# CARBON BLOCK

# WATER FILTER





*Cartridge changes only £27.10 every six months.* 

# Activated Carbon Block Water Filter Kit

Chlorination of the nation's public water supplies is a vital component in the supply of wholesome drinking water to the domestic user. However many consumers dislike the resulting odour and taste of chlorinated drinking water.

The CB10 domestic water filter kit uses a replaceable filter cartridge based on the superior activated carbon block to remove 75% of chlorine in household drinking water, dramatically improving the taste and smell of tap water.

Available at a lower running cost than many bottled water sources, the CB10 home water filter offers an easy way to get a clean, better-tasting tap water from home. The CB10 water filter offers a better than bottled water quality at a fraction of the cost and far more convenience.

The CB10 filter does not soften the water and leaves in the calcium carbonate that causes water hardness after the water has been filtered.

## **Cost Benefits**

The cost of water from a home CB10 filtration system is approximately 78% less per litre than bottled water. Over the long-term, the cost comparison between bottled and filtered water can be quite significant. Once you own an CB10 home filtration system, your only expense lies in changing the disposable filter cartridge every six months.

#### Convenience

Today, many people will think nothing of carrying home large quantities of bottled water from the supermarket. This inconvenience is costly and unnecessary with home filter systems such as the CB10. If it's required to take water to somewhere, perhaps, the gym or on a journey, it's simple to use filtered water in a refillable water bottle. It's inexpensive and available from a source you can trust.

#### Environment

Environmental Concerns of Bottled Water Of greater concern in the World Wide Fund for Nature study is bottled water's negative impact on the environment. According to a 2001 report of the WWFN, roughly 1.5 million tons of plastic are expended in the bottling of 89 billion litres of water each year. The packaging materials are often environmentally unfriendly in themselves.

Ensign - The Water Softener Centre

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## Kit Consists of:

- Filter housing 10" with mounting bracket.
- WS410 Activated carbon cartridge.
- Sink or worktop-mounting chrome filter tap (white, gold, almond or brown finish available as option).
- Filter Tubing 6mm x 2 meters.
- Inlet Tee valve 15 x 15 x 6mm with built in check valve and quarter turn isolation valve.
- One plastic filter housing spanner.

### Instructions

- 1. Turn off the water supply at the rising main stopcock.
- 2. Choose the location of the sink or worktop filter tap.
- 3. Drill 12mm ( $\frac{1}{2}$ ) hole through worktop or sink.
- 4. Fix filter tap as per instructions provided with tap.
- 5. Fix the inlet Tee valve to the incoming cold water supply.
- 6. Separate the top and bottom of the filter housing, and install the filter cartridge, reassemble the filter housing. Use the supplied plastic spanner to tighten the two parts of the filter housing.
- 7. Choose a location for the filter and fit to the wall or inside of the kitchen unit. There should be approximately 50mm (2") of free space below the filter housing to allow enough room when changing the filter cartridge.
- 8. Using the tubing supplied, connect the filter tap on the sink or worktop to the outlet (marked OUT) of the filter housing. Use a sharp knife to cut the tubing provided squarely and cleanly, to ensure that good seals are made. The tubing is secured by putting the capnut over the hose to be joined, fully inserting the white plastic insert and inserting firmly into hose connection. The capnut is then tighten to form a water tight union.
- 9. Using the tubing supplied and ensuring that there are no kinks in the tubing, connect the inlet Tee valve on the cold water pipe to the inlet (marked IN) of the filter housing.
- 10. Turn on the water supply slowly at the rising main stop cock.
- 11. Open the filter tap and open the inlet Tee valve. Water should flow. Allow it to run for a few minutes to clear any trapped air bubbles. Unlike inferior GAC filter cartridges the activated carbon block cartridge does not contain any black carbon fines and can be used straight away. Check for leaks on the inlet Tee valve, the filter housing and the filter tap under the worktop. The filter is now ready to use.
- 12. To change the CB10 filter cartridge every six months, turn off the supply at the inlet Tee valve and open the worktop filter tap to release any pressure, then use the plastic spanner to undo and tighten the bottom of the filter housing. Remove the old cartridge and replace with a new CB10 filter cartridge, part number WS410.

Prices effective from March 2016		£
CB10	Activated Carbon Block Water Filter Kit with Ensign Water Softener	35.30
WS410	Replacement Filter Cartridge CB10 every six months	27.10

Inclusive of VAT @ 20%