

HIGH PERFORMANCE FILTRATION/SOFTENER AUTOMATIC CONTROL VALVE

5 cycles , all fully adjustable

Solid state microprocessor with LED display

#00 #0 #1 #2 #3 #4 throat and nozzle

0.125 gpm 0.25 gpm 0.5 gpm 1.0 gpm brine line

flow control 1.5 gpm 2.0 gpm 2.4 gpm 3.0 gpm

3.5 gpm 4.0 gpm 5.0 gpm 7.0 gpm 8.0 gpm 9.0 gpm

10. gpm 12.0 gpm 15.0 gpm drain line flow control

Programming ease and options increase efficiency,
save salt and water Ruggedly built timer is designed
with heavy-duty 3/8 " wide plastic gears

Compact turbine meter

Continuous flow rate of 20 GPM

Downflow or upflow regenerations

Choose from 3 modes of operation: Immediate meter
regeneration,delayed meter regeneration,delayed
time clock regeneration Timed brine refill with soft
water Capable of regenerating up to 16 " diameter
softeners and filters Strong ,durable valve body,
weather-resistant enclosure The Professional
Product Program 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	8"

WORKING CONDITION

VOLTAGE	24V