AQUAFIT®

SPORT PLAY PRO PLUS

OWNER'S GUIDE

AQUAFIT

OWNER'S GUIDE

My Swim Spa _	
Model Name	
Dealer Name	
Service Phone	

Contents

 Safety Instructions 	
 Warning Labels 	8
 Installation 	8
• Fill and Start	10
 Control Panel 	12
 Care and Maintenance 	15
 Troubleshooting 	19

IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS

WARNING - to reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times. Basic safety precautions should always be followed, including:

- DANGER Risk of Accidental Drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use or approach the AquaFit unless they are supervised at all times.
- DANGER Risk of Serious Injury or Death. The suction fittings in this AquaFit 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 the AquaFit 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, an AquaFit may be installed within 5 feet of metal surfaces if each metal surface is permanently connected by a minimum No. 8 AWG (8.4 mm2) solid copper conductor attached to the wire connector on the grounding lug, inside the equipment compartment on the equipment can.
- **DANGER Risk of Electric Shock.** Do not permit any electrical appliance, such as a light, telephone, radio, television, etc. within 5 feet (1.5 m) of an AquaFit. Do not attempt to remove the light housing cover without lowering the water level below the light housing cover. Never operate any electrical appliances from inside the AquaFit or when you are wet.

Enter and exit the AquaFit slowly. Wet surfaces can be very slippery. Proper chemical maintenance of the water is necessary to maintain safe water and prevent possible damage to AquaFit components.

Observe a reasonable time limit when using the AquaFit. Long exposures at high temperatures can cause high body temperature.

Use straps and clip tie downs to secure the cover when not in use.

There is no guarantee that the cover, clip tie downs, actual locks will prevent access.

WARNING To Reduce the Risk of Injury:

- A) The water in a AquaFit should never exceed 104° F (40° C). Water temperatures between 100° F (38° C) and 104° F (40° C) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when AquaFit 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 AquaFit water temperatures to 100° F (38° C).
- C) Before entering the AquaFit, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature-regulating devices may vary as much as +/-5° F (2° C).
- **D)** The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
- E) Pregnant women, the elderly, infants, or persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes, should consult a physician before using the AquaFit. People with infectious diseases should not use an AquaFit.
- **F)** Persons using medication should consult a physician before using an AquaFit since some medication may induce drowsiness, while other medication may affect heart rate, blood pressure, and circulation.

SAVE THESE INSTRUCTIONS

In addition to the preceding safety instructions, Canadian owners should read and understand the following information from the Canadian Safety Association:

- 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 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 AquaFIT 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 38° C/100° F 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, television, etc.) within 1.5m of this spa or hot tub.
- WARNING Maintain water chemistry in accordance with manufacturer's instructions.

SAVE THESE INSTRUCTIONS

- AVERTISSEMENT: ne pas laisser les enfants utiliser une cuve de Relaxation sans surveillance.
- AVERTISSEMENT: pour éviter que les cheveux ou une partie du corps puissent tre aspirés, ne pas utiliser une cuve de relaxation si les grilles de prise d'aspiration ne sont pas toutes en place.
- AVERTISSEMENT: les personnes qui prennent des médicaments ou ont des problèmes de santé devraient consulter un médecin avant d'utiliser use cuve de relaxation.
- AVERTISSEMENT: les personnes atteintes de maladies infectieuses ne devraient pas utiliser une cuve de relaxation.
- AVERTISSEMENT: pour éviter des blessures, user de prudence en entrant dans une cuve de relaxation et e sortant.
- AVERTISSEMENT: pour éviter l'évanouissement et la noyade eventuelle, ne prendre ni drogue ni alcool avant d'utiliser une cuve de relaxation ni quand on s'y trouve.
- AVERTISSEMENT: les femmes enceintes, que leur grossesse soit confirmée ou non, devraient consulter un médecin avant d'utiliser une cuve de relaxation.
- AVERTISSEMENT: les femmes enceintes, que leur grossesse soit confirmée ou non, devraient consulter un médecin avant d'utiliser une cuve de relaxation.
- AVERTISSEMENT: il peut tre dangereux pour la santé de se plonger Dans de l'eau à plus de 38°c.
- AVERTISSEMENT: avant d'utiliser une cuve de relaxation mesurer la température de l'eau à l'aide d'un thermomètre précis.
- AVERTISSEMENT: ne pas utiliser une cuve de relaxation immediatement après un exercice satigant.

