



Cold Spring 320-685-8762
St. Cloud 320-252-1358

www.erkenswater.com

6700 Series Upflow Brining

6700 SERIES



Product Features

- Fully adjustable upflow regeneration cycles
- Choose from 3 modes of operation: immediate regeneration, delayed meter regeneration, or delayed time clock regeneration
- Solid state microprocessor with use friendly front panel LED status indicators display time of day, usable capacity remaining, regeneration cycle in progress
- Diagnostics displays
- Backwash capacity handles tanks up to 12" diameter for softener applications, 10" for filter applications
- High impact UV stable, flame retardant polycarbonate protective hood is pressure sealed for added protection against moisture, dust and dirt
- Timed auxiliary output
- Brine tank design with safety float and grid stand to prevent overflows and mushy salt issues

Valve Specifications

Valve material	Noryl*
Inlet/Outlet	3/4"
Cycles	5

Flow Rates (50 psi inlet) - Valve Alone

Continuous (15 psi drop)	20 GPM
Peak (25 psi drop)	26 GPM
CV (flow at 1 psi drop)	5.0
Max. backwash (25 psi drop)	7 GPM

Regeneration

Downflow/Upflow	Both
Adjustable cycles	Yes
Time available	Up to 999.9 minutes per cycle

Meter Information

Meter accuracy range	.25 - 15 GPM +/- 5%
Meter capacity range (gal.)	1 - 9,999,999

Dimensions

Distributor pilot	0.8125" or 1.050" pipe O.D.
Drain line	1/2" NPTF
Brine line	1600 - 3/8"
Mounting base	2-1/2" - 8 NPSM
Height from top of tank	7-1/2"

Typical Applications

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

Additional Information

Injector brine system	1600
Electrical rating	24 v - 60 Hz. 50 Hz
Max. VA	6.1
Estimated shipping weight	Time clock: 5 lbs. Metered valve: 6 lbs.
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F

* Noryl is a registered trademark of General Electric Company



Options

- Plastic or brass bypass valve
- Backwash filter
- Variable brining
- Meter initiated regeneration
- Double backwash
- Auxiliary switches