PENTAIR

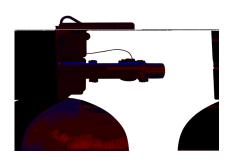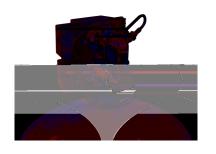## FLECK® 3900

FEATURES/BENEFITS

Lead-free brass valve body for superior strength and durability

Continuous service flow rate of 250 GPM with a backwash of 100 GPM

Backwash capability accommodates softener tanks up to 63" and filter up to 42" in diameter

Fully adjustable 3- or 5-cycle control for efficient and reliable water treatment system

Designed for single or multiple tank systems

Environmental protective cover for water resistance, corrosion resistance, and UV stability

Time-tested, hydraulically balanced piston for service and regeneration

Rugged-built electromechanical timer designed with heavy-duty, wide plastic gears

OPTIONS

Filter or softener control valves

Downflow co-current or upflow counter-current regeneration

No hard water bypass piston

Brine cam auxiliary switch

Electromechanical timer auxiliary switch

Treated water regeneration

Versatile top or side mount

Electromechanical 7- or 12-day time clock, meter delayed, or meter immediate regeneration

NXT network controller uses on-board communication capabilities to link multiple valves (via off-the-shelf CAT3, CAT5, or better cable) for system types 4,5,6,7,9,and

XT- timer a two-line, 16 character LCD backlit display for ease of view of master or user programming as well as view of diagnostics

Electromechanical timer simple to adjust and easy to service with quick access to all mechanical components

TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 61 Section 8 Material Safety Only.

TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.

Restriction of Hazardous Substance Compliant

FILTRATION & PROCESS | F EC 3900 3 I CH C ⊥ E

VALVE SPECIFICATIONS

Valve Material	Lead-free brass*
Inlet/Outlet	3" NPTF/BSPF
Cycles	3 or 5

FLOW RATES (50 PSI INLET) – VALVE ALONE

Continuous 15 psi drop	250 GPM (56.8 m³/h)
Peak 25 psi drop	325 GPM (73.8 m³/h)
Cv flow at 1 psi drop	65
Max. Backwash 25 psi drop	100 GPM (22.7 m³/h)

REGENERATION

Downflow/Upflow	Both

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PENTAIR