



**Expect Service**

**Radiation Products Design Inc**

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## INSTRUCTIONS

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### RPD INFORMATION

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### RPD PRODUCT INFORMATION

<b>Item Number</b>	<b>Description</b>
878-109-111	Faucet, Steel with Pipe Thread, for 120 Volt, 158/203°, 1/4" Diameter with 15 Watt Heater and Set Screw
878-109-112	Faucet, Steel with Pipe Thread, for 240 Volt and 158° with 25 Watt Heater and Set Screw
878-109-114	Faucet, Steel with Pipe Thread, for 240 Volt and 203° with 20 Watt Heater and Set Screw



## INSTALLATION

Prior to installing your new valve assembly; empty all alloy from the Alloy Dispenser and then unplug power to the Alloy Dispenser.

Turn the Alloy Dispenser upside down and remove the base plate and two hex nuts.

Disconnect the two red valve heater leads and mark lead locations. Next, remove the stainless steel wire shield by loosening the set screw, then bring the red wire leads to the outside of the Alloy Dispenser.

Try loosening the valve by turning it counterclockwise when facing the front of the valve. If the valve does not loosen, apply heat to the old valve with a propane torch for 15 to 20 seconds. This will allow any alloy that has gotten into the threads to melt. Remove the valve by turning counterclockwise when facing the front of the valve.

Threads on the valve pipe must be clean and free of debris to ensure a leak proof seal. Thread new valve onto the pipe.

Install the stainless steel wire shield and secure it with the set screw. Reconnect the two red valve heater leads to their original locations (leads are reversible) and replace the base plate and the two hex nuts.

### **IMPORTANT NEVER FORCE VALVE LEVER!**

The Alloy Dispenser must be at full operating temperature and the valve heated through before attempting to open or close the valve.

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