

peak water

USER GUIDE

Contents

03 **PEAK WATER SETUP**

- 03 Introduction
- 04 Unboxing
- 06 Prepare Peak Water
- 09 Test Your Tap Water
- 10 Recommended Settings

12 **KEY INFORMATION**

- 12 Replacing a Used Cartridge
- 13 When Should I Change My Filter?
- 14 Storage, Use and Cleaning
- 15 Recycling

16 **WATER FOR COFFEE**

- 18 What Is Water Hardness?
 - 18 What Do We Want For Coffee?
 - 19 Unwanted Compounds and Ph
 - 20 Beyond the Recommended Settings
 - 21 Drinking Water and Tea
- 22 Warranty Information

PEAK WATER SETUP

Introduction

It's time to optimise your brewing water!

Follow the steps in this guide to test and tailor your tap water, for a cafe-quality brewing experience — wherever you are.

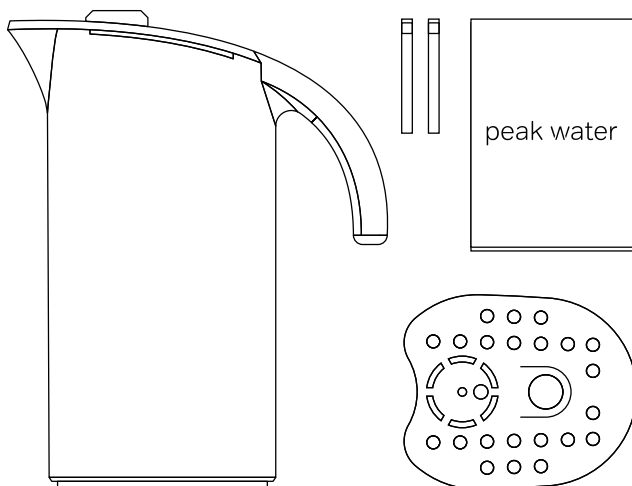
In this box you will find:

1 x Jug

1 x Filter

2 x Test Strips

1 x User Guide

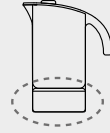


Unboxing

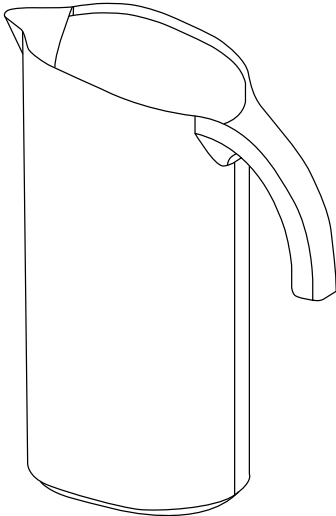
Before you begin testing, you will need to separate out the various components that make up the Peak Water Jug.



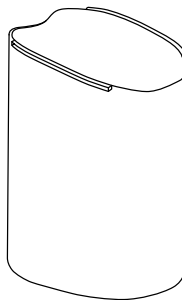
NOTE: The Filter in this Starter Pack can be found in the Jug Body. Read on for disassembly instructions.



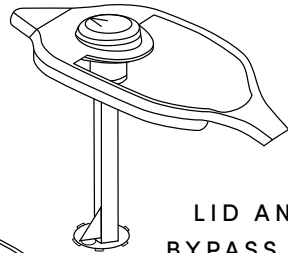
The Peak Water Jug is composed of four main parts:



