

Water Specialist 1" & 1.25" No Hard Water Bypass Valve



Order No. V3070FF • F x F

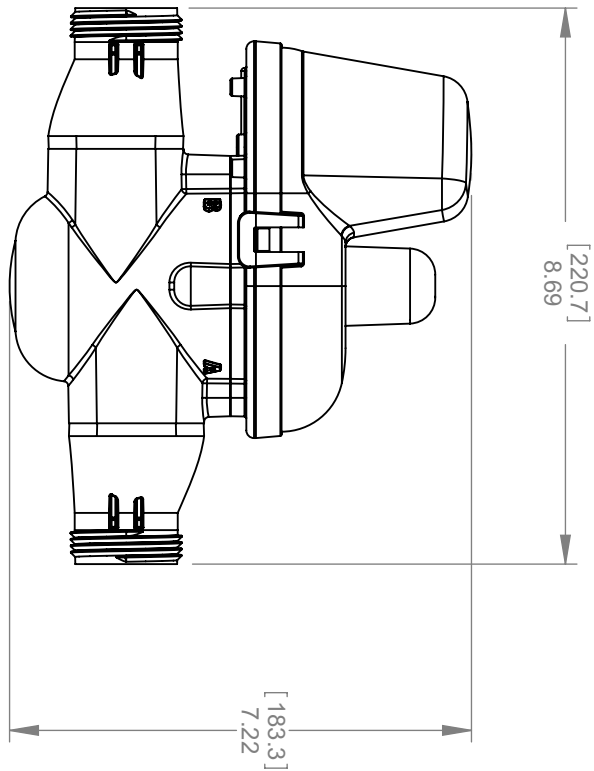
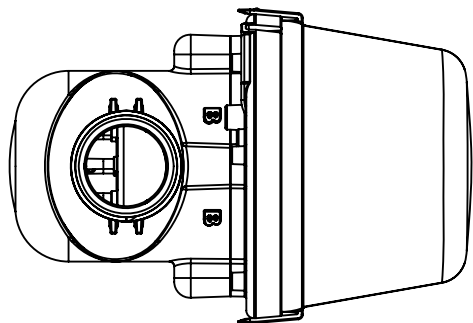
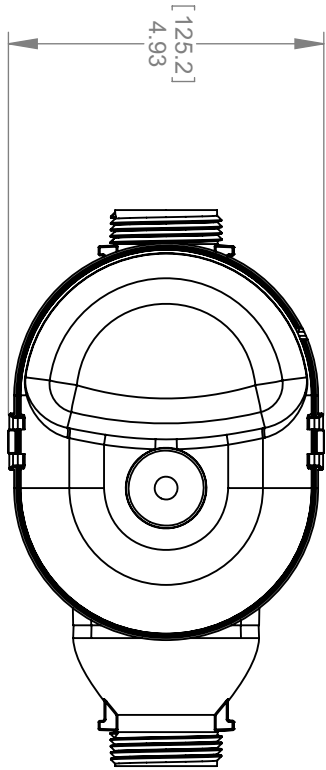


