

SUBSTANTIAL WATER SAVINGS WITH GREEN FLUSH



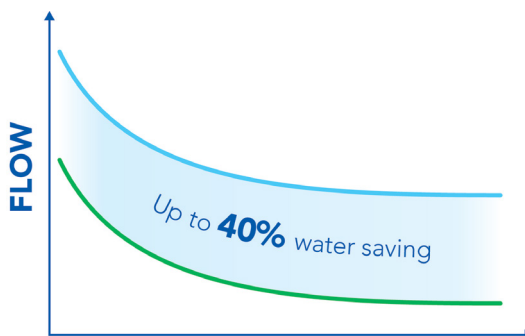
For spiral-wound membrane filtration systems



APPLICATION

Driven by our strong focus on sustainability, we have developed a number of upgrades to reduce the environmental footprint of installed membrane filtration systems.

Upgrades to Green Flush is available for spiral-wound systems from 2009 with automation systems: Step 7 Classic, TIA portal or Rockwell. If the filtration system is from before 2009, it may still be possible to upgrade.



HIGHLIGHTS

- Reduced flush flow
- Reduced flushing time
- Water reduction by up to 40%
- Reduced effluent water
- Power savings

OPERATING PRINCIPLE

Green Flush technology is time based, utilizing the frequency converters on feed and loop pumps for achieving a plug flow like flush flow through the filtration system.

By monitoring the interaction between feed pressure and loop pressure, recirculation rate on the loop are minimized, as also flows are minimized. This is increasing the flush efficiency and reducing both flow rates and flushing time, resulting in lower flush water consumption.

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