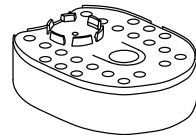
JUG BODY



LINER

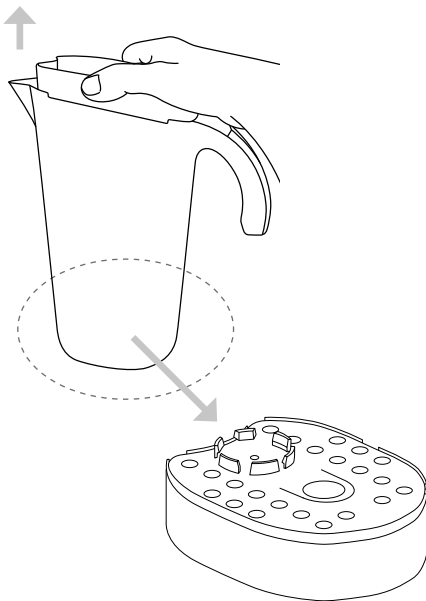
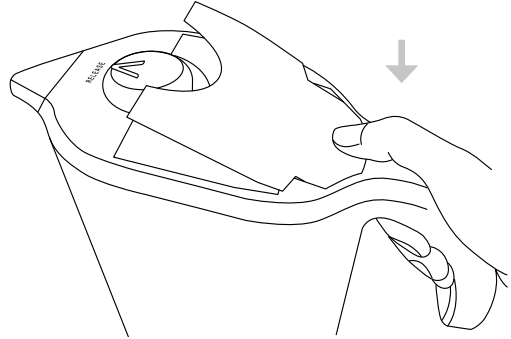


**LID AND
BYPASS PIN**



FILTER

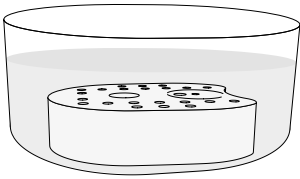
1. To disassemble the Jug, open the fill flap by pressing down on the indentation towards the rear of the Lid.
2. You can now easily grip the Lid and lift it — and the attached Bypass Pin — away from the Jug Body.



3. Set the Lid to one side and lift the Liner from the Jug Body, revealing the wrapped Filter.
4. Extract the Filter and remove its packaging.

Prepare Peak Water

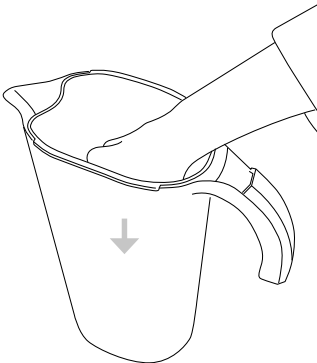
It's now time to put your Peak Water Jug back together and prepare the Filter for use.



1. Soak the Filter in tap water for 10 minutes.

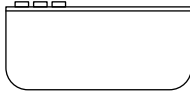


NOTE: This soaking process should be completed with every new Peak Water Filter.



2. Lower the Liner back into the Jug Body and place the newly soaked Filter into the Liner. The Filter will slide into place at the bottom of the Liner.
3. With a small amount of pressure, press down on the Filter to seal it to the bottom of the Liner.

