

HBA 10 & 11 – Retrofitting the MAVEA Purity C Water Filter Kit (p/n 1216062.0140)

IMPORTANT:

1. Before starting the installation ensure that machine is isolated from the electrical supply, **remove the power cord from the outlet**, and **shut OFF the water supply**.

2. The heater tank must be cleared of all calcium/lime scale and the hot water delivery valve seals & seats must be de-scaled/cleaned prior to activating the MAVEA Purity C water treatment system. The system is designed prevent scale from forming, but it will not remove scale already formed.

Note: For advice on how to de-scale the heater tank please contact Vendnet (800-833-4411)

Parts in each Kit (1216062.0140):

- 1 x 4217854 – Instructions – Retrofitting Purity C-150
- 1 x 4217657 – MAVEA Purity C head (Cartridge Holder) & Mounting Bracket
- 1 x 4217655 – MAVEA Purity C size 150 Cartridge
- 1 x 4217658 – Temporary Hardness Kit
- 1 x 4217855 – Instructions – Water Hardness Kit
- 2 x 4217648 – 3/8 x 3/8 FIP Brass Elbow
- 4 x 4215233 – Hose Adaptor MIP 3/8 x 3/8
- 4 x 4215529 – 5/8" Hose Clamp
- 2.5ft x 4215517 – 3/8 x 5/8 OD Silicon Braid Hose
- 2 x 7200468.001 – #10-12 x 1" Phil Screw

Tools/materials required:

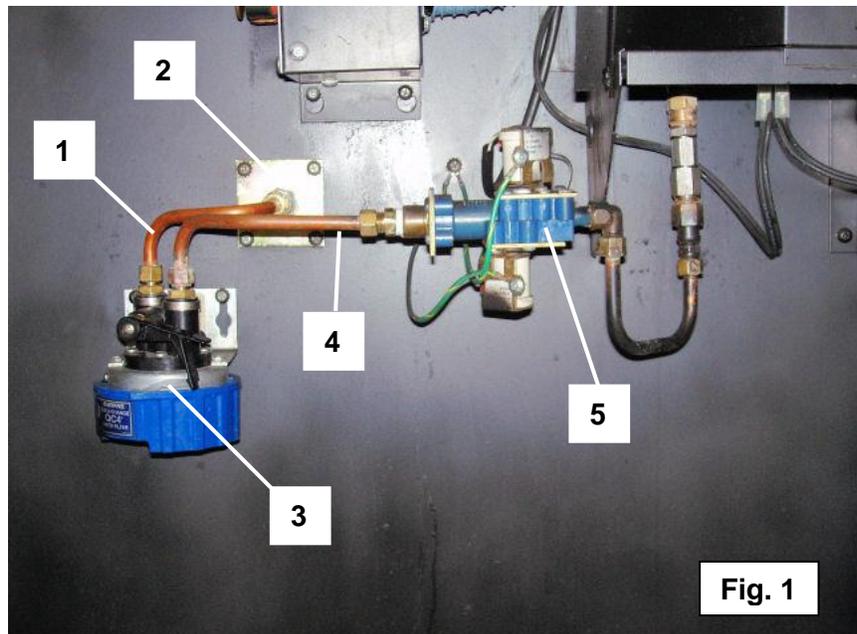
- No. 2 Philips Screwdriver
- 11/16" Wrench
- All Purpose end cutter tool
- Teflon Thread Sealing tape

Procedure:

IMPORTANT: Read through all the steps before proceeding

Referring to Fig. 1:

1. Remove made-up copper pipes '1' & '4' and discard
2. Remove bulkhead plate '2' and retain
3. Remove Filter Head '3' and return in subject to promotion
4. Remove Inlet Valve '5' and retain





5. Using a 1 1/16" wrench, remove and discard the brass adaptor from the bulkhead plate

6. Apply 5 turns of Teflon thread sealing tape to each of the 4 x 4215233 – Hose Barb Adaptors (MIP 3/8 x 3/8)
7. Cut the 2ft 6in length of braided silicon tubing in half into two equal 15" lengths
8. Apply 5 turns of Teflon thread sealing tape to the 3/8" inlet/outlet fittings of the Purity C filter head
9. Fit a Hose Barb Adaptor into each of the 3/8" brass equal elbows
10. Fit a 3/8" brass equal elbow onto to each of the inlet/outlet fittings of the filter head
11. Fit a Hose Barb Adaptor into the bulkhead inlet plate and re-fit to the cabinet back panel
12. Fit a Hose Barb Adaptor into the entry of the Inlet Valve and re-mount onto the copper pipe & secure
13. Mount & secure the Purity C mounting bracket using the 2 x 7200468 - #10-12 x 1" Phil Screws
14. Spread the arms of the bracket and mount the head as shown in Fig. 2 below
15. Slide a 5/8" Hose Clamp onto each end of the silicon tubes, 1/4" from the end in each of the 4 cases
16. Take one of the silicone tubes and push one end onto the filter head outlet fitting '6' (Fig.2)
17. Push the other end of the tube onto the entry of the inlet valve '7' (Fig.2)
18. Take the other silicon tube and push one end onto the bulkhead plate barb '8'
19. Push the other end onto the remaining adaptor on the inlet of the filter head
20. Using the end cutter tool carefully crimp each of the 4 hose clamps to secure the tube joints
21. Re-connect the power cord and turn ON the water supply to fill & reheat the heater tank and also check for leaks
22. Remember to purge a pint of water through the grey tube '7' (Fig.2) to remove all the air and carbon dust from the filter unit by pressing the gray button on the top surface of the head. Drain some water from the heater tank to achieve this i.e. whilst the tank is refilling

