

Hop Porn New England IPA

Guide utilizing the Brewolution brew kettle		
This kit contains the ingredients to brew 12,5 litres of beer in a Brewolution Brewster brew kettle. It is suitable for any brewing system able to achieve a mash efficiency of around 80%.		
Content: Pouch 2: Yeast Pouch 3: Red X, Wheat Malt, Flaked Oat, approx. 3600 g Pouch 4: Aroma hops, Centennial, Simcoe Pouch 5: Whirlpool hops – Centennial, Simcoe Pouch 6: Dry hops 1 – Centennial, Mosaic Pouch 7: Dry hops 2 – Centennial, Mosaic		
Mashing		
0 minutes	Add 14-16 litres of water to the kettle and set the temperature for 65°C. If using a Brew In A Bag system, heat 3 litres of water per kg of malt, to approx. 5°C higher than the mashing temp, add the malt in the bag or in the grain basket. (pouch 3)	
60 minutes	Start the mashing pump and recirculate for 90 minutes. Stop the pump if the bottom of the kettle runs dry.	
90 minutes	Heat 5 – 6 litres of sparge water to 78°C (for mash-out and sparging) After 90 minutes, at the sound of the alarm, set the temperature to 77°C. The mashing is complete when the alarm sounds again for 77°C. Raise the grain basket and sparge with the 78°C sparge water prepared earlier. Bring the wort level to 14-16,5 litres. Let the grain basket drain over a plastic fermenter or in a sink	
Boiling and chilling		
0 minutes	Set the temperature on the Brewster kettle to 100°C, and set the time to 60 minutes. When the temperature gets to 100°C, and the alarm sounds the wort is boiling.	
55 minutes	Add Aroma hops (pouch 4). Sanitize your chiller.	
60 minutes	After another 5 minutes the Brewster turns off. Stir the wort with a spoon so it makes a whirlpool. Add the whirlpool hops (pouch 5) and let it set for 20 minutes. Chill the wort to approximately 20°C, and rack to a clean and sanitised fermenter.	
Fermentation		
0 days	Pitch the yeast and ferment at 18°C – 22°C	
7 days	After 7 days, rack the beer to a secondary clean and sanitised fermenter. Add the dry hops 1 after scolding in the hops sock (pouch 6).	
10 days	Add the dry hops 2 after scolding in the hops sock (pouch 7).	
14 days	After a further 4 days, bottle the beer. To bottle carbonate, rack the beer to a plastic fermenter containing tepid sugar water. (5-7 g caster sugar per litre beer dissolved in 200 ml water. Boil for 10 minutes and cool to 26°C). Bottle the beer and place at room temperature for a couple of weeks.	
28 days	The beer is carbonated and ready to drink. Store at cellar temperature (13°C – 17°C) For the best result, let the beer mature for 1 month before consumption.	
Notes		
It is advantageous to take notes during a brew:		
Typical stats::		
Bitterness: 15 IBU	Colour: 30 EBC	Alcohol (ABV): 6,7 %
OG: 1068	Your OG: _____	
FG: 1017	Your FG: _____	Your alcohol % (OG-FG) / 7,5 = _____ %
For general guidance using the Brewster kettle, please refer to www.brewolution.com/brewsterscan , or scan this QR-code.		
		