- AVERTISSEMENT: l'utilisation prolongée d'une cuve de relaxation peut tre dangereuse pour la santé.
- AVERTISSEMENT: ne pas placer d'appareil électrique (luminaire, téléphone, radio, téléviseur, etc.) À moins de 1.5 M de cette cuve de relaxation.
- ATTENTION: la teneur de l'eau en matierès dissoutes doit tre conforme aux directives du fabricant.

SAVE THESE INSTRUCTIONS

HYPERTHERMIA

Prolonged immersion in hot water may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6° F, or 37°C. The symptoms of hyperthermia include dizziness, drowsiness, lethargy, and fainting.

The effects of hyperthermia include:

- Failure to perceive heat,
- Failure to recognize the need to exit the water,
- Unawareness of impending hazard,
- Fetal damage in pregnant women,
- · Physical inability to exit the water,
- Unconsciousness resulting in the danger of drowning.

SAFETY DO'S AND DON'TS

DO

- **DO** read all operating instructions.
- **DO** read, understand and follow all Safety, Danger and Warning instructions before use.
- **DO** test water temperature with your hand before entering the unit to be sure that it's comfortable.
- **DO** keep the cover closed when the AquaFit is not in use. This is important for safety and for economical operation.

DON'T

- **DON'T** block the equipment compartment vents. Blockage may cause damage to the equipment and will void the warranty.
- DON'T block or sit on the filter recess area.
- DON'T allow horseplay or unsupervised use of your AquaFit.
- DON'T allow anyone to tamper or play with any of the safety or suction fittings.

WARNING LABELS

Each AquaFit has been provided with a Warning Sign and an Important Notice label. This label outlines safety precautions. This sign should be permanently placed in a location that is visible to the user(s).





PRE-INSTALLATION TIP

Ask your dealer to check on the following two items during installation. If your dealer/electrician/contractor is not available, you can easily do these two tasks yourself by removing the panel in front of the equipment compartment (with a Phillips screwdriver).

- 1. Check that the pump unions are hand tight to prevent the possibility of leakage.
- 2. Remove the two shipping bolts located on the front of each pump mount if they have not been removed.

INSTALLATION

The AquaFit must be fully supported over the entire base. A typical installation on soil that will support 1,000 psi load, with a 5 inch (13 cm) thick concrete slab with # 4 rebar on 18 inch (46 cm) centers, is strongly recommended. Conditions at the site will determine the exact support requirements. Please contact your licensed contractor for installation. Damages caused by inadequate support will not be covered by the warranty.

Normal use of the AquaFit causes large amounts of water to splash out of the unit. Depending on the specific installation, additional provisions may have to be made for proper removal of this water. Water should always drain away from the unit.

If you are placing your AquaFit next to an obstacle, such as a fence or wall, be sure that you place the unit with the equipment compartment facing forward for easy equipment access.

In order to better service your product, clearance for access to the AquaFit needs to be 36 inches (92 cm) at equipment compartment and 24 inches (61 cm) around the remaining area.

Important Warning:

An empty AquaFit should never be exposed to temperatures below 0°F. If your AquaFit will be exposed to these temperatures, keep it filled and running. To conserve energy, you can lower the temperature setting to 61°F.

