PURA™

Installation of 1240 Reverse Osmosis Unit in the PURA Max and Max Plus 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, 1/4" x 3/8" (1) Part # PI201208S
9. Adapter, 1/4"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. Open the lower door of the cooler as shown on the right.
3. Insert the ¼" white inlet water and ¼" drain flow control tubing inside the cooler through the grommets. 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.
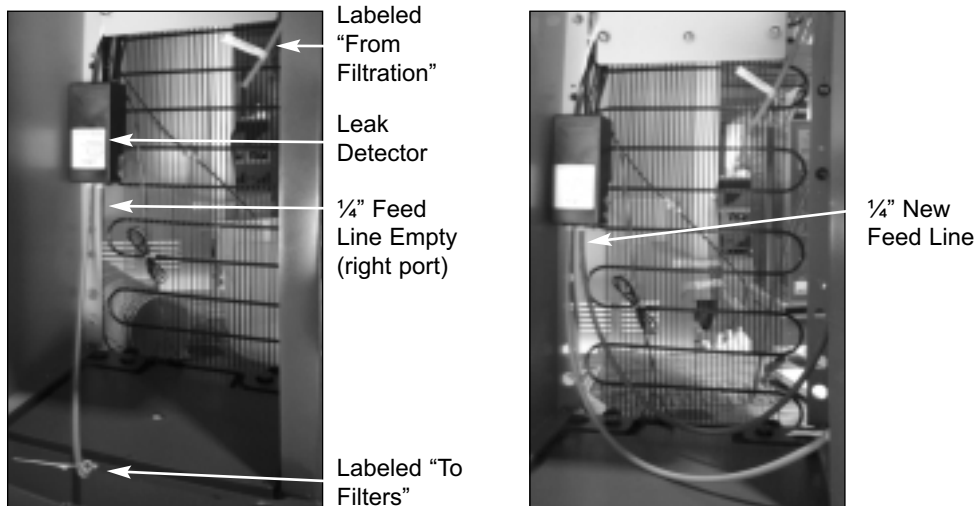

Labeled "From Filtration"

Leak Detector

¼" Feed Line Empty (right port)

¼" New Feed Line

Labeled "To Filters"

Figure 1

4. Attach the end of the ¼" feed line that was inserted in step 2 into the open fitting on the bottom right side of the leak detector.
5. Attach the ¼" elbow to the inlet port of the RO. Insert the end of the ¼" line from the leak detector, labeled "To Filter", into the ¼" elbow inlet of the RO. Install safety clips to the elbow in figure 2.
6. Attach the cold water tank ¼" supply tubing, labeled "From Filtration", (furnished with the unit) 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 3.
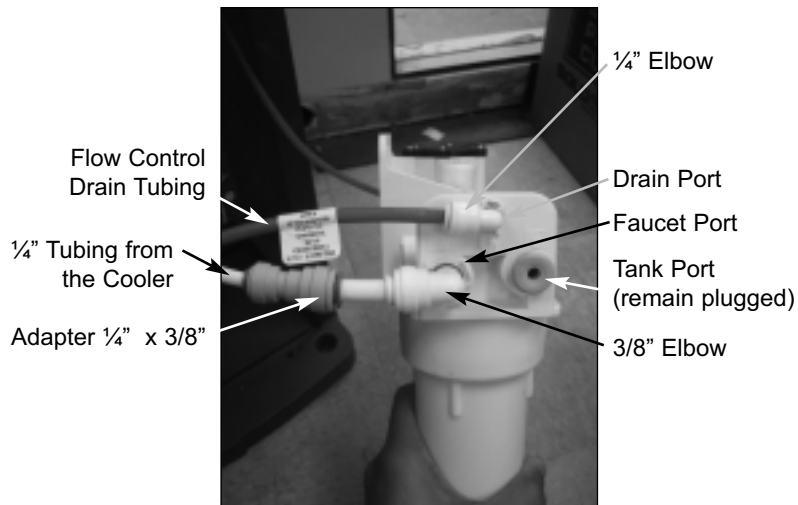

Figure 2

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 3

7. 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 3 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.
8. The tank port on the 1240 RO needs to be remained plugged. Please see the figure 3 for details.
9. Mount the RO on the screws attach to the bracket inside the cooler. See figure 4.

