

# Vertaflow™ Filter INSTRUCTIONS

## FILLING THE FILTER WITH CARBON

1. Remove the bottom [inlet] plug and screen.
2. Seat one fibre disk evenly on the polyring.
3. Replace the screen and refit the plug so that the filter body covers the sealing rib.

### Then

1. Remove the top [outlet] plug and screen.
2. Open one of the Vertiflow™ twinpack carbons (by cutting a corner of the sachet) and carefully pour the contents into the column up to the polyring.
3. Tap the column gently to settle the carbon level. Add more if required. Each pack contains slightly more carbon than needed.
4. Brush any carbon particles off the polyring. [If carbon sits on this ring the filter paper will not seal and fine carbon will pass into the purified spirit]
5. Place another fibre disc evenly on the polyring.
6. Replace the screen and refit the plug so that the filter body covers the first scaling rib.

Your vertical flow filter is now ready to flush.

## FLUSHING

This is necessary to remove carbon dust and air from the filter.

1. Connect an 8mm hose to the inlet pipe and connect it to your spirit reservoir – a 15 litre carbouy fitted with a tap is ideal. This should be positioned one metre above the filter unit.
2. Turn the spirit feed on – it will take about 5 minutes for the column to fill and expel all air pockets.
3. Spirit will start to drip from the outlet at about 100ml every 5 minutes.

NB. The first 50 ml of spirit may appear grey. This is the carbon dust being released through the filter. Recycle this into your reservoir until crystal clear spirit appears. If the grey colour is persistent after 250ml, the fibre filter is not seated properly or carbon particles remain on the polyring. In this case reset the filter after cleaning the polyring.

## OPERATION

1. As soon as clear spirit appears from the outlet, stop the supply, remove the outlet plug and seat a filter paper over the grill.
2. Replace the outlet plug and turn the spirit supply on again
3. Filtration can be stopped at any time and restarted later simply by closing your feed tap. The filter reservoir remains sealed and the column remains full.

4. If the rate slows significantly, a replacement filter paper will need to be fitted.

A locking brace is included to retain the inlet pipe if required.

The clean spirit produced by the filter is now ready for flavouring and aging.

## CLEANING

1. Once six litres of spirit has been treated through the filter, the Vertiflow carbon should be replaced.
2. Disassemble the unit, removing plugs, screen and paper. Discard the used filter papers and the carbon. Do not reuse.
3. Rinse the unit in hot water, dry and reassemble.

NB *If very impure spirit is treated the unit will purify less than six litres. Always regularly check for odours and flavours at the outlet during operation.*

↑  
USE ONLY VERTA FLOW™  
CARBON.

No warranty on performance is offered if other carbon types are used.