ELECTRICAL CONNECTION

IMPORTANT: About the GFCI Circuit Breaker – The GFCI (Ground Fault Circuit Interrupter) is an electrical safety switch that automatically shuts off power to the AquaFit in case of an electrical malfunction.

There must be a GFCI installed according to local building codes in an electrical power box near the unit.

The GFCI should be OFF before the AquaFit is filled. Manually turn off power to the unit any time by using the GFCI. Just push the switch to the OFF position. After turning off the GFCI, check for a blank display window in the upper control to know the power is off. When you are ready to turn the power back on, reset the GFCI by returning the switch to the ON position. Do not use your AquaFit unless you understand the operation of the GFCI.

FILL AND START

WARNING: Do not turn on electrical power to your AquaFit until told to do so later in this manual.

First, locate the equipment compartment and use a Phillips screwdriver to remove screws and open the compartment. With your installer, check the pump unions for hand-tightness and ensure the gate valves are open with red safety clips in place.

NOTE: Remove the shipping bolts on each pump mount prior to start up. (2 front, 2 rear)

To start-up your new AquaFit, follow these instructions:

1. Locate the filter basket(s)in your AquaFit.

For 16 Play, 19 Pro and 19 Plus models: Remove one of the two filter lids from the pool side of the system. (If you have the 19 Plus

model with separate built-in spa, also remove the filter from the spa side). Rotate the plastic lid counterclockwise and lift to remove.

For 13 Sport model: pull upward from the bottom of the skimmer and slide off. To remove the bottom filters, twist to the left until it can be easily removed.

- **2.** Then, remove the filter baskets by turning 90 degrees and lifiting.
- 3. Make sure the drains are closed before filling,

by making sure the hose bib (image) is screwed on to the drain. The drain allows you to connect a hose to your AquaFit when you want to drain it. Make sure the valve handle is closed, by having the handle perpendicular to the pipe.





Open

Closed

The hose bibs are installed at the factory for the AquaFit. They are located inside the equipment compartment. There are 4 hoses for draining the AquaFit (or 5 hoses on the AquaFit Plus (19'DT) model).

- **4.** Place your hose in the empty filter canister and fill the AquaFit to the middle of the tile line.
- 5. Once full, replace the filter and top lid skimmer and turn on the power.
- **6.** After installing your filters, turn on the GFCI circuit breaker. Your Upper Control Panel will turn on. It will take about 30 seconds for the AquaFit to go through its start-up screens. When the screen reads the current temperature with no other messages, push the JETS Buttons to start the jet pumps. Push JETS 1, JETS 2, and JETS 3 (if equipped). For the spa part of the 19 AquaFit Plus, push JETS 1.

If the jets do not start, there is air trapped in the plumbing lines. To eliminate this, turn the pumps on and off several times to force the air through the pumps.

7. Set the water temperature by pushing the UP/DOWN buttons until you reach the desired temperature. Press the "accept" button to save this temperature in memory. After a few seconds, the screen will revert to showing the current water temperature.

Note: The unit will not allow the temperature to be set above 104° F (40° C).

- **8.** While heating your AquaFit, inspect the pump unions and plumbing fittings for leaks. When you have finished inspection, reinstall the equipment compartment panel.
- **9.** After completing the above steps, see the Water Care section to ensure proper water chemistry.
- 10. Put the cover on to conserve energy and to keep it ready for use.

CONTROL PANEL

Your control panel is located on the top of the AquaFit and looks like this:



On the control panel, push the button next to an item listed on screen to bring up that item. When active, the ring around that item will spin. Push the button again to turn off the item.

1-3. Jets

Push the screen selection button next to any item to turn on that pump. Pressing the Jets 1 button once turns Jets 1 on low speed. A second press turns it to High Speed. A built-in timer automatically shuts the jets off after 30, 45, or 60 minutes of operation (depending on your settings; see Runtime Settings on page 13).

4. Display Window

Shows the current status of the AquaFit.

