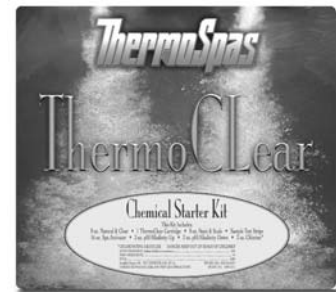
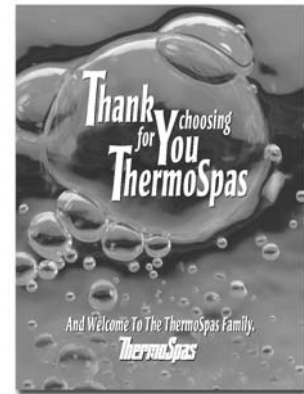
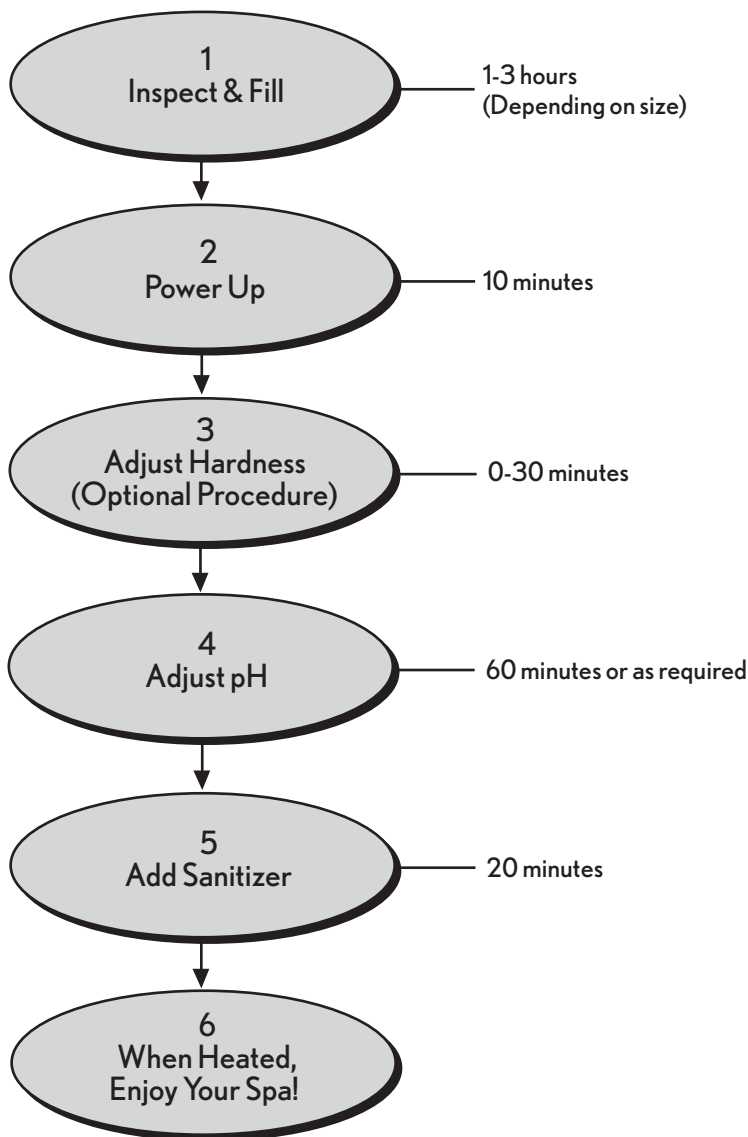


Spa Start Up

- This section explains the necessary procedures required to set up your spa. Familiarize yourself with this procedure prior to beginning the process. Not all installations are the same use this procedure as a guideline.
- If your water is acidic, hard, or has a high mineral content it is recommended to contact one of our trained Customer Care Reps. prior to filling your spa.
- Failure to follow these start-up instructions and observe the recommended time periods may result in pump damage or require draining and refilling the spa.
- Make sure you have any Special Operating Instructions along with the Welcome Kit prior to filling your spa.
- Check contents of Start-Up Kit against the kit label prior to filling your spa.

