

# HIGH PERFORMANCE FILTRATION/SOFTENER AUTOMATIC CONTROL VALVE

- CE certificate
- ROHS certificate
- Solid state microprocessor with LED display
  - #00 #0 #1 #2 #3 #4 throat nozzle
  - 0.125 gpm 0.25 gpm 0.5 gpm 1.0 gpm brine line
  - flow control 1.5 gmp 2.0 gpm 2.4 gpm 3.0 gpm
  - 3.5 gpm 4.0 gpm 5.0 gpm 7.0 gpm drain line
  - flow control
- Injector & drain modules containing the brine valve, flow controls and injector are removable from the valve's exterior
- Ruggedly built timer is designed with heavy-duty 3/8" wide plastic gears
- Compact turbine meter
- Non-corrosive & UV-resistant fiber-reinforced polymer valve body
- Straight drainage or elbow drain connector option
- Customized front label
- Patented bypass option

Front ▶



Back ▶



TESTED EMC and Low  
Voltage Directive



Restriction of Hazardous  
Substance Compliant

## VALVE SPECIFICATION

### MATERIAL

VALVE BODY	FOOD GRADE PPO PLASTIC
DRIVE PISTON	LEAD-FREE BRASS WITH TEFLON® COATED
SEALS	FOOD GRADE EPDM
LUBRICATION	FOOD GRADE GREASE

### MOUNTING DIMENSIONS

INLET & OUTLET	1" or 3/4 NPT or BSPT
BASE	2-1/2" NPSM
CENTER TUBE	1.05" O.D.
DRINE PORT	1/2"
BRINE PORT	3/8"
HEIGHT FROM VESSEL TOP	185 mm

### WORKING CONDITION

VOLTAGE	24V/110V-120V/220V-240V
FREQUENCY	50HZ/60HZ
VA	8.4
WATER PRESSURE	0.25 MPA -0.4 MPA
TEMPERATURE	1-50 DEGREE CELSIUS

### FLOW RATE PERFORMANCE

VALVE ONLY	
CONTINUOUS 15 PSI	20 GPM
PEAK 25 PSI	26 GPM
CV 1 PSI	5.0

### SOFTENER SYSTEM

0744 0.6 CF	3.08 GPM
0948 1.06 CF	5.28 GPM
1054 1.42 CF	8.81 GPM
1665 4.24 CF	13.2 GPM

### SAND FILTER SYSTEM

0744 20 KGS	1.76 GPM
0948 35 KGS	3.08 GPM
1054 50 KGS	3.96 GPM
1248 60 KGS	5.72 GPM

### REGENERATION

TIME CLOCK	CYCLE DAYS
METERED	DELAYED or IMMEDIATELY
WEEK	DAYS OF WEEK
BRINE FLOW	DOWN FLOW
CYCLES	5
ADJUSTABLE CYCLES	ALL CYCLES
TIME AVAILABLE	ADJUSTABLE

### MODEL NAME

INEZ1-ST	SOFTENER TIME CLOCK
INEZ1-FT	FILTER TIME CLOCK

### ADDITIONAL

INJECTOR BRINE SYSTEM	1600
BYPASS	PLASTIC or STAINLESS STEEL
RAW WATER MIXED	WITH VALVE or BYPASS