5. Light

Turns light on and off. To lock or unlock a color, turn light off for three seconds, then on again.

7. Hotkey

The Hotkey is an options menu. It allows the AquaFit to display different sets of information on the screen while still giving access to the main controls. Pushing the Hotkey changes the information displayed in the center of the Menu in the following sequence:

- Temperature: The Temperature screen displays the current temperature and sets the desired temperature.
- Summer Mode: In hot weather the swim spa may exceed the highest set temperature which halts the circulation pump so the AquaFit can cool. To keep circulation flowing, enter "Summer Mode" by adjusting the temperature set point to 59° F 59(degrees)F, (15°C) and hold the down arrow button until the number value is replaced by "Summer." This will allow the circulation pump to continue running.

- Clock: The Clock screen displays the current time
- Runtime: The Runtime screen shows how much time remains in the current jet cycle for each pump.
- Invert: The Invert screen inverts the display to face the inside or outside of the spa with the up and down arrows on the Keypad (#8)

 Push the Hotkey again to return to the main screen and restart the sequence.

8. The 5- button Keypad

The Keypad buttons access and change AquaFit settings quickly and easily. On each menu, the current navigation options are indicated in the upper right corner of the screen. The left and right arrows allow navigation through the menu structure. The SETTINGS MENU contains two pages of options; the current one is indicated in the top right of the display.

Standby: To enter Standby mode, hold down the center key on the Keypad (while on the home screen) for 5 seconds. This mode disables all automatic and manual functions so the pumps do not accidentally start while you are cleaning the filters. The unit stays in standby mode for 30 minutes. To reactivate the unit press exit.

SETTINGS MENU:

Filter Cycle

Pressing the filter cycle button brings up the filter cycle menu, which adjusts how long, how often and at what time the spa's filter cycle runs.

Runtime

Pressing the Runtime button brings up the Runtime Setting menu. This menu adjusts how long the jets run (30, 45, 60 min).

Temp Units

To change the display from Fahrenheit to Celsius, use the up and down buttons and press Select to accept.

Summer Mode

To enter Summer Mode, adjust the set point to the lowest possible temperature, 59°F (15°C), and press the accept button. The temperature value will be replaced by "Summer."

Time of Day

Push the Time of Day button to bring up the Time of day screen. To adjust the time of day, use the left and right arrows on the 5-Key Context Keypad to select whether to modify hours or minutes. Use the up and down arrows on the 5-Key Context Keypad to adjust the time. Press Accept to save the changes.

Keypad adjustment

Push the Keypad button to bring up the Keypad menu. The Keypad menu adjusts various aspects of the display screen, including which language the menus are displayed in. Push the button next to any item to bring up that item's adjustment screen.

Vision

The Vision cartridge is an optional feature for your swim spa. If you have a Vision cartridge installed, you can indicate that in the control and the system will remind you to change the cartridge every 6 months. Push the Vision button to bring up the adjustment screen and use up and down arrows to indicate if a cartridge is installed. Press Accept to save the changes.

Maintenance

From page 2 of the Settings menu, push the Maintenance button to bring up the Maintenance Reminder adjustment screen. Use the up and down arrows on the 5-Key Context Keypad to choose if the spa will display maintenance reminders. Press Accept to save the changes. Press Back to go back to the previous menu and cancel the changes.

Reminders

Occasionally, a maintenance reminder will appear on the screen. Some messages have an arrow below the last line, push down on the 5-key context keypad to read the remainder of the message. After the requested action is performed, push "done." To have the system remind you again later, push the "snooze" button.

System Reset

The system reset menu resets all parameters to the factory defaults. To proceed and reset all settings, press Reset. To go back and keep your settings, press Back.

Warnings

If there is a warning light on the display screen, the AquaFit has detected a potential problem. Do not enter the water if a warning message is displayed. Perform the suggested actions and if the problem persists, contact your local dealer for service.

