

Combi Oven 3M Water Filter Install Guide

3M Water Filter Installation

1. Remove system from the package and check parts. (see Fig. 1)
2. Select the installation location. Allow a minimum of 3" of space below cartridge for change-outs.
3. Select fasteners (not included) and tools appropriate for installation location. The location and fasteners must support the weight of the system when full of water.
4. Draw a line using a level on the mounting surface.
5. Mark the locations for the fasteners either by measuring the distance between the bracket holes or using the bracket itself.
6. Drill Holes for the fasteners.
7. Allow 1/4" - 3/8" of each fastener to protrude from the surface.
8. Install the head and bracket onto the fasteners.
9. Tighten fasteners.
10. Install inlet (left) and outlet (right) piping. Be sure to use PTFE tape. (see Fig. 2)
11. Install a 3/8" ID x 3/8" MIP Nylon Barbed Elbow to the inlet on the left side of the filter head. Be sure to use PTFE tape. (see Fig. 3 & 4)
12. Connect a 1/2" OD x 3/8" ID tubing to the 3/8" ID x 3/8" MIP Nylon Barbed Elbow on the left side of the filter head (inlet). Then connect a 3/4" GHT x 3/8" Barb Brass Garden Hose Swivel Adapter to the end of the tubing at the length needed to reach the water outlet source. Use a 5/16" - 5/8" - #4 Adjustable Clamp at each end to hold the tubing in place. Be sure to use PTFE tape. (see Fig. 4, 5, 6 & 7)
13. Install a 3/8" ID x 3/8" MIP Adapter to the outlet on the right side (outlet) of the filter head. Be sure to use PTFE tape. (see Fig. 4 & 8)



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8

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Fig. 9



Fig. 10

- 14.** Connect a 4" piece of 1/2" OD x 3/8" ID tubing to the 3/8" ID x 3/8" MIP adapter on the right side of the filter head (outlet). Then connect a 3/8"IN x 1/2" MIP Nylon Barbed Elbow to the tubing on the right side of the head. Use 5/16" - 5/8" - #4 Adjustable Clamps at each end to hold the tubing in place. (see Fig. 5, 7, 8 & 9)
- 15.** Connect the supplied water line to the 3/8"IN x 1/2" MIP Nylon Barbed Elbow on the right side of the Filter Head. Then push connect the end of the 5/16" OD water line into the back of the unit. Be sure to use PTFE tape. (see Fig. 4 & 10)

Filter Cartridge Installation

- 1.** Remove sanitary cap from top of new cartridge. Moisten o-ring with water and push into filter head. Turn cartridge 1/4 turn to the right until it stops. Top surface of cartridge will become flush with bottom of the head when fully engaged. The label should be facing forward.
- 2.** Complete water hardness test as per the water hardness test kit instructions included with the new cartridge box. The water sample for the water hardness test should come from up stream before the location of the Filter. (see Fig. 11)
- 3.** Based on the water hardness test results, set the blend setting head as per the cartridge settings guide for Boilerless Combi Ovens in the manual that came in the cartridge box. (see Fig. 12)
- 4.** Turn the water on and flush the new filter cartridge by expelling 2.5 gallons of water through the filter. Water may run cloudy with air but will quickly clear. The system is now ready for use. (see Fig. 13)

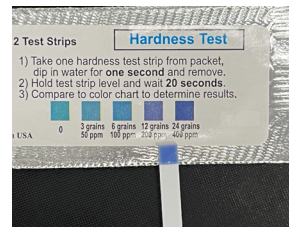


Fig. 11



Fig. 12



Fig. 13