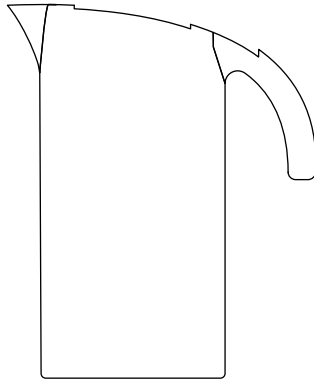
FILTER



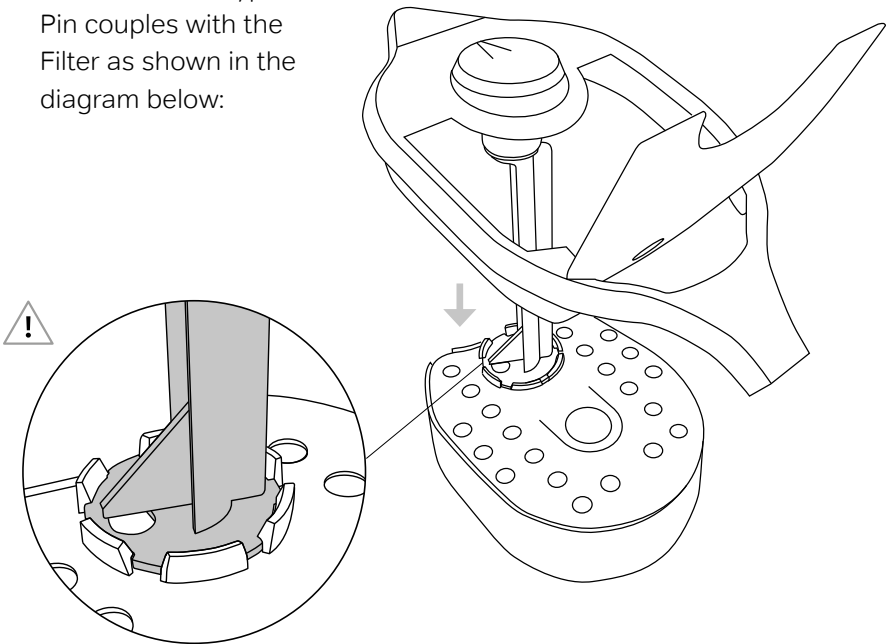
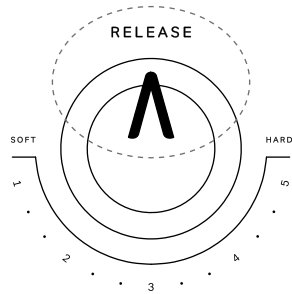
LINER



JUG BODY




4. Set the dial on the Lid to the **RELEASE** position.
5. Replace the Lid onto the Jug Body. Make sure the Bypass Pin couples with the Filter as shown in the diagram below:



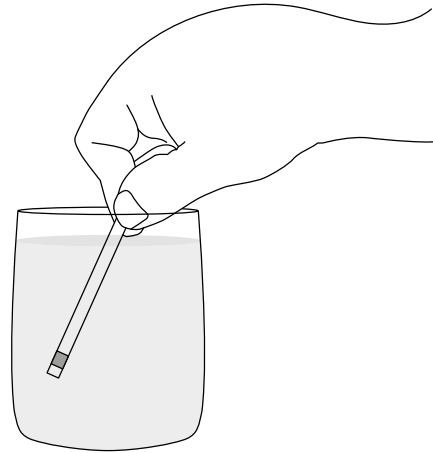
NOTE: The dial must be held in the **RELEASE** position to ensure a correct connection to the filter.

Test Your Tap Water

1. Run your cold tap for a few seconds and take a sample of 200ml (a small glass of water).

 5 sec.

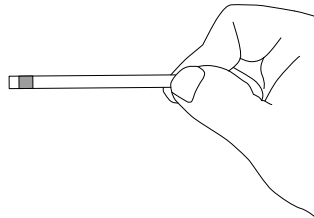
2. Remove a Test Strip from its packaging and submerge the entire strip in the water for **5 seconds**.



3. Remove and hold for **10 seconds**. The yellow tab should now have changed colour.


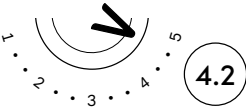

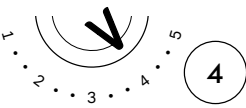

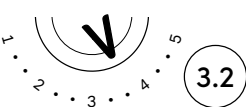

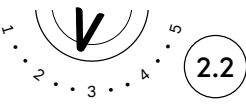


 10 sec.

4. Compare your results with the chart (on the next page) and move the Peak Water dial to our recommended setting.



Recommended Settings

For even great accuracy, compare your results against the colour chart supplied with the Test Strips. Times are based on **1.2 litres** of tap water filtered at the corresponding setting.

RESULT	SETTING	APPROX. TIME
240 	 4.2	4m 30s
180 	 4	2m 30s
120 	 3.2	1m 30s
80 	 2.2	1m 15s
40 	 1.2	1m

YOU ARE NOW READY TO MAKE GREAT WATER – AND GREAT COFFEE

Peak Water is designed to filter **1.2 litres** of cold water at a time.

