

Demand Moore Reliability

535 Profile Controller for Backwashing of Filters

Water treatment plants operate on tight budgets and must ensure that all equipment and systems are maintained. The water filtration system is one area that can be costly if not properly cleaned and cared for. Ineffective backwashing is one of the main reasons that water treatment filters fail.

Backwashing these filters is a form of preventative maintenance that is necessary and can be automated. Backwashing involves several steps that are run in a controlled sequence for defined periods of time, much like a batch recipe. The 535 Profile controller is a NEMA 4X PID ¼ DIN controller that has recipe or batch processing capability. This user friendly, easy to configure controller is a fraction of the cost and complexity of PLCs which are typically used for automating filter backwashing.

**535 Profile
Controller**

