

ALTERNATOR



Alternator Unit #1 Stager Controller

The ALTERNATOR consists of a sequencing pilot stager integrated with the stager controllers and hydraulic diaphragm valves of the water softener system. An internal cycle timer receives a signal from an external device, such as a water meter, to alternate the softeners and cycle the exhausted softener through its regeneration.



Remote Unit #2 Stager

How It Works

Unit #1 in service and Unit #2 in stand by. Water meter gives impulse, ALTERNATOR places unit #2 in service, regenerates Unit #1 and places it into standby.

Alternator Advantages

- Allows for smaller softener selection in high hardness waters with low flow conditions.
- Fully automatic operation of twin softeners with only one water meter.
- Guarantees soft water at all times
- Hydraulic balancing is eliminated.
- Eliminates the possibility of two softeners demanding regeneration at the same time.
- Reduces the capital equipment costs.



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