

Brew Pot Boil Controller

How to Use your new 120V Brew Pot Boil Controller

Brew Pot Controller Operation

Your new brew pot controller does not use any form of temperature feedback. None is needed because water boils at a constant temperature of 212F, minus a little depending on your elevation above sea level. Because no temperature feedback is needed we do not need to use an expensive PID temperature controller. Instead, we use a continuously adjustable PWM controller (the adjustment knob) to give you full control of your brew pot element heat setting. Turning your brew pot controller knob clockwise turns your heat up just like turning the knob on a gas stove turns up the flame.

This controller is designed to regulate the temperature of an electric heating element you install yourself or an element you hang over the side of your brew pot. Your 120 VAC brew pot controller can power up to a 1800 watt element but we recommend a 1650 watt element.

You can find instructions on-line to install your own heating element in a brew pot but we recommend that you follow the instructions we posted on our own web site <http://www.kegkits.com/electricbrewpot.htm>.

Use in conjunction with an electric stove top

Most electric stove tops will not bring 5 gallons to a full boil, and will barely bring 4 gallons of wort to a full boil. Your new electric brew pot controller solves this problem by introducing a second, controllable heat source to your brew day. Depending on the brew pot you use, your electric brew pot controller along with your stove top can easily bring up to 8 gallons of wort to a full boil in less than 45 minutes.

Once you are at full boil you can use the continuously adjustable heat setting on the front of your electric brew pot controller to set your boil to exactly where you want it to control foam.

Stand Alone Operation

Your new electric brew pot controller will also work as a standalone unit and depending on your brew pot, will easily boil up to 6 gallons of wort. 6 gallons will take up to one hour to boil when using the electric brew pot controller by itself. We recommend that you protect your counter top by placing your pot on one or two folded heavy bath towels before starting your boil. And because the heat is all internal you can even wrap the outside of your brew pot with a couple of towels to help conserve heat.

Once you are at full boil you can use the continuously adjustable heat setting on the front of your electric brew pot controller to set your boil to exactly where you want it to control foam.

120V Specifications

Line Voltage: 110 VAC – 120 VAC

Max Current In – 15 Amps

Maximum Element Load – 1800 Watts / 15 Amps

Click here for the most up-to-date information about this controller

http://www.kegkits.com/Merchant2/merchant.mvc?Screen=PROD&Store_Code=W&Product_Code=EB-120V&Category_Code=CNTRL