Maintenance and Care of your Johnson Furnace

1. **Always use water treatment, Treatment 101 (an oxygen scavenger chemical). You must test your water annually to make sure that there is enough treatment in the water. You can send a water sample to Johnson Mfg & Sales Inc. or purchase a test kit and do it yourself. Many dealers also offer water testing.**
2. **If you do not have antifreeze in your system you must drain and flush your entire system every two to three years. We strongly recommend using Prep 102 when flushing and draining your system, as this cleans and conditions the interior water jacket. We recommend doing this in the spring, so that during the summer months when your furnace is not running sludge is not sitting in the bottom of it.**
3. **If you have antifreeze in your system you must test it annually using a tester made to test propylene glycol. If your antifreeze becomes discolored or your stove overheats, your must drain the antifreeze and flush your system.**
4. **We DO NOT recommend running your furnace year round.**
5. **Every spring your must do the following:**
    - **Clean and scrape all ashes from the stove**
    - **Clean the flue pipe**
    - **Clean the door, gaskets, and adjust the door to an airtight fit(if necessary)**
    - **Clean, brush, blow out, and oil blowers**
    - **Check electrical system**
    - **Check dampers and cotter pins**
    - **Clean Wyestrainer**
    - **Coat the stove interior with oil**
    - **Cap the flue from rain water**
    - **Clean the removable baffles (models manufactured Fall of 2015 or later)**
6. **Only fill your furnace with soft water. Using hard water will cause calcium deposits and scale buildup. If you do not have soft water available at your tap, you may purchase a soft water kit from Johnson Mfg & Sales Inc. This kit attaches to your hose and softens the water as it flows into your furnace.**

   ***Note: Please use caution if you have problems with your water softener during regeneration. The Little John holds 175 gallons, the Big John holds 275 gallons; you may want to check with your softener manufacturer to make sure it can fill that capacity at one time.**