Overview of Start Up



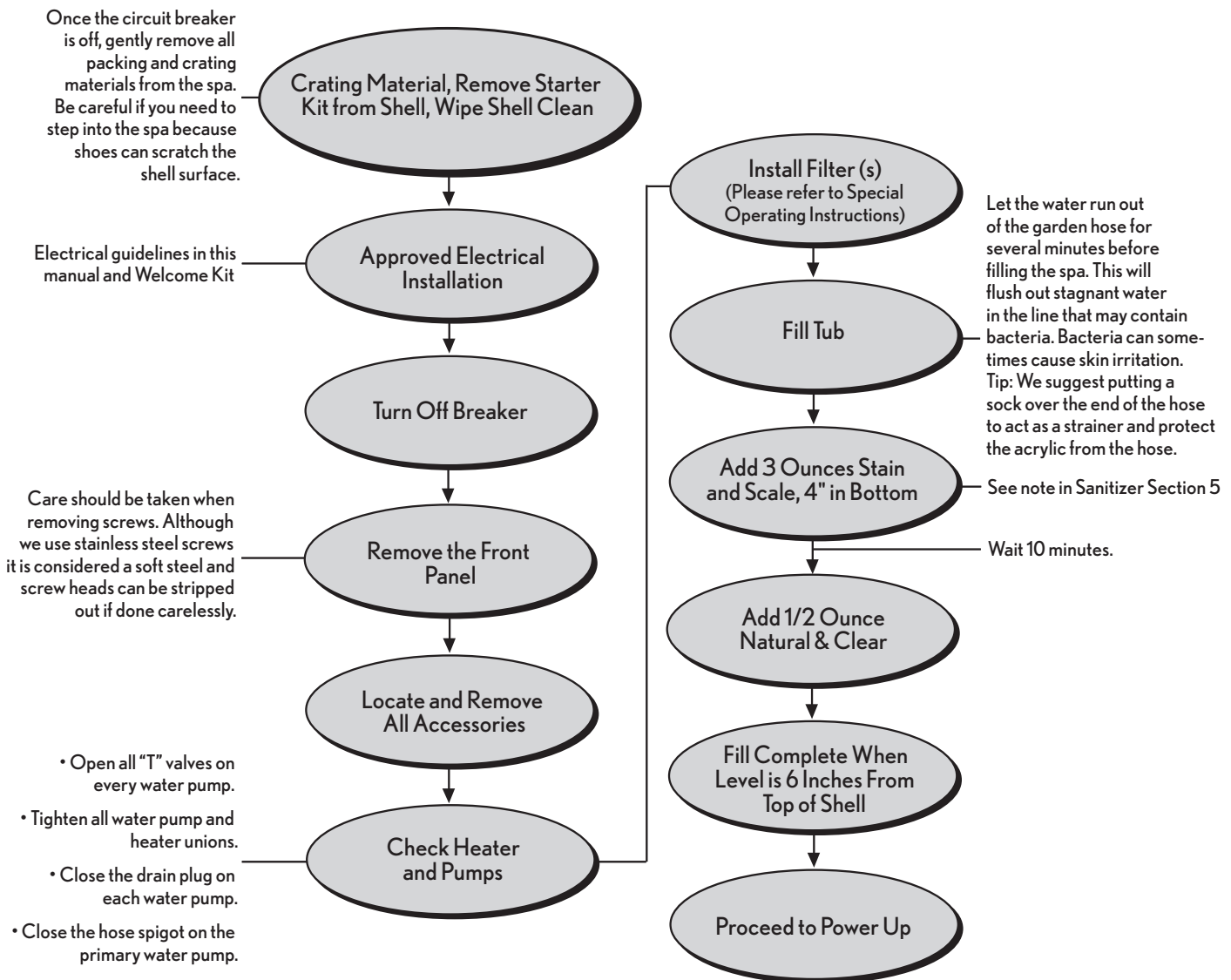
Inspect and Initial Fill

Once your spa is in its final location and has been electrically installed by a licensed electrician, it is time to inspect it to ensure that it is ready to be filled with water and started.

Spa Inspection Checklist

This checklist highlights the steps to inspecting your spa. For complete instructions, read the "Inspecting & Filling Your Spa," section below. Refer to pages 14-16 for additional instructions.

