

Spa Water Maintenance

## Troubleshooting Guide

<u>PROBLEM</u>	<u>PROBABLE CAUSE</u>	<u>SOLUTIONS</u>
<b>Cloudy Water</b>	Dirty Filters	Clean filters with Instant Filter Cleaner or soaking Filter Cleaner
	Excessive oils/organic matter	Shock spa with sanitizer
	Improper sanitization	Add sanitizer
	Suspended particles/ organic matter	Shock spa with sanitizer  Adjust pH and/or alkalinity with pH/Alkalinity Up or pH/Alkalinity Down
	Overused or old water	Run jet pump(s) and clean filters with Instant Filter Cleaner or soaking Filter Cleaner  Drain, clean and refill the spa
<b>Water Odor</b>	Excessive organics in water	Shock spa with sanitizer
	Improper sanitization	Add sanitizer
	Low pH	Adjust pH with pH/Alkalinity Up to recommended range
<b>Chlorine Odor</b>	Chloramine level too high	Shock spa with sanitizer
	Low pH	Adjust pH with pH/Alkalinity Up to recommended range
<b>Musty Odor</b>	Bacteria or algae growth	Shock spa with sanitizer—if problem is visible or persistent, drain, clean and refill the spa
<b>Organic</b>	Buildup of oils and dirt	Wipe off scum with clean rag—if

<b>Buildup/ Scum Ring Around Spa</b>		severe, drain the spa, use Hotspring's Spa Shine after cleaning to protect the spa shell, and refill the spa
<b>Algae Growth</b>	High pH  Low sanitizer level	Shock spa with sanitizer, and adjust pH with pH/Alkalinity Down to recommended range  Shock spa with sanitizer, and maintain sanitizer level
<b>Eye Irritation</b>	Low pH  Low sanitizer level	Adjust pH with pH/Alkalinity Up  Shock spa with sanitizer, and maintain sanitizer level
<b>Skin Irritation/ Rash</b>	Unsanitary water  Free chlorine level above 5 ppm	Shock spa with sanitizer and maintain sanitizer level  Allow free chlorine level to drop below 5 ppm before spa use
<b>Stains</b>	Total alkalinity and/or pH too low  High iron or copper in source water	Adjust total alkalinity and/or pH with pH/Alkalinity Up  Use Stain & Scale to inhibit metals
<b>Scale</b>	Total alkalinity and/or pH too high  High calcium content in water	Adjust total alkalinity and pH with <a href="http://www.hotspring.com/Hot_Tub_Accessories/spa_water_care_maintenance.html">http://www.hotspring.com/Hot_Tub_Accessories/spa_water_care_maintenance.html</a> pH/Alkalinity Down—if scale requires removal, drain the spa, scrub off the scale, clean spa shell with Hotspring's Spa Shine, and refill the spa.  Add Stain & Scale control and balance the water using pH/Alkalinity Up or pH/Alkalinity Down

Presque Isle Hot Tubs and the manufacturer of our spas recommend only the following 4 sanitizers:

- 1) Sodium Dichloro-s-Triazinetrione (**Sodium Dichlor** or chlorine)
- 2) One-step granular bromine
- 3) AutoFresh Water Care System
- 4) FreshWater Biguanide Water Care or Baqua Spa™ (please consult your Baqua Spa manual for instructions on the use of this product)

