

Washing your breatheCLEAN Filter

When do I wash the furnace filter?

1. The breatheCLEAN filter holds a great deal of dirt which can make it difficult to determine when to wash the filter. Each home is unique and the washing intervals will differ anywhere from 3 months to more than a year.



2. We have come up with a really simple way (which is included in all new filter purchases as of May 2017).
3. We simply take a portion of the filter media and clip it to the surface of the filter. Every 3 to 4 months you can check the tab and colour match it to the gray colour swatch. When they are approximately the same, it is time to wash the filter.
4. We include 2 other tabs to be applied after each wash.
5. If these did not come with your filter please email customer@breatheclean.ca and provide your mailing address, they will be sent out free of charge to you via regular mail.

Washing your breatheCLEAN filter is pretty straightforward. Washing the filter is all about removing as much of the dirt as we can while still retaining the high performance of the filter media. The filter will not return to white as all of the ultra fine particles that have been removed will be permanently lodged into the nano fiber material. This is perfectly normal.

Here are your washing instructions. (Soaking Method)

1. Note you do not need a temporary filter in your furnace while washing your breatheCLEAN filter. By the time your filter needs washing the air in your home is very clean. All we suggest is you do not do a major housecleaning while the filter is being washed.
2. Fill your bathtub with hot water high enough to cover the top of your filter. Lay the filter in with the air direction arrow pointing down.
3. Take a pitcher of hot water and add a cup of vinegar to it and pour this over the surface of the filter as evenly as possible.

4. Take a second pitcher of water and add a half cup of liquid detergent, stir it and pour this over the surface of the filter as evenly as possible.
 - a. We used **non-scented Dr. Bronners Pure Castille Soap** for this.
5. Allow the filter to soak for a good 4 hours or so. You will notice the water becomes dirty which is a great sign. Note we had to put a pitcher full of water on top of the filter to hold it down as it wants to float.
6. After 4 hours remove the plug from the drain. While the water is draining spray the surface of the filter with clean warm or hot water, flushing out as much dirt as possible from the pockets in the media.
7. Thoroughly rinse filter on both sides to remove all the residual soap and miscellaneous particles.
8. Stand filter up and allow it to drip off as much water as possible until the next day. The media, when wet, will appear darker due to moisture. As it dries it will lighten in colour to a soft gray.
9. The filter will still be quite damp after one day of drying due to the very high surface area of media. You can complete the drying process by;
 - a. Standing the filter in front of a fan and allowing this to dry the filter. This will take several hours.
 - b. You can insert the filter into the furnace slot but only about 2/3 of the way. Allow the furnace fan to dry the filter.
10. Once filter is completely dry apply a filter tab to the surface and reinsert the filter into your furnace. You are ready to reinsert the filter completely into your furnace slot.



Dishwasher cleaning method (SPL models only)

1. Split the filter into two pieces and place into an empty dishwasher with the face of the filter positioned to receive maximum spray possible.
2. Run the filter through a quick rinse cycle to remove any of the larger dirt particles.
3. Using your regular dishwashing detergent run the filter through minimum Normal wash cycle on the eco-wash setting. (DO NOT ENABLE HEAT DRYING).
4. Once filter halves are washed remove and allow to drip dry in either your sink, laundry tub or outdoors for a day.
5. If filter is still damp then place in front of a fan, or re-assemble and insert 2/3 into your furnace slot allowing the furnace fan to complete the drying process.
6. Once completely dry attach a new filter tab and completely insert filter.

Our filter washing challenge

We want to find better and better ways to wash our filters and perhaps your detergent or washing process works well. You can use any detergent, vinegar and other cleaning process to wash your filter but we would

really love the winning solution to be as environmentally friendly as possible. One winner will be chosen for each; soaking method and dishwasher method.

You cannot scrub the filter media surface as this will disrupt the nanofibers.

If your cleaning process works well please email it to us with pictures of your filter after washing (and before washing as well) to us at:

customer@breatheclean.ca

We will evaluate all the submissions and ideas over the next year and try the best ones on our host of test filters. If we determine your washing process is the best one we receive we will provide you with a free SPECK air quality monitor and \$250.00 in cash!

Since these filters last so long between washings we will announce the winning method and winner (with their permission of course) in April of 2018.