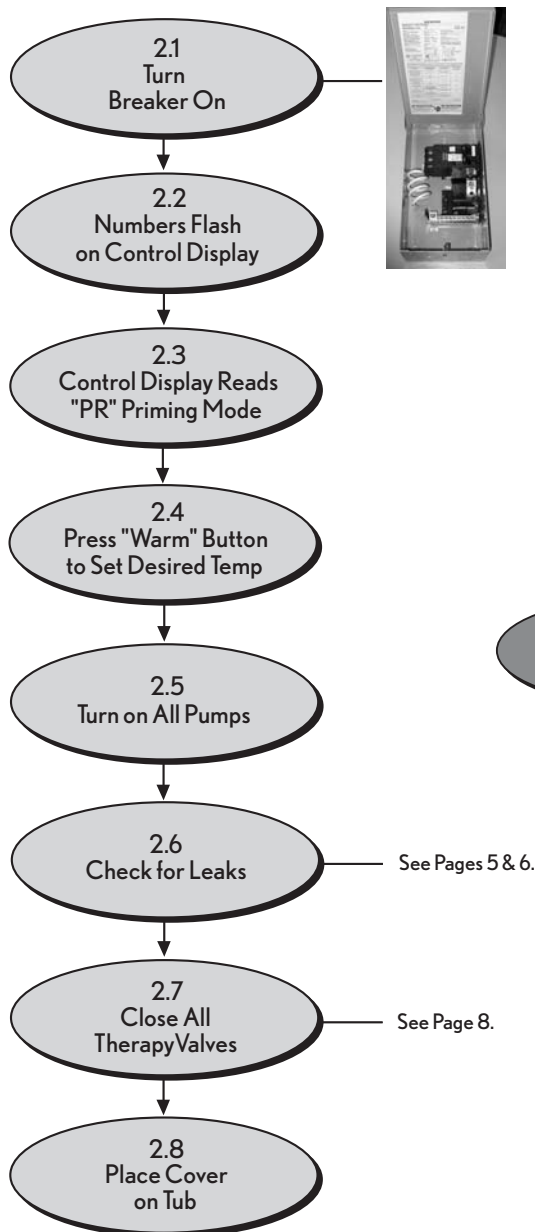
- ✓ Turn off the spa's main circuit breaker.
- ✓ Remove debris in and around the spa and wipe the shell surface clean with a damp sponge.
- ✓ Open all "T" valves on every water pump.
- ✓ **Tighten all water pump and heater unions. Make sure unions are not pinched.**
- ✓ Close the drain plug on each water pump.
- ✓ Close the hose spigot on the primary water pump.
- ✓ Make sure the filter(s) is in place.



Any time chemicals are to be added to your ThermoSpas, the following procedure is recommended:

1. Turn on all water pumps. This will insure the added chemical will be rapidly dispersed throughout the tub. Unless otherwise specified, all water pumps should run at least 15 minutes after the addition of any chemical treatment.
2. Remove a gallon or more of water from the spa and pre-dissolve the chemical. Pour the bucket with the dissolved chemicals back into the spa.
 - 2.1 This procedure insures complete solubility.
 - 2.2 In the rare event of one of the agents in the water chemistry should have a negative effect on the water due to interaction with existing minerals in the water or other chemicals that may have unknowingly been dissolved in the spa, such as discoloration or formation of a precipitate, the spa will not have to be drained.
3. Only add one chemical at a time. Unless otherwise specified always wait at least 15 minutes after adding chemicals to your spa before adding any additional treatments.

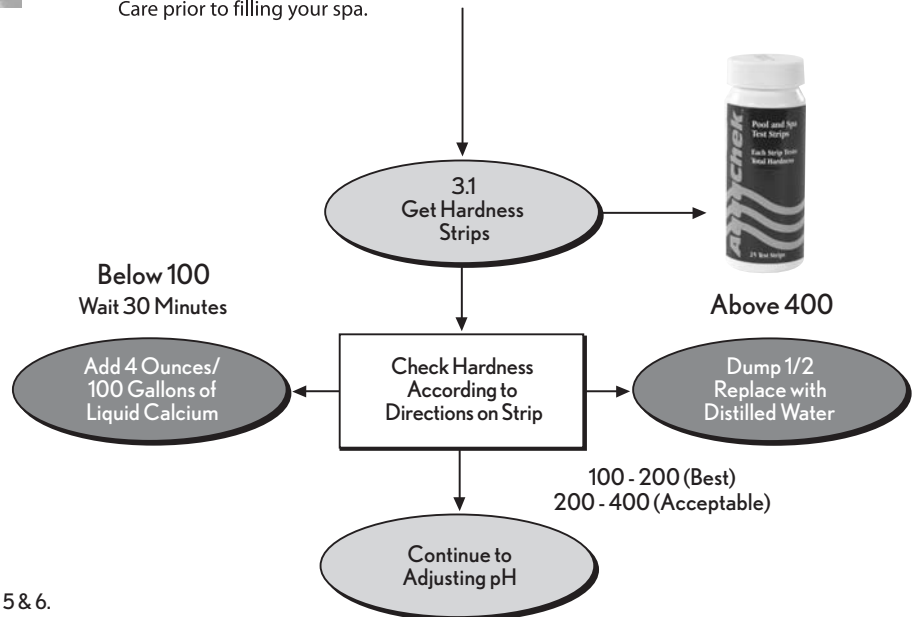
Section 2 - Power Up



Section 3 - Adjusting Hardness

Many areas of the country, especially those that have a municipal water source, tend to have soft water. Soft water may cause instant foaming and staining. Staining occurs because water has a natural demand for minerals and it attempts to satisfy this demand through the most readily available sources: heating elements, plumbing, etc. This corrosion is not only damaging to your equipment, but it also can stain your water and shell surface. All hot tub water should be tested for hardness levels.