WATER CARE

To keep your water clean and clear, follow these water care guidelines:

- Once a week, check water chemistry with a test strip. Add chlorinating granules, pH up, pH down and other chemicals as required.
- **Step 1** Check Alkalinity. It should be between 80 and 120 ppm. Adjust as required with Alkalinity Up pH/Alkalinity Down.
- **Step 2** Check pH. It should be between 7.2 and 7.8. Adjust as required with pH Up or with pH/Alkalinity Down.
- **Step 3** Check Chlorine Level. 3-5 ppm recommended. Adjust with DiChlor.
- Once a month, rinse your filters using your garden hose.
- Every two months, soak your filters in filter cleaning solution. Be sure to rinse your filter thoroughly before putting it back in.
- Every six months, drain and refill your AquaFit.
- Once a year, replace your filter(s).
- Once every 18 months, replace ozone generator.

Tip: After each use add $\frac{1}{2}$ ounce of DiChlor per user. This will make weekly maintenance easier.

SURFACE CARE

Use spa cleaner and a soft rag to clean the inside of your AquaFit. Use mild soap and water to clean the exterior of your AquaFit.

Do not use alcohol, ammonia, or citrus-based cleaners on any surface.

Protect the surface from the sun when not in use: Keep the AquaFit covered when it contains no water.

Sunlight can damage the surface and cause it to peel or blister.

Cabinets and Vinyl Covers

For Terracina Cabinets:

To maintain the cabinet finish, clean with soap and water.

For Wood Cabinets:

To protect your wood finish, re-stain it every 3-6 months, which seals the wood. Check with your spa dealer for wood maintenance products.

For Vinyl Covers:

To maintain a "nearly original" appearance on your vinyl cover, it is recommended that a protectant with a high SPF (sun protection factor) is applied at least once a month if exposed to direct sunlight. You will also want to clean and condition your cover monthly (or as needed based on exposure.) For more information, consult your dealer.

FILTER CLEANING

We recommend that you clean the filters once a month as preventative maintenance.

IMPORTANT: To prevent debris from getting into the system during filter cleaning, we recommend that you shut off the power at the GFCI.

For AquaFit Play, AquaFit Pro and AquaFit Plus:

Your system has two filters (or three in the AquaFit Plus). To access the filter, lift the center float off the skimmer assembly until fully extended. Turn counterclockwise until the flats of the basket line up with the securing tabs. Pull the assembly straight up to remove. Remove the filter below the basket by twisting it ½ turn counterclockwise. Lift the filter out of its canister.

For AquaFit Sport:

Your system has three filters. To access the filters, pull upward from the bottom of the skimmer to slide the door off. One filter door holds two filters while the other holds only one. Remove the top filter from the door containing two. Unscrew the other filters by twisting counterclockwise and remove.

For all models:

Rinse the filters with a high-pressure garden hose. Every other cleaning, soak the filters in filter-cleaning solution and rinse thoroughly. Reinstall the filters by reversing the steps for removal, replace the skimmer basket or door and turn the power back on at the GFCI. Run the pumps for a few minutes at high speed before leaving the system to its normal heating and filtration cycles.

ULTRA PURE

The UltraPure Water Management System silently purifies your water, eliminating bactera by mixing ozone with water. In order to keep the UltraPure System running at its best, it is recommended that you change the UV bulb every 18 months. The UltraPure UV compartment is located within the equipment bay. Contact your authorized AquaFIT dealer for replacement parts and/or to service your UltraPure System.

DRAINING

Turn off the power (from the GFCI) before draining your AquaFit. Locate the hose bib inside the equipment compartment (see fill and start section for more information on the hose bib). Remove the cap from the bib and attach one end of your garden hose. Place the other end in an area safe for water runoff. Turn the switch to the left to release the water. After it drains, do the same with each of the other hose bibs. Once the AquaFit is drained, turn the switch back to the right to close the valve.