Figure 4

10. A ¼" shut off valve can be attached to the feed water line.
11. Follow the steps 9 to 19 given in the page 8 of the PURA Max or Max Plus manual (54754).

Installation of Quick Connect Pentek Cartridges in the PURA Max and Max Plus 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, 1/4",white (10 FT) Part # 115200

Quick Connect Pentek Cartridge Installation Instructions
1. Open the lower door of the cooler as shown in figure 5 below.

Figure 5

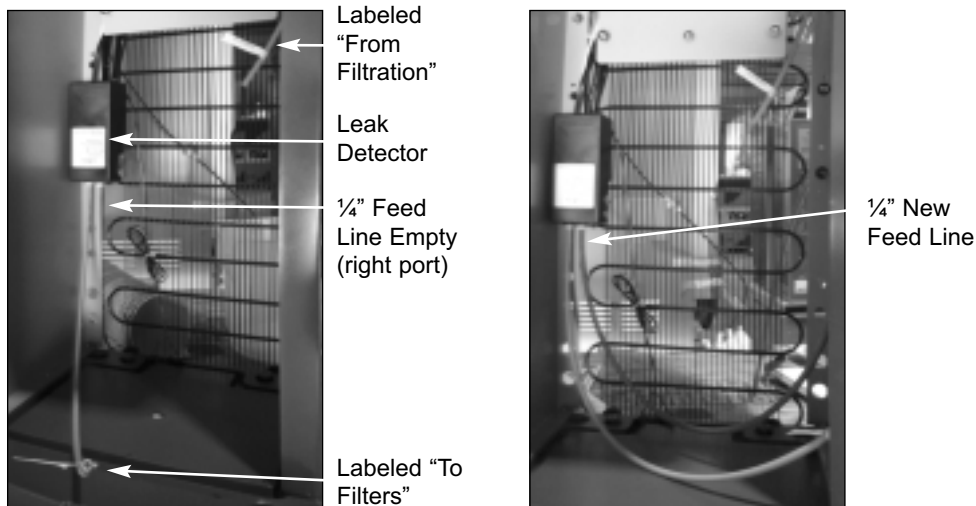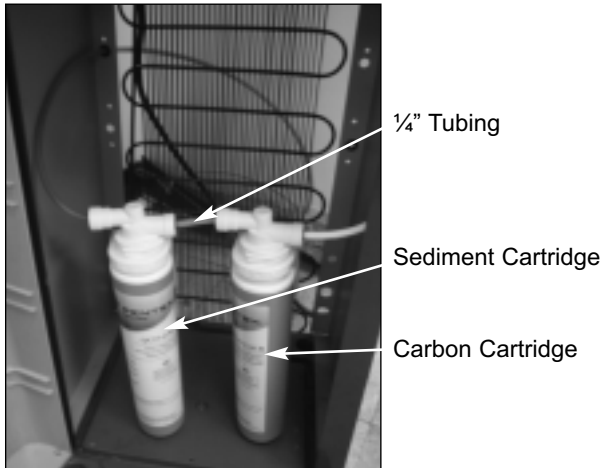2. Insert the ¼" inlet white water tubing inside the cooler through the grommets.

Labeled "From Filtration"

Leak Detector

¼" Feed Line Empty (right port)

¼" New Feed Line

Labeled "To Filters"

Figure 6

Quick Connect Pentek Cartridge Installation Instructions Cont'd

3. Attach the end of the ¼" feed line that was installed in step 2 into the open fitting on the bottom right side of the leak detector. Attach the end of the ¼" line from the leak detector, labeled "To Filter", into the inlet of the filter. Connect the sediment and carbon filter with a ¼" tubing.

4. Attach the cold water tank ¼" supply tubing, labeled "From Filtration", (furnished with the unit) to the outlet of the filter.

¼" Tubing

Sediment Cartridge

Carbon Cartridge

5. Mount both the sediment and carbon cartridge to the bracket located inside the cooler.

6. A ¼" shut off valve can be attached to the feed water line.

7. Follow the steps 9 to 19 given in the page 8 of the PURA Max or Max Plus manual (54754).