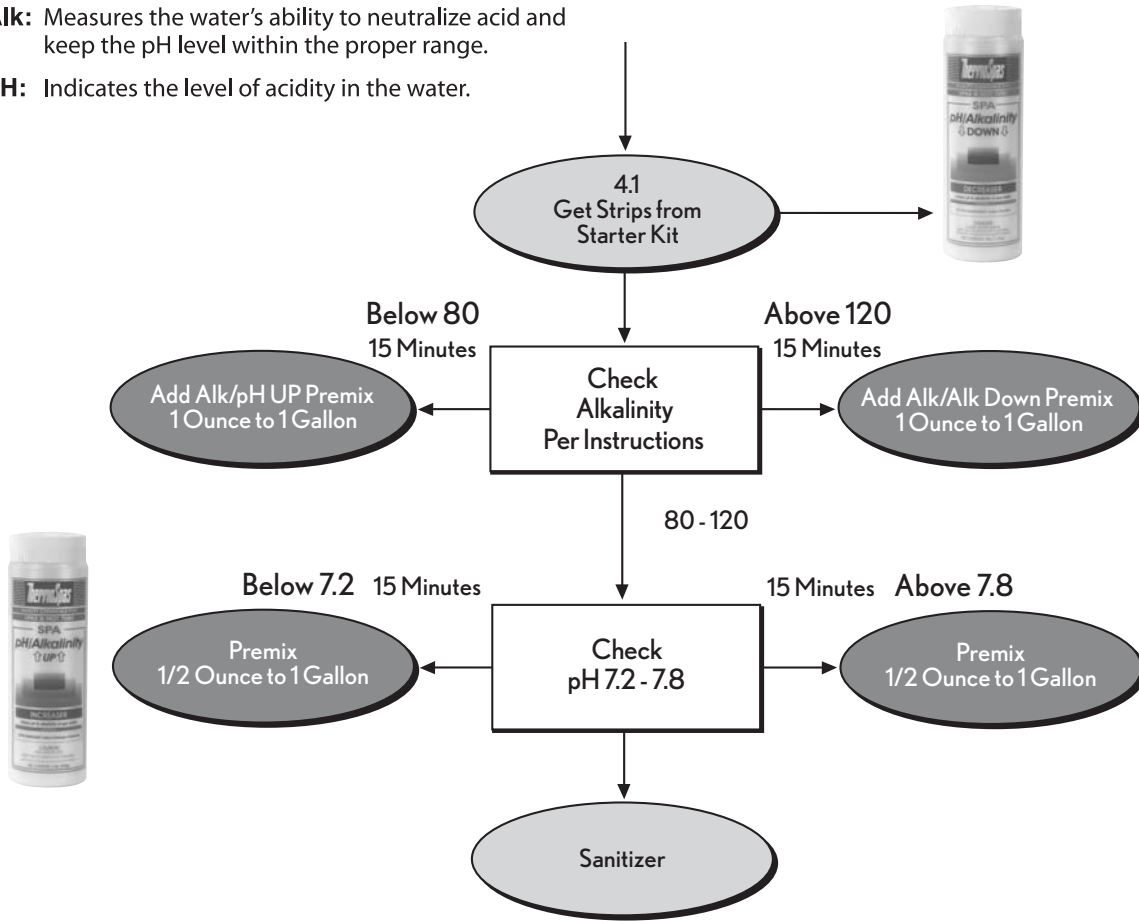
Adjusting the water's hardness usually is not required. If you have any questions or concerns please contact ThermoSpas Customer Care prior to filling your spa.



Section 4 - Adjusting Alk/pH

Alk: Measures the water's ability to neutralize acid and keep the pH level within the proper range.

pH: Indicates the level of acidity in the water.



Section 5 - Add Sanitizer

All spas require sanitizer. Unsanitized spa bacteria double every 30 minutes. All ThermoSpas come with a ThermoClear Starter Kit unless specified by customer.

Wait at least 15 minutes after the addition of Stain & Scale during filling before adding any sanitizer.

| | <i>Ease of Use</i> | <i>Fast Acting</i> | <i>Water Clarity</i> | <i>Skin Sensitivity</i> | <i>pH Neutral</i> | <i>Requires Shocking</i> | <i>Odor Free</i> | <i>Drain & Fill Frequency</i> | <i>Frequency of Application</i> | <i>Bleaches Swimwear</i> | |
|-----------------|--------------------|--------------------|----------------------|-------------------------|-------------------|--------------------------|------------------|-----------------------------------|---------------------------------|--------------------------|----------|
| ThermoClear | ○ | ● | ● | ● | ● | ● | ● | ○ | ○ | ● | ● Good |
| Chlorine | ○ | ● | ● | ● | ○ | ○ | ● | ● | ● | ● | ○ Better |
| Bromine Tablets | ● | ○ | ● | ● | ● | ● | ● | ○ | ○ | ● | ● Best |
| 2-Part Bromine | ● | ○ | ● | ○ | ● | ○ | ● | ○ | ○ | ○ | |