PURA™

Installation of 1240 Reverse Osmosis Unit in the PURA Ultimate Point-of-Use Cooler

Please verify that all the required items have been received.

The 1240, 3 vessel reverse osmosis installation kit includes the following items.

1. 1240 three vessel reverse osmosis manifold (1) Part # 124010X0
2. Reverse osmosis membrane (1) Part # 33001033 (50 gallon per day)
3. Sediment/Carbon Cartridge (1) Part # 41400076
4. Carbon Cartridge (1) Part # 41400009
5. RO install kit (safety clips, drain and inlet tapping saddle valve, miscellaneous tubing) Part # 42903004
6. ¼", Tubing, Red (6 FT) Part # 115206
7. ¼", Tubing, White (10 FT) Part # 115200
8. Adapter, ¼" x 3/8" (1) Part # PI201208S
9. Adapter, ¼" x ¼" (1) Part # PI0408S
10. Flow control Red Tubing (1) Part #40600041
11. AirGap™ (1) Part # 44403001

Sanitizing Procedures
Please refer to 1240 RO manual and PURA POU Cooler manual for sanitizing instructions.

Intercomponent Quick Connect Connection
Please refer to page 2 of 1240 RO manual on how to use quick connect fittings.

1240 RO Installation Instructions

1. Install the membrane and filter cartridges in their respective vessels of the 1240 RO. Please refer to the 1240 Installation manual for details.
2. Remove the lower front panel. Two screws securing the lower part panel are located on the front, lower sides near the floor. Depress the recessed tabs of the lower front panel and pull outward simultaneously to remove.
3. Insert the ¼" blue inlet water tubing on to the inlet quick connect fitting located on the back and ¼" drain flow control tubing inside the cooler through the grommet. The inlet water tubing can be attached to the water source feed line with the help of saddle-tapping valve. Please refer 1240 RO manual for saddle-tapping valve installation. The installation of saddle-tapping connections may be prohibited in certain local plumbing codes.

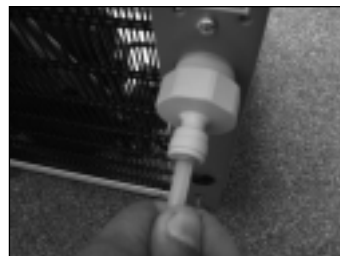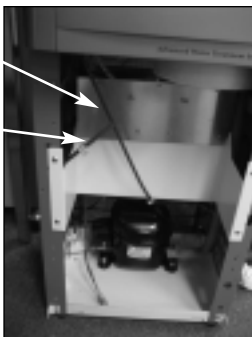¼" Tubing from the Cooler

¼" Inlet Water Tubing

Figure 1

4. There will be a blue ¼" tubing attached to the cooler. See figure 1. Insert this tubing to the ¼" port of the quick connect adapter (Adapter, QC, ¼" x 3/8"). Attach a white 3/8" tubing to the other end of the adapter and insert the 3/8" tubing to the 3/8" elbow. Attach the 3/8" elbow to the faucet connection of the RO. Install safety clips to the elbows. Please refer to figure 2 below.

¼" Elbow

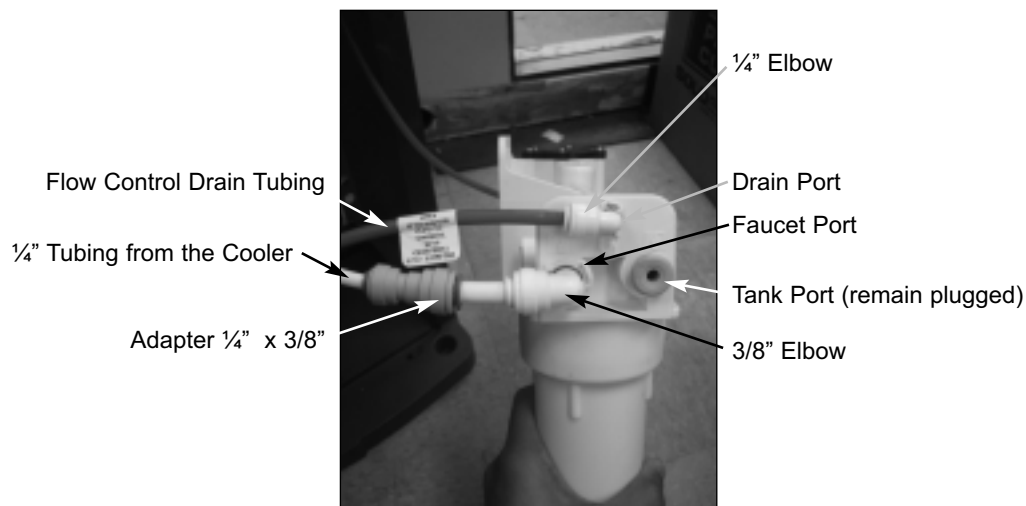Flow Control Drain Tubing

Drain Port

Faucet Port

¼" Tubing from the Cooler

Tank Port (remain plugged)

