

G.E.M. Water Systems, Int'l. LLC

DESIGNER AND MANUFACTURER OF REVERSE OSMOSIS SYSTEMS

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## **FLUSH MODE**

DURING THE FLUSH MODE, A SOLENOID VALVE IN THE SYSTEM OPENS, ALLOWING A HIGHER REJECT FLOW ACROSS THE MEMBRANE(S). THIS IS NOT A BACKFLUSH MODE. THE HIGHER REJECT FLOW CAUSES PARTICLES ADHERING TO THE MEMBRANE SURFACE TO BE FLUSHED TO DRAIN. THIS PREVENTS PREMATURE FOULING OF THE MEMBRANE(S).

THE PRODUCT FLOW AND REJECT FLOWS ARE NOT REVERSED IN THIS MODE. THIS FLUSH CYCLE LASTS FOR 5 MINUTES.