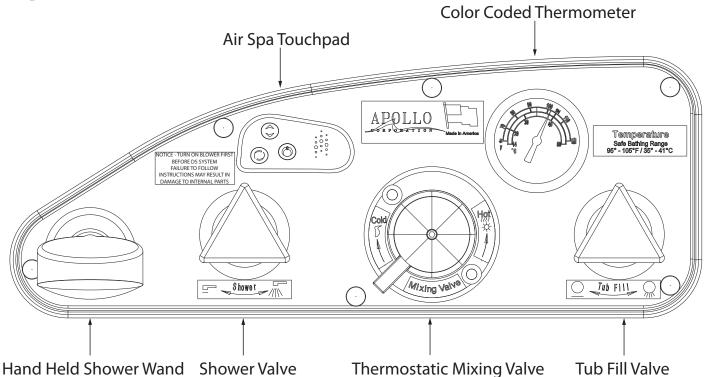
- 1. Close the door.
- 2. Close the Tub Drain. Turn the Selector Knob to "DISINFECTANT" and the Control Knob to "On."
- 3. Turn the whirlpool on. When there is about 2 inches of disinfectant solution in the foot well, turn the whirlpool off. Turn the Control Knob to "Off."
- 4. Use the disinfecting solution to scrub the tub. Leave wet for 10 minutes.
- 5. After 10 minutes, open the tub drain.
- 6. Turn the Selector Knob to "Rinse" and the Control Knob to "On."
- 7. Turn the whirlpool on. When clear water comes out of all the jets, turn the whirlpool off.
- 8. Turn the Control Knob to "Off."
- 9. Use the shower wand to rinse the tub.





Essence[™] Spa - Air

Air Spa Control Panel



Note: A safe bathing temperature is 95-105°F (35-41°C). Water must be entering the system in order for the temperature gauge to read accurately.

Tub Filling

Attention: Monitor water temperature. Do not use if water temperature is above 105°F (41°C).

- 1. Close door.
- 2. Turn Tub Fill Valve on.
- 3. Adjust Mixing Valve to maintain a water temperature of 95-105°F (35-41°C).
- 4. Close Tub Drain.
- 5. Turn Tub Fill Valve off when the tub is filled to desired level.

Operate Shower Wand

- 1. Pull Shower Wand out of holder, direct wand away from resident.
- 2. Turn Shower Knob on.
- 3. Adjust Mixing Valve to maintain a water temperature of 95-105°F (35-41°C).
- 4. Turn Shower Knob off.

5. Retract Shower Wand.

Air Spa Operation

- 1. Push the On/Off Button to start the Blower.
- 2. Adjust the Blower speed by pushing the +/- Button.
- 3. Push the Pulse Button to enter Pulse Mode 1; push it again to enter Pulse Mode 2.
- 4. Push the On/Off Button to stop the Blower.

Note: The blower is designed to automatically shut off after 20 minutes of continuous use. It is also equipped with an infection control feature that automatically runs a purge cycle that blows the internal air lines dry after 20 minutes of non-use. If the bath is used before 20 minutes, the automatic purge cycle timer is reset.

Drain Bathing System

1. Open Tub Drain.

Bathing Process - Air Spa

The Essence[™] Spa is meant to be a relaxing, pleasurable experience. By following these steps, you will receive the most possible enjoyment out of the bathing process.

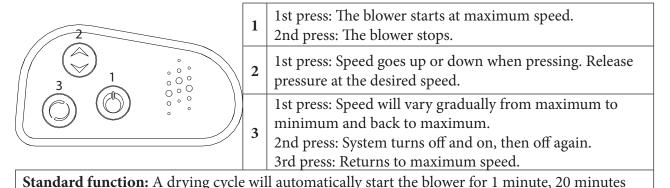
- 1. Press the door operating button to lower the door.
- 2. With the door open, have the resident enter the tub by facing away from the tub by the seat and then sit on the built-in seat. The resident's body should pivot until all body parts are completely inside the tub.

Note: Proper use of this tub does not include walking in to the tub and then sitting down, as this poses an unacceptable risk for the resident with stepping and slipping.

- 3. Ensure that one's body is clear of the door closure area, and then push the door operating button to close the door. A green light indicates the door is sealed.
- 4. Once the green light is lit, open the tub fill valve and feel the water as it enters the tub. Use the mixing valve to adjust the temperature of the water for a comfortable bathing experience.

Note: If the water cannot be adjusted or is too hot, immediately turn off the water. Lower the door, have the resident exit the tub, and call for assistance.

- 5. When the water is at a comfortable bathing temperature, push the drain control button in to close the drain and begin filling the tub.
- 6. Once the water has risen above the highest jet, the blower may be turned on.



after the system stops.

