



THE 6700

advanced electronic water conditioning control

- Solid state microprocessor with user friendly front panel. LED status indicators display time of day, usable capacity remaining, regeneration cycle in progress.
- Choose from 3 modes of operation; immediate meter regeneration, delayed meter regeneration, or delayed time clock regeneration.
- Backwash capacity handles tanks up to 12" diameter for softener applications, 10" for filter applications.
- Fully adjustable downflow or upflow regeneration cycles.
- High impact UV stable, flame retardant polycarbonate protective hood is pressure sealed for added protection against moisture, dust and dirt.
- Standard 9V alkaline battery backup.



6700 specifications

Valve Material	Noryl
Inlet/Outlet Cycles*	3/4" (Female) 5
Flow Rate (50 psi inlet)	Valve Alone
Continuous (15 psi drop)	20 gpm
Peak (25 psi drop)	26 gpm
Cv **	5.2
Maximum Backwash (25 psi drop)	7 gpm
Regeneration:	
Downflow/Uplow	Yes
Adjustable	Yes
Time Available	Up to 999.9 min. per cycle
Meter Accuracy Range	0.25 - 15 gpm ± 5%
Meter Capacity Range	1 - 9,995 gals.
Dimensions:	
Distributor Pilot	13/16" or 1" (1.050) Pipe O.D.
Drain Line	1/2" NPT (Female)
Brine Line	3/8"
Mounting Base	2-1/2" - 8 NPSM
Height (from top of tank)	7-1/2"
Tank Application - can regenerate/backwash the following:	
Water Softener	6" - 12" diameter
Iron Filter	6" - 10" diameter
Sediment Filter	6" - 10" diameter
Carbon Filter	6" - 10" diameter
Neutralizing Filter	6" - 10" diameter
Electrical Rating	24v, 110v, 220v - 50 Hz, 60 Hz
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110°F

*Cycles	Typical Time:
1. Backwash (Uplow)	10 minutes
2. Brine and Slow Rinse (Uplow or Downflow)	60 minutes
3. Rapid Rinse (Downflow)	10 minutes
4. Brine Tank Refill	12 minutes
5. Service (Downflow)	

**Cv - Flow rate of valve alone at 1 psi pressure drop

Options:

- Plastic or brass bypass valve
- Backwash filter
- Uplow regeneration
- 1" inlet/outlet
- 2 tank DI
- 90° angle yoke (Noryl)
- 90° angle yoke (lead free brass-3/4" sweat or 3/4" NPT)

Shown with protective hood removed and optional meter and plastic bypass valve and yoke.