Once fully-filtered, simply use your tailor-made water with your favourite brewing device.

If you would like to learn more about where our recommended settings come from and explore ways of manipulating your water further, please visit the next chapter of this guide.

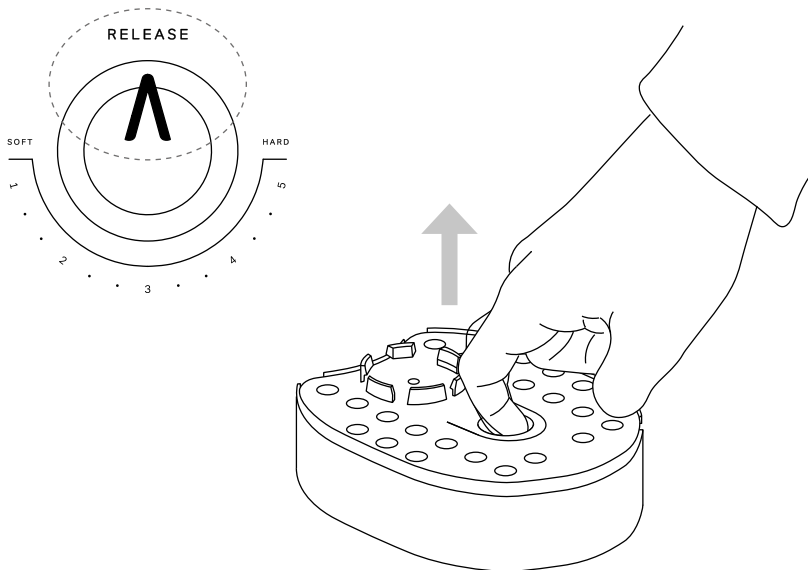


KEY INFORMATION

Replacing a Used Cartridge

When your Filter has come to the end of its life you will need to remove and replace it with a fresh one. This is easy to do.

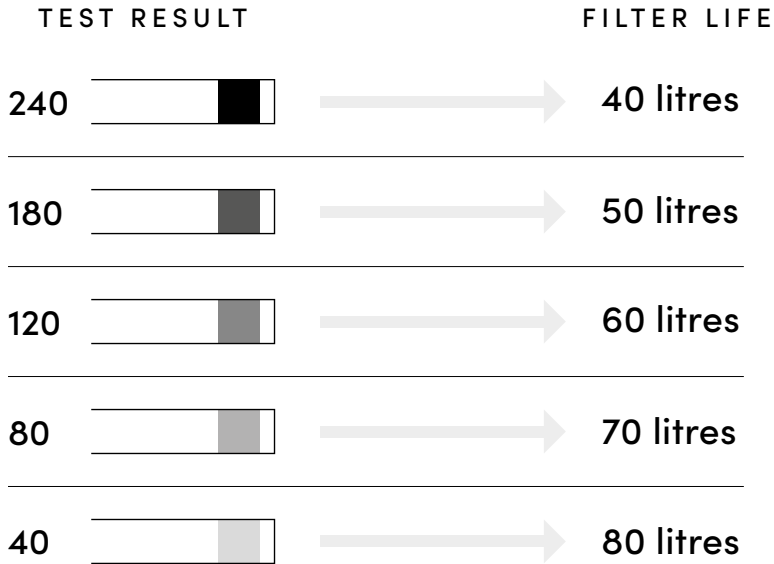
- Simply hold the dial in the **RELEASE** position, remove the Lid and use the ring pull to lift the Filter up and out of the Liner.



Remember to prime each new Peak Water Filter, as outlined on page 8 of this guide.

When Should I Change My Filter?

The lifespan of a Filter is directly related to the volume and the hardness of the water it filters. Harder water means more work for the filter and therefore a reduced lifetime capacity.



NOTE: The results of the above graph assume you have used our recommended settings.



