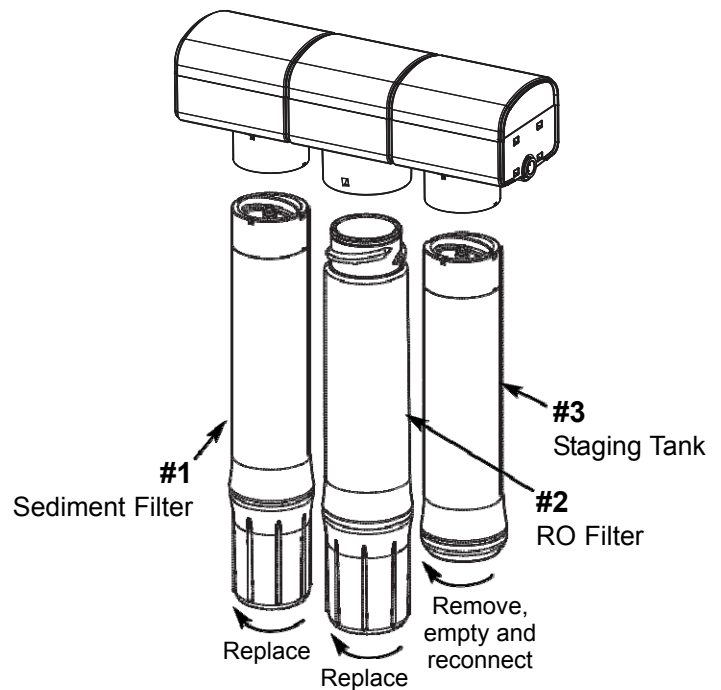

MAINTENANCE

Replacement Steps - Water Filters

- It is recommended that the #1 sediment filter and #2 RO filter be replaced at least once per season or as needed.
- Do not replace the #3 staging tank. At the end of the humidification season, unscrew the #3 filter and empty any remaining water.
- When installing new filters, install #2 RO filter first, followed by the #1 sediment filter.

NOTE: Periodically check the flow control to be sure the small hole through it is clean and unrestricted. If the flow control requires service, remove and replace the cylindrical plastic flow control that is inserted into the elbow connector. If the flow control remains in the manifold when the elbow connector is removed, you will need to remove the drain ports collar and O-ring to retrieve it.



Turn cartridges in the direction of the arrow to remove. Turn them in the opposite direction to install.

FIG. 6

NOTE: Refer to the steam humidifier's manual for more detailed maintenance steps.

TROUBLESHOOTING

The following table refers to the steam humidifier's fault detection feature.

Number of “Service” red light blinks	Description	Possible Cause	Corrective Action
2	Water level sensors failed to detect tank water	Scaling on the sensor	Replace #1 sediment filter and #2 RO filter. See steam humidifier manual troubleshooting section for specific humidifier steps
3	Failed to fill steam humidifier tank	Expired #1 and #2 water filters	
		Missing flow control in drain line	Replace flow control
4	Heating element overheated	Scaling on element	See steam humidifier manual for cleaning steps
6	Water overflow sensed in humidifier tank	Heavy sediment in humidifier tank	
13	Tank failed to drain		
	Blinking “Cleaning required” light on steam humidifier		
	Continual water flow to drain	Check valve or automatic shutoff assembly plugged or parts worn	Replace RO system

MAINTENANCE PARTS

Key No.	Part Number	Description
1	50046083-001	One #1 sediment filter
2	50046084-001	One #2 reverse osmosis (RO) filter
3	50046089-001	One #3 staging tank
4	50046086-001	Filter kit, including one #1 sediment filter, one #2 RO filter, and one flow control

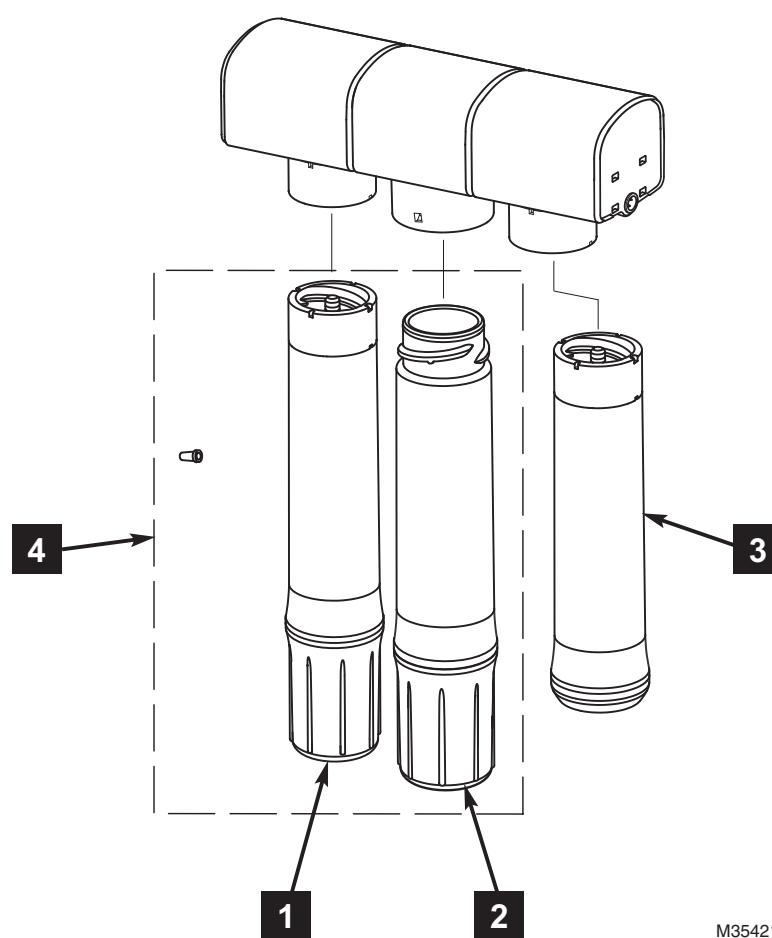


FIG. 7