Order No. V3070FM • F x M

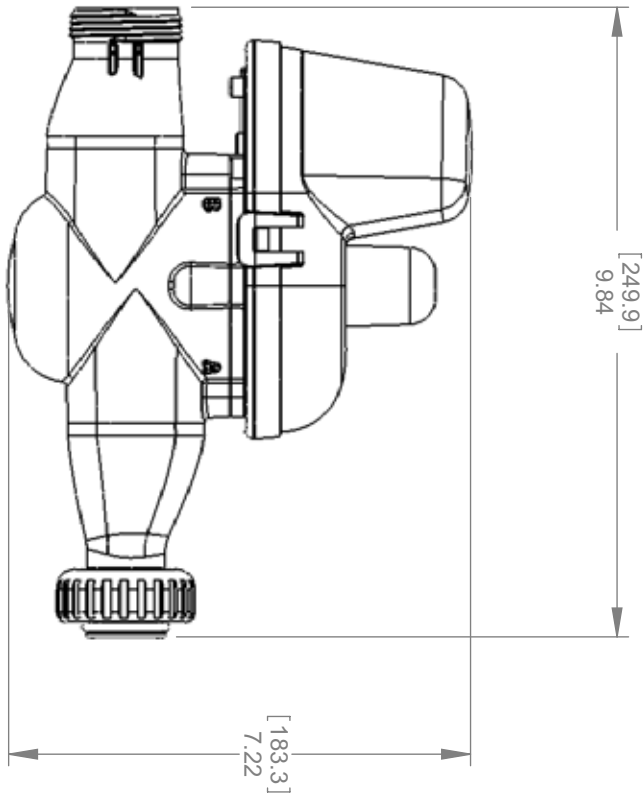
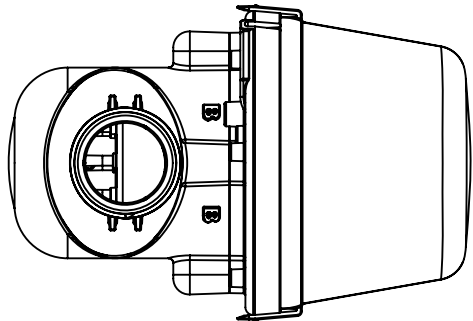
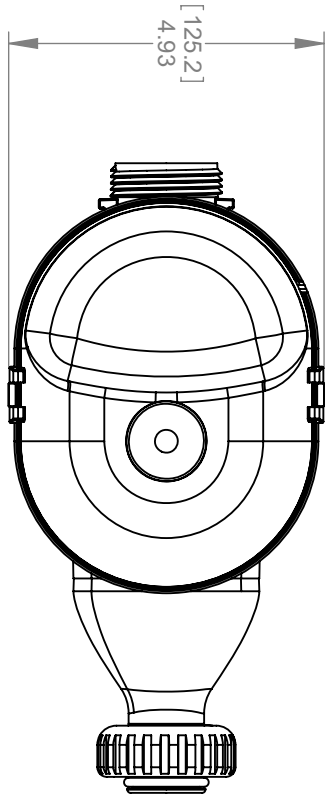


- Eliminates raw water by-pass during regeneration
- Full 1.25" ports for minimal pressure loss
- Low voltage drive assembly controlled by valves circuit board
- Proven and reliable Clack DC drive assembly
- Utilizes WS1 and WS1.25 Control Valve Fittings

V3070FF



V3070FM



Order No. V3070FF • Description: NO HARDWATER BYPASS 1/125 F-F
or

Order No. V3070FM • Description: NO HARDWATER BYPASS 1/125 F-M

Plan the position of the no hard water bypass valve and control valve carefully because of the following:

- The 8' no hard water bypass valve motor cable must be threaded through the back plate and connected to the two pin connector labeled DRIVE on the control valve board. Approximately 1' of the cable length should be allowed for weaving through the back plate.
- The 15' AC Adapter cable must be thread through the back plate of the control valve. Approximately 1' of the cable length should be allowed for weaving through the back plate. The AC adapter should be installed to a properly grounded not switched outlet.

Try to allow sufficient slack in cables so cables may be zip tied to plumbing lines to prevent the cables from being accidentally pulled. Where necessary, break out the tab in the back plate to allow two cables to be woven through the same slot in the back plate. No more than two cables may be woven through one back plate slot. To help prevent damage to cables, allow solder joints to cool or solvent cement joints to cure after completing the various service, drain and regenerant plumbing connections. Thread the various cables through the appropriate back plate(s) and connect as described in the bullets above.