We recommended you change your Filter at a minimum of **every 2 months** to maintain a hygienic filtration environment, regardless of hardness levels and/or amount filtered.

Storage, Use and Cleaning

- Peak Water can only be used with safe, potable drinking water. Peak Water cannot be used for the treatment of contaminated water.
- Peak Water is **NOT** a kettle. It cannot be placed on a heat source and should only be used with cold/room temperature water.
- Filtration times will vary depending on the setting and can range from **1 to 5 minutes**. A hard water setting will have a slower flow rate when compared to a soft water setting.
- For optimal results, ensure that all water has passed through the Filter before pouring. Pouring half-way through the filtration process can result in unfiltered water exiting the jug and mixing with your new filtered water.
- Peak Water can be stored either in or outside a refrigerator and fits most commercially available refrigerator doors.
- Peak Water is not dishwasher safe and should be hand-washed only.

For a full FAQ list please visit peak-water.com/faq

Recycling

Peak Water Filters are designed to be completely regenerable and fully recyclable. You can send your used Filters (2 per shipment) back to us using our prepaid postage service.

- Place any used Filter in a sink or draining board to dry out overnight.
- Once you have collected two used Filters, use the original packaging and apply the prepaid postage sticker.
- Prepaid postage is included with replacement Filters only, as you will most likely always have one Filter in use.
- Drop the used Filters off at your local Post Office or nearest mailbox.

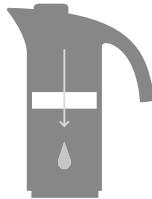
Your Filter will then be returned to us where it will be disassembled. All plastics will be recycled for further use and all resins will be washed, recharged and reused in new Peak Water Filters.

- As of the printing of this manual (August 2020) this service is UK-only. We are currently working with international partners to broaden the Peak Water recycling program. Visit peak-water.com/recycling to see how we're doing!

WATER FOR COFFEE

This guide provides a brief educational overview of the impact of water quality on coffee quality.

It is designed to encourage you to experiment with Peak Water's settings, so you can build bespoke water for brewing specific coffees, or tailor the Filter to your taste.



A Typical Cup of Coffee Is 98% Water

And the quality of that water will make or break a great coffee. In fact, the brewing water's impact is nearly as important as the coffee itself and how it has been roasted.

Cafes around the world utilise filtration systems with variable settings to get the best out of their local water — and brew great coffee with it. These systems are usually calibrated with a simple test that determines the water hardness in that location. A harder water will need more filtration than a softer water.



What Is Water Hardness?

Water picks up all manner of compounds as it travels the world. Harmful contaminants are removed to make water safe to drink, but the majority of all tap water contains a mixture of positive minerals. Water hardness most commonly refers to the amount of calcium in a water that is present alongside bicarbonate. The combination of calcium and bicarbonate creates limescale.

What Do We Want for Coffee?

Controlling the bicarbonate level is crucial for great coffee brewing and the provided test strip measures the specific amount in your water. Bicarbonate not only combines with calcium to create limescale, but also (more importantly) wipes out the acidity and character in coffee.

You do however want a little amount of bicarbonate to balance flavour. In fact, higher levels of bicarbonate can work very well with stronger coffees, like espresso for example.

The two other key minerals in your water are calcium and magnesium. These help extract the full flavour from your coffee. The bypass design of Peak Water allows you to explore having less or more of these three minerals in your brewing water.

Organic and Unwanted Compounds

Water is very good at grabbing and dissolving a variety of compounds — some not so great for drinking. The activated carbon layer in the Peak Water Filter captures and removes these unwanted compounds.

Ph

Ph refers to the overall acidity of a substance — in this case, water. Water can be acidic, alkaline or neutral. A Ph around neutral is desirable for making great coffee. Other filter jugs and systems tend to lower the Ph significantly. These acidic waters actually produce less acidic tasting coffee, as there is less 'room' in the water to fully extract the fruity, acidity-driven flavours. Typical tap water tends to have a Ph of around 7, whilst a cup of coffee is mildly acidic, with a Ph around 5.

