

## **TROUBLESHOOTING FOR ALL STEAM IRONS**

*Kyoto VPR-500 (IRN14/15) Naomoto HSP-440 (IRN9) Rapid Steam PRS-500 (IRN1400/1500)*

### **The iron is leaking water:**

There are a few reasons why this might happen.

- 1) Make sure that the steam supply and steam return hoses have not been reversed.  
*(The inlet hose should be connected to the fitting on the side of the iron, the outlet hose connected to the fitting on the back on the iron, where the black knob is.)*
- 2) Make sure the return line is working properly. With the steam supply source turned on, keep the steam supply hose connected, but disconnect steam return hose. Let the return hose fall into pail to collect any water. Press down on thumb switch...
  - A) If iron is giving off a dry steam- then the problem lies in the return line.
    1. There may be a steam trap problem or a check valve problem. Make sure that these two items closest to the iron are not clogged with debris. *(Is a thermodynamic trap being used? The thermodynamic trap allows condensate and steam to continually flow. A good thermodynamic trap virtually eliminates any water problems. These traps however should be used with a strainer as they have a tendency to clog.)*
  - B) If iron isn't giving off any steam or water is coming out of the iron- the problem lies on the supply side of the iron or at the iron itself.
    1. Check the steam supply fitting of iron for dirt. If the fitting is clogged, steam cannot pass through. The fitting must be cleaned.
    2. Check to make sure the hoses are in good working order. Replace if crimped or bent. Make sure there is no debris in them by taking them off the iron and blowing air through them.
    3. Make sure that the exhaust valve is open- and will allow any water to leave back into the return line.
    4. Make sure there is no water coming through the steam supply line. This line should only have steam – If water is in the line- it will leak through the bottom of the iron.

### **The iron is not releasing any steam:**

Remove the steam supply hose from the iron. Check the steam supply fitting on the iron and make sure it is free of any debris, dirt, or scale build-up. If the fitting is clogged it will not allow steam into the iron.

Make sure steam supply source is then turned on and being fed into the iron through hose.

### **The iron is not getting hot:**

First make sure that the steam supply was turned on. If the steam supply was turned on and the iron is still not getting hot, the steam trap may not be functioning properly. Try tapping on the trap to dislodge any dirt or debris that may have caused the trap to stay shut.

### **The steam flow is not sufficient:**

At the base of the thumb switch is a nut and a metal adjustment screw. Remove the nut, and adjust the metal adjustment screw. Turning the adjustment screw to the right will decrease the steam flow. Turning the adjustment screw to the left will increase the steam flow. After the steam flow is sufficient, replace the nut. Make sure that 80-psi is coming into the iron.

### **The iron is leaking steam from the base of the iron or steam is leaking at the base of the thumb switch:**

There may be debris or dirt lodged in the steam valve. The part may need to be cleaned or replaced. There may be a bad gasket in the steam valve area; the part will need to be replaced.

### **The iron is leaking steam from the condensate return valve:**

There is a bad gasket in the condensate return valve. The part will need to be replaced.