COLD WEATHER

All AquaFit models are designed for year-round use. Your AquaFit has an automatic freeze protection mode to circulate water during freezing weather, assuming the system has electrical power and the proper water level. However, if freezing weather prohibits normal use, an authorized service provider should winterize your AquaFit. Draining the unit will not prevent freeze damage, as small amounts of water in the plumbing can expand and damage the system. Winterizing the unit is specifically not covered by the manufacturers' warranty, so you should contact a professional to both winterize and restart your AquaFit if necessary.

AUDIO SYSTEM

If you purchased an Audio System, you can plug your MP3 player into the jack in the dock. The Polyplanar Stereo unit comes with AM/FM/ iPod/MP3/SD Card built into the dock.

AQUAFIT SWIM SYSTEM

Swimming in your AquaFit requires that you follow swim safety precautions. Be aware of safety and health precautions before engaging in the variety of exercise options available on your AquaFit system.

Using the Swim Kick Bar

A swim kick bar at the end opposite of the steps comes standard on all AquaFit models. Use this bar as you would the edge of a pool to do kicking or standing exercises.

Using the Swim Jets

The swim jets in your AquaFit are adjustable so you can get the most out of your exercise. When swimming, use the tile markers to position yourself in the swim lane and swim against the jet flow. You can also use the swim jets for resistance while walking or jogging in place.

Using the Diverter Valve (all models except AquaFit Sport)
The diverter valve at the filter end of the AquaFit controls water movement from Pump one and can direct flow in the direction of the hydrotherapy or swim jets.

AquaFit Essentials Kit

Every AquaFit is delivered with the following equipment to enable and enhance your fitness experience.

- (1) 6' Swim Tether with 2' pole and adjustable body belt
- (2) 24" Tensor Cords
- (2) D-Handles
- (2) OptiMount Butterfly Tops, Washers and Endcaps

WARNING: Do not leave Tensor Cords in direct sunlight for extended periods of time as it can cause material deterioration. Damaged Tensor Cords could cause injury if a break should occur during use. Examine your cords prior to each use. Do not use damaged or deteriorated Tensor Cords

Using the Swim Tether

WARNING: Never let children play with the Swim Tether Cord due to risk of suffocation.

The Swim Tether provides multiple stationary exercises. If speed is your goal, the Swim Tether allows you to swim as fast as you want and remain stationary. The Swim Tether can be mounted on either end of the AquaFit (only one mounting option on the AquaFit Sport). Place the pole in the mount, strap on the adjustable belt and connect the six-foot stretch swim cord.

Installing the OptiMount Butterfly Tops

Your AquaFit swim spa provides multiple mounting areas to attach exercise equipment. Install the OptiMount Butterfly Tops into your preferred mount to create a secure area for connecting tensor cords or other optional equipment. To install, remove the plastic insert from the OptiMount. Place the foam washer onto the Butterfly screw. Screw the Butterfly Top with washer into the desired mounting area. Do not over tighten. You can then snap a tensor cord to the OptiMount Butterfly Top to begin your workout. For added safety, you can place the plastic endcaps provided over the Butterfly Top when not in use to avoid possible snagging.

ERROR MESSAGES

Error: Temperature over 112°F (44°C) Action: DO NOT ENTER THE WATER.

Your hot tub has overheated. Open the cover and allow the water to cool below 110°F (43°F). Once the water has cooled, reset your GFCI to restart your AquaFit.

Error: Flashing Control Panel Lights Action: DO NOT ENTER THE WATER.

Check your water level and clean your filter. Reset your GFCI if the control panel still flashes.

Error: Wrong Temperature
Action: DO NOT ENTER THE WATER.

The actual water temperature is unknown. Contact your dealer.

TROUBLESHOOTING

For help troubleshooting common occurrences, contact your local dealer. If you need further assistance, you can email our service department at:

USA: Service@d1spas.com

International: Service-Europe@d1spas.com

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