7. When the bath is complete, turn the blower off, press the drain control button in until the water pressure

- has equalized. (If the drain has not stayed open, then the water pressure did not equalize. Hold the button in longer).
- 8. Drain the tub.
- 9. Open the door by pressing the door operating button.
- 10. Have the resident pivot so their feet are planted outside of the tub on the floor. Have the resident stand and exit the tub.
- 11. Close the door.
- 12. See the cleaning and disinfecting instructions.

PLEASE LEAVE DOOR IN THE UP POSITION WHEN NOT IN USE



Air Spa Cleaning Procedure

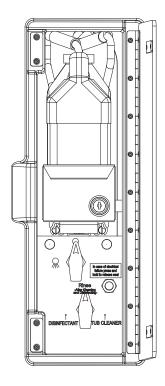
Your Essence[™] Spa arrived with an Essence[™] Spa Intro Pack which includes Turbo Clean[™] Pre-disinfectant Chelating Detergent. Turbo Clean[™] is used after each bath to remove residue, bacteria and gross soils. Your Essence[™] Spa is calibrated to dilute Turbo Clean[™] at the mixture stipulated by the manufacturer's instructions. Use of other cleaners is not recommended and could compromise the overall process.

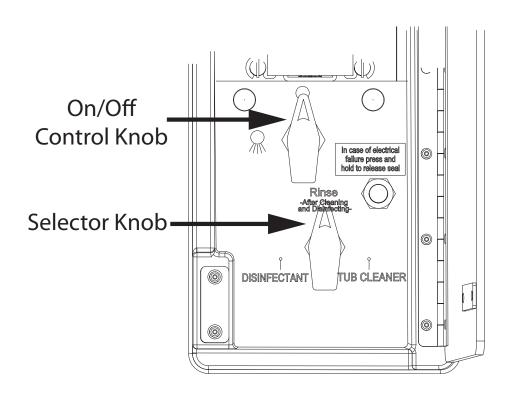
Air Spa Cleaning Process

1. Close the door.

NOTICE - TURN ON BLOWER FIRST BEFORE USING DISINFECTING SYSTEM: FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN DAMAGE TO INTERNAL PARTS.

- 2. Close the Tub Drain. Turn the Blower on.
- 3. Turn the Selector Knob to "TUB CLEANER" and the Control Knob to "On." When there is about 2 inches of cleaning solution in the foot well; turn the Selector Knob to "Rinse" and the Control Knob to "Off."
- 4. Turn the Blower off.
- 5. Use the cleaning solution to scrub the tub.
- 6. Open the Tub Drain and turn the Blower on.
- 7. Turn the Selector Knob to "Rinse" and the Control Knob to "On." When clear water comes out of all outlets, turn the Control Knob to "Off."
- 8. Leave the Blower on for 60 seconds to force the remaining water out of the air lines. Turn the Blower off.
- 9. Use the shower wand to rinse the tub.





Air Spa Disinfecting Procedure

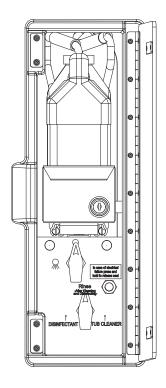
Your Essence™ Spa arrived with an Essence™ Spa Intro Pack which includes Cid-A-L™ II Quaternary Disinfectant. Cid-A-L™ II is used after each cleaning to effectively kill bath-borne bacteria, fungi and viruses. Your Essence™ Spa is calibrated to dilute Cid-A-L™ II at the mixture stipulated by the manufacturer's instructions. Use of other disinfectants is not recommended and could compromise the overall process.

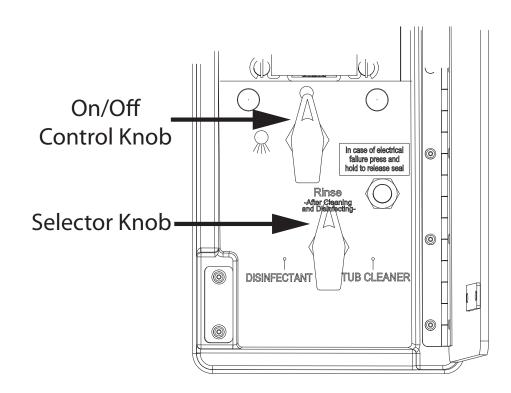
Air Spa Disinfecting Process

1. Close the door.

NOTICE – TURN ON BLOWER FIRST BEFORE USING DISINFECTING SYSTEM: FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN DAMAGE TO INTERNAL PARTS.

