

## **TAKE ADVANTAGE OF POOL KINGS SEMI ANNUAL RESIDENTIAL HEATER SERVICE**

### **Pentair 120/240 VAC NATURAL GAS/LP GAS**

<b>MODELS</b>	<b>Natural</b>	<b>Propane</b>
175K BTU/HR	460792	460793
200K BTU/HR	460730	460731
250K BTU/HR	460732	460733
250K BTU/HR(HD)	460806	—
300K BTU/HR	460734	460735
400K BTU/HR	460736	460737
400K BTU/HR (HD)	460805	—
400K BTU/HR (ASME)	460775	460776

It is recommended that you check the following items at least every six months and at the beginning of every swimming season.

### **Pool Kings Semi Annual 10 point Complete Heater Service**

1. Examine the venting system. Make sure there are no obstructions in the flow of combustion and ventilation air.
2. Visually inspect the main burner and the hot surface ignitor. The normal color of the flame is blue. When flame appears yellow, burners should be inspected and cleaned. Check ignitor for damage.
3. Inspect the heat exchanger for soot. Clean as necessary (see heat exchanger cleaning below).
4. Remove burner tray and clean burners and main burner orifices.
5. Keep the heater area clean and free from combustibles and flammable liquids.
6. Check wire ends and wire connections. They should be clean and tight.
7. Check the gas pressure (supply and manifold).
8. Report any findings (unsafe items, problems or concerns) to the customer.
9. Vacuum or dust out the bottom of heater to remove dust and debris.
10. An overall inspection of components, safety devices and operation of switches and thermostat control.

***Approx time 1.5 hours / \$189.50***

*Only qualified service technicians, having appropriate test equipment, should be allowed to service the heater.*

**If soot has accumulated on the tubes it must be removed and its cause must be corrected.**

Soot on a heat exchanger may be ignited by a random spark or open flame. The soot can be removed with a special brush and a high velocity water spray after the heat exchanger has been removed. Although the heat exchanger should be cleaned of soot and reinstalled in the heater, the fact that sooting occurred should be investigated as it may be indicative of some other problems, such as:

- Insufficient air supply.
- Inadequate venting.
- High or low gas pressure.
- Blockage of secondary air openings.
- Improper location of heater.
- Incorrect gas supply pipe size.
- Excessive water flow through heat exchanger.
- Low LP tank (below 30% full).

***DANGER! It is very important to clean the soot from the heat exchanger! Soot on a heat exchanger may be ignited by a random spark or open flame!***

## **HEAT EXCHANGER CLEANING**

If your heat exchanger needs cleaning due to soot, Pool Kings can clean it for an additional charge.

Cleaning consists of:

Remove the heat exchanger from the heater. We will then clean the Heat exchanger per the manufactures specification. Then, reinstall cleaned heat exchanger, leak check and report anything needed to the customer.

***Approx time 2 - 3 hours / \$273.75***

***Only qualified service technicians, having appropriate test equipment, should be allowed to service the heater.***

To schedule service,  
call - (480) 899-5464

Email - [service@poolkingsaz.com](mailto:service@poolkingsaz.com)

Our Service Department is open Monday thru Friday 8am to 4:30pm.

TAKE ADVANTAGE OF **POOL KINGS** SEMI ANNUAL HEATER SERVICE

PENTAIR POOL AND SPA HEATERS

Yes, I want to take advantage of Pool Kings Semi Annual heater service agreement! Please sign me up for service every 6 months.

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Name

Date

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Address of heater to be serviced

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Phone

Email

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Heater Manufacturer name

Model #

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Date Heater installed

Propane or Natural Gas

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Price Quoted

Signature

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I decline this offer at this time

Signature