

101, 102 AND 103 SERIES REVERSE OSMOSIS SYSTEMS RETROFIT DRAIN LINE FLOW CONTROL KITS

Application:

This retrofit kit is for the discontinued 101, 102 and 103 Series Reverse Osmosis Systems. These Reverse Osmosis Systems were also described as the 1010, 1020 and 1030 Series. This retrofit kit updates the drain line flow control to the type used with our current Reverse Osmosis Systems (1240 Series).

This retrofit kit includes an internal plug assembly for the manifold and a capillary flow control contained within the red drain line tubing.

These retrofit drain line flow control kits are setup to be used with the following membrane sizes.

TABLE 1

Retrofit Kit #	Retrofit Kit Description	Nominal TFC Membrane Rating (gpd)	Replacement TFC Membrane Item #
33136	Retrofit Kit, 101-103 Series, 09 GPD	9	33001071
33137	Retrofit Kit, 101-103 Series, 25 GPD	25	33001068
33138	Retrofit Kit, 101-103 Series, 50 GPD	50	33001033
33139	Retrofit Kit, 101-103 Series, 75 GPD	75	33001056

If you are installing one of the above retrofit drain line flow control kits in a discontinued Reverse Osmosis System that is not equipped with a 9, 25, 50 or 75 GPD nominal sized membrane, we recommend that the following Kit-to-Membrane combinations be used. Alternatively, a replacement matching membrane can be installed with the retrofit kit as listed in TABLE 1.

TABLE 2

101 and 102 Series Systems with TFC Membranes	Original 101 or 102 Series Flow Control	Recommended Retrofit Drain Line Flow Control Kit
6 GPD	40600003	Item # 33136
15 GPD	40600004	Item # 33137
35 GPD	40600006	Item # 33138
45 GPD	40600007	Item # 33138
103 Series Systems with CTA Membranes	Original 103 Series Flow Control	Recommended Retrofit Drain Line Flow Control Kit
15 GPD	40600004	Item # 33137

CAUTION: If you are replacing the membrane of a Reverse Osmosis system equipped with a CTA membrane to one of the TFC membranes listed above, the sediment pre-filter also needs to be replaced with a Dual Sediment / Carbon prefilter that will protect the TFC membrane from oxidation damage on Chlorinated water.

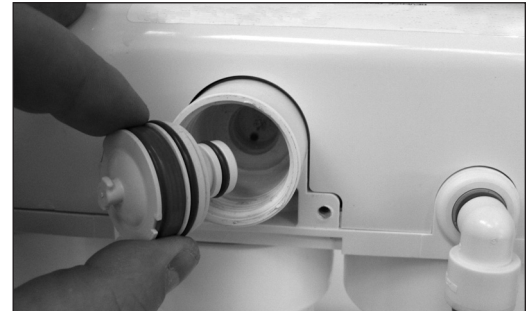
By using the existing membrane, the product-to-waste ratio will be slightly greater. We recommend when the membrane requires replacement, the matching 9, 25, 50 or 75 GPD membrane be installed as listed in TABLE 1.

Removal and Installation:

1. Remove the outer flow control cap from your existing 101, 102 or 103 Series.



2. Remove the original flow control from the housing that is being replaced due to plugging, damage, etc.



3. Insert the new flow control retrofit plug into the drain line housing.



4. Replace the outer flow control cap.



5. Insert the Red Drain flow control tube into the 1/4" Quick Connect Fitting on the outer Flow Control Cap.

CAUTION: Do not trim the end of this tubing as marked. The tubing contains the new capillary flow control. Do not use the existing 1/4" tubing.

