



## **FLOW METER CLEANING PROCEDURE**

OCCASIONALLY ALGAE CAN GROW IN FLOW METERS, ESPECIALLY THE "REJECT" AND "REJECT RECYCLE" FLOW METERS. USE THE FOLLOWING PROCEDURE TO CLEAN THE FLOW METERS.

- 1) IF YOU HAVE A GEM FR-2 OR GEM FR-4 FRAME MODEL, THE FLOW METERS ARE ATTACHED TO THE FRAME WITH PIPE CLAMPS. ON CABINET MODELS, AKS-HDB AND AKS-HDB-1, THE FLOW METERS ARE ATTACHED TO THE CABINET WITH BOLTS FROM INSIDE THE CABINET.
- 2) THE FLOW METERS ON THE FRAME MODELS HAVE A PVC UNION ATTACHED TO THE PIPE ON THE DISCHARGE END OF THE FLOW METER, USUALLY BEHIND THE FRAME. THE FLOW METERS ON THE CABINET MODELS HAVE UNIONS ATTACHED TO THE FLOW METERS INSIDE THE CABINET. THE FLOW METERS ON THE CABINET MODELS DO NOT ALWAYS NEED TO BE REMOVED TO BE CLEANED.
- 3) TO CLEAN THE FLOW METERS ON THE CABINET MODELS, REMOVE THE PLUG AT THE TOP OF THE FLOW METER AND CAREFULLY REMOVE THE STAINLESS STEEL STEM AND FLOW INDICATOR. THE INSIDE OF THE FLOW METER CAN BE CLEANED WITH A PAPER TOWEL AND A MILD DETERGENT TO REMOVE THE ALGAE.
- 4) TO CLEAN THE FLOW METERS ON THE FRAME MODELS, LOOSEN THE PIPE CLAMPS AND THE PVC UNION. UNTHREAD THE FLOW METER FROM THE BOTTOM PIPE. REMOVE BOTH TOP AND BOTTOM PLUGS AND THE STAINLESS STEEL STEM AND FLOW INDICATOR. USE A PAPER TOWEL OR BOTTLE BRUSH WITH A MILD DETERGENT TO REMOVE THE ALGAE.
- 5) RE-ASSEMBLE THE FLOW METER. **CAUTION: BE SURE YOU DO NOT OVER TIGHTEN THE PLUGS.** INSTALL THE FLOW METER ON THE FRAME. RUN THE R.O. AND CHECK FOR LEAKS.

**IF YOU HAVE ANY QUESTIONS, CALL THE G.E.M. WATER SYSTEMS SERVICE DEPARTMENT AT 1.800.755.1707.**