Adapter ¼" x 3/8"

3/8" Elbow

Figure 2

5. Attach the ¼" quick connect elbow to the drain port of the RO and insert the flow control tubing to this elbow. Please refer to picture 2 shown. The flow control tubing can be extended with the help of ¼" X ¼" adapter and ¼" red tubing supplied. The drain line can be attached to the drain line through the AirGap™ or drain saddle. Please refer to the 1240 RO manual for details. The installation of saddle-tapping drain connections may be prohibited in certain local plumbing codes.
6. The tank port on the 1240 RO needs to be remained plugged. Please see the picture 2 for details.
7. Attach the ¼" elbow to the inlet port of the RO and attach the inlet water tubing to it as shown in figure 3. Install safety clips to the elbow.
8. Mount the RO on the screws attach to the bracket inside the cooler. See figure 4 below.

Figure 3

Figure 4

9. A ¼" shut off valve can be attached to the feed water line.
10. Follow the steps 2 to 17 given in the page 12 of the PURA Ultimate manual (54755).

Installation of Quick Connect Pentek Cartridges in the PURA Ultimate Point-of-Use Cooler
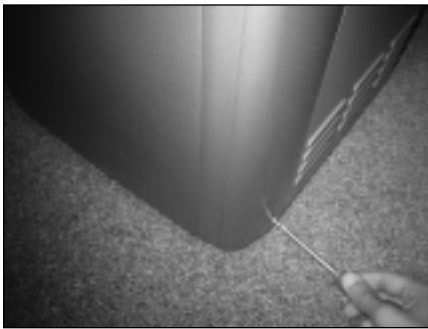
Please verify that all the required items have been received.

The quick connect Pentek Cartridge kit includes the following items.

1. Head, Cartridge, Quick Connect (1) Part # 244426
2. Cartridge, Sediment (1) Part # 25568843
3. Carbon Cartridge c/w Head (1) Part # 158682
4. Tubing, 1¼", white (10 FT) Part # 115200

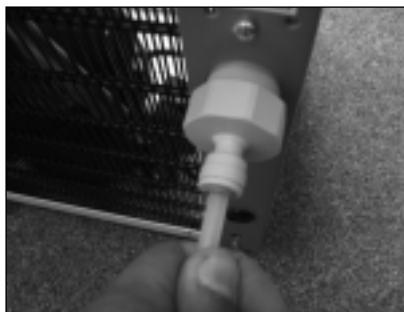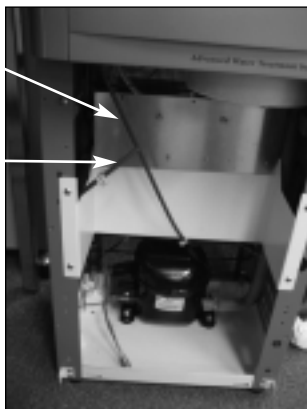**Quick Connect Pentek Cartridge Installation Instructions**

1. Remove the lower front panel. Two screws securing the lower front panel are located in the front, lower sides near the floor. Depress the recessed tabs of the lower front panel and pull outward simultaneously to remove.

2. Insert the ¼" inlet blue water tubing on to the inlet quick connect bulk fitting located at the back of the cooler. There will be a blue ¼" tubing attached to the cooler.

¼" Tubing from the Cooler

¼" Inlet Water Tubing

Quick Connect Pentek Cartridge Installation Instructions Cont'd

3. Insert the ¼" white inlet tubing to the inlet head of sediment cartridge filter. Insert the ¼" tubing of the cooler (furnished with the unit) to the outlet of the carbon cartridge filter. Connect the sediment and carbon filter with a ¼" tubing. Please refer to figure 5 below.

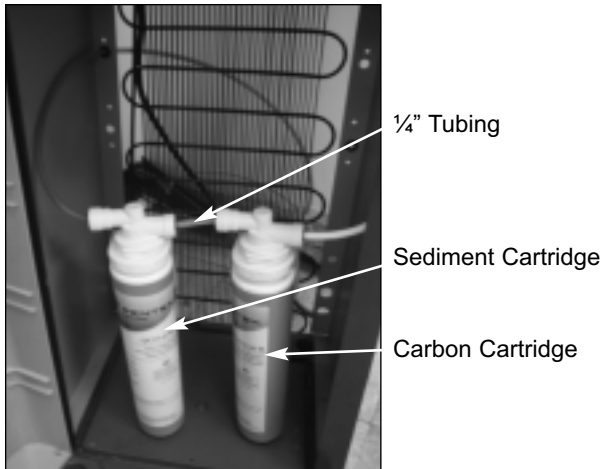

¼" Tubing

Sediment Cartridge

Carbon Cartridge

Figure 5

4. Mount both the sediment and carbon cartridge to the bracket located inside the cooler. Refer to figure 6 below.

Figure 6

5. A ¼" shut off valve can be attached to the feed water line.
6. Follow the steps 2 to 17 given in the page 12 of the PURA Ultimate manual (54755).