Service Water Plumbing Connections

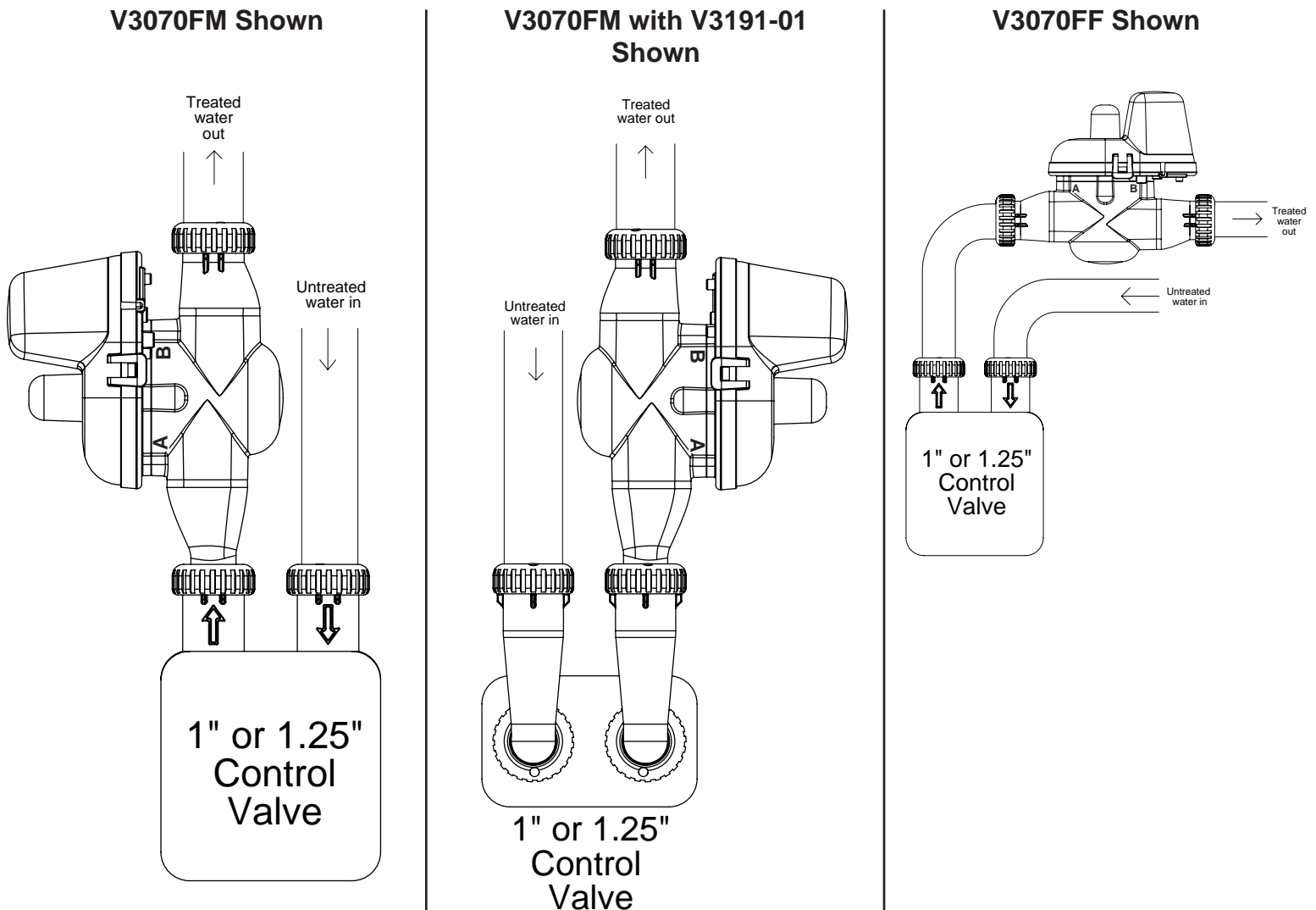
Connect the water service line to the water inlet of control valve.

Connect the outlet of the control valve to the port labeled A on the no hard water bypass valve.

The no hard water bypass valve is open when the threaded portion of the motorized alternating valve drive gear is visible in the clear dome of the cover.

If control valve is in an error state during regeneration mode, the no hard water bypass valve will remain closed until error is corrected and reset.

If the control valve manual does not include instructions for setting up no hard water bypass software, visit www.clackcorp.com to download the current copy of the instructions.



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or

Order No. V3070FM • Description: NO HARDWATER BYPASS 1/125 F-M

Drawing No.	Order No.	Description	Quantity	
			V3070FF	V3070FM
1	V3073	MAV/NOHWBY COVER ASY	1	1
2	V3476	WS MOTOR ASY 8 FT	1	1
3	V3592	SCREW #8-3/4 PHPN T-25 SS	3	3
4	V3262-01	WS1.5&2ALT/2BY REDUCGEARCVASY	1	1
5	V3110	WS1 DRIVE GEAR 12X36	3	3
6	V3264	WS2 BYPASS REDUCTION GEAR AXLE	3	3
7	V3527	SCREW 1/4-20 X 3/4 BHSCS SS	4	4
8	V3072	MAV/NOHWBY 1/125/15 DRIVE ASY	1	1
9	V3506-01	MAV/NOHRD 1/125/15 PISTON	1	1
10	V3074	MAV/NOHWBY 1/125/15 STACK ASY	1	1
11	V3521FF	NOHRD WTR BYPASS BODY ASY F-F	1	N/A
12	V3521FM	NOHRD WTR BYPASS BODY ASY F-M	N/A	1
13	V3151	WS1 NUT 1 QC	N/A	1
14	V3150	WS1 SPLIT RING	N/A	1
15	V3105	O-RING 215	N/A	1