Different Waters for Different Coffees

The recommended settings for Peak Water will make most coffees taste great. However, variables like the type of coffee and the way it has been roasted, mean that slight changes to your water settings can be made to really maximise the coffee's flavour.

Going Beyond the Recommended Settings:



Espresso/strong coffee

Adjust the Peak Water dial to a slightly lower number setting. The higher mineral content in the resulting water will allow for a little more bicarbonate. This helps balance the increased acidity that comes with a more concentrated coffee.



Floral and aromatic coffee

Floral coffees, like Geishas, benefit from a very soft water that allows all of the aromatics to shine through. Set Peak Water to the maximum setting of 5 for these coffees.



Fruity and complex coffee

Coffees that are fruit-driven and less aromatic can benefit from water with a higher mineral content, providing body and balance. Set the Peak Water dial to a slightly lower number setting to create a harder water in this instance.



Roast profiles

Utilise a slightly higher setting for darker roast coffees and a slightly lower setting for lighter roast coffees. A darker roast coffee will become cleaner and sweeter with a softer water, whereas a lighter roast can benefit from the higher mineral content of a hard water to bring out more complexity and intensity.

Drinking Water

Delicious drinking water does not necessarily brew delicious coffee — or tea for that matter!

If you like a hard, high mineral content water that tastes full-bodied and balanced you may want to significantly lower your dial setting to allow more minerals into your water. Regardless of the setting you choose to use, all water is treated by the activated carbon, which reduces impurities and unwanted compounds.



Tea

Most teas benefit from a relatively soft water. Green teas and teas with body like Sencha can benefit from a higher mineral content. Experiment with Peak Water's variable settings to tailor your tap water and bring the best out of your tea.



For more information about water, including our advanced tap water testing techniques visit **peak-water.com/advanced**

WARRANTY INFORMATION

Peak Water warrants to the consumer that for the period of 1 year from the date of purchase and when used strictly in accordance with instructions, the Peak Water jug and filters have the effects on municipally treated, potable (safe to drink) tap water described in the user guide provided by us.

During this 1 year period, if you discover that any parts of the jug or filter are damaged or broken, due to defective manufacturing or shipping, we will at our own discretion and on a case by case basis either (a) replace affected parts free of charge, (b) replace the entire unit free of charge, or (c) offer a refund. Such offers will only be made by us provided that your Peak Water Jug and/or filters have:

- 1.** Only been set up and used strictly in accordance with their provided instructions;
- 2.** Only been used with municipally treated, potable tap as water described in the user guide provided by us; and
- 3.** Not suffered any damage through regular wear and tear (where such damage is the subject of the claim).

Where we provide you with replacement parts for your Peak Water jug and/or filter, your warranty period will only run to the 1 year anniversary date of your original purchase.

To make a claim, please email **help@peak-water.com** with details of your issue and your proof of purchase. We reserve the right to ask for further reasonable information in order to assess your claim.

To the extent permitted by local law, this warranty is in lieu of any other warranty, express or implied, including any implied warranty of merchantability or fitness, and precludes any other obligation on the part of the manufacturer, distributor or dealer, including any liability for special, incidental or consequential damages.

For purchasers of Peak Water Jug and/or filters in the UK – this warranty is in addition to and does not affect your statutory rights relating to goods under the Consumer Rights Act 2015 (as may be amended or replaced from time to time). Warrantor details: Peak Water Limited, Unit 5 Apollo Park, Armstrong Way, Yate, Bristol, BS37 5AH.

For international purchases made from third party retailers or distributors other than Peak Water Limited – please refer to their own terms of sale. Additionally, this warranty gives you specific legal rights within your territory, and you may also have other rights which are specific to your territory.

peak water

peak-water.com

This user guide is available to view and download at peak-water.com/userguide