

ALTERNATOR

Alternator Unit #1 Stager Controller



Remote Unit #2 Stager



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.

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.