- 2. Close the Tub Drain. Turn the Blower on.
- 3. Turn the Selector Knob to "DISINFECTANT" and the Control Knob to "On." When there is about 2 inches of disinfectant solution in the foot well; turn the Selector Knob to "Rinse" and the Control Knob to "Off."
- 4. Turn the Blower off.
- 5. Use the disinfecting solution to scrub the tub. Leave wet for 10 minutes.
- 6. After 10 minutes, open the Tub Drain and turn the Blower on.
- 7. Turn the Selector Knob to "Rinse" and the Control Knob to "On." When clear water comes out of all outlets, turn the Control Knob to "Off."
- 8. Leave the Blower on for 60 seconds to force the remaining water out of the air lines. Turn the Blower off.
- 9. Use the shower wand to rinse the tub.





$\textbf{Essence}^{\text{\tiny{TM}}}\,\textbf{Spa Operating Manual}$

Trouble-Shooting Guide

Problem	Questions	Possible Solutions
Soap or Oil pumps not operational.	Is there solution in the bottles and are the solution tubes in the bottles?	Check to see if there is solution in the bottles and that the tubes are all the way down into the bottle.
	Are the pumps primed?	At times the solution pumps fail due to losing prime. It is recommended that you pump water through the pump to prime them. The lines should be primed, and the bottle then can be returned to the solution drawer.
Remedy lights not lit while whirlpool is in operation. (If applicable)	Are the bulbs connected?	Check to see if the UV bulbs are installed and connected. If they are, then check to see if they are operational by turning on the whirlpool pump for a short time. If they are working then the indicators need to be replaced. Call Apollo for directions. If the bulbs are not working then check the fuses. If one light is working then check the bulb for operation by switching the plugs. If it does not work it is the bulb, if the bulb does work then it is the ballast. Call Apollo for parts. Caution, do not touch the glass portion of the UV bulbs.
Water is not maintaining the correct temperature.	Are the water hoses connected to the correct supply line? Is the incoming hot water supply adequate?	The hoses are marked with red and blue tape: the red tape should be connected to the hot and the blue should be connected to the cold. If connected correctly, the RADA cartridge may need to be replaced. Call Apollo for more details.
Water is leaking by the door.	Is the green light on before the tub was filled and remained on throughout the entire bath?	The green light indicates the seal is fully engaged. If it is not fully engaged then water will leak out. If the green light does not light after 10 seconds when the door is up, check for leaks in the actuator, air line or if the air compressor is operational. The air compressor should turn off in 10 seconds and should not cycle during the bath. If not, then there is an air leak.
	Are the seals intact and pliable?	If the seals are not intact, then they need to be replaced.
	Has the door been properly adjusted?	The door can be adjusted to place additional pressure on the seal. Four nuts are located on the door support frame. Turn each nut in a quarter turn. Repeat this until the door stops leaking. If the door cannot be activated properly due to friction, call Apollo for advice.

$Essence^{^{\text{\tiny{TM}}}} \, Spa \, Operating \, Manual \,$

Problem	Questions	Possible Solutions
Water is appearing on the floor.	Is the drain line on the tub drain pan connected?	Call Apollo for advice.
Water is leaking through the plumbing.		Call Apollo for advice.
Door will not operate	Is the power connected?	Make sure unit is plugged into GFI outlet and the breaker has not been tripped.
	Has the power to the unit been turned off and the door not returned home?	If the power has been disconnected the tub door needs to find home. This is accomplished by cycling the door operating button twice.
	Has the emergency switch been activated?	If the emergency switch has been used, then the switch needs to be in the off position (pushed in) and the door needs to be sent to the home position.
Door will not close.		Verify the Emergency Button is not engaged. Verify the bathing system is plugged into an
Door stops in the middle of travel.	Is there an obstruction?	electrical outlet that has power. To restart the door, clear the obstruction, cycle the green button, the door will go down to home and then restart the door closing operation.
	Has the door been left in the down position?	Gently assist the door while it is going up. For details, see "Door Safety" on page 9.
Door will not open.	Is there water in the tub?	If there is water in the tub, the door will not operate until it is below the float switch. If there is no water in the tub, then check the float switch located on the side of the seat. This switch should be in the down position to operate the door properly. Call Apollo for advice.
Door is making clicking noise while operating.	Is the door in the down position?	If the door is in the down position, then the photo eye may not be engaged. Check the sensor on the left side of the tub to see if the red light is lit. The problem may be extended to the fact that the actuators are out of sync. Call Apollo for advice.
	Is the door in the middle of the travel?	There may be too much friction between the door and the seal. Four nuts are located on the door support frame. Turn each nut out a quarter turn. Repeat this until the friction is reduced. Fill the tub with water and verify there are no leaks. If the door cannot be adjusted properly due to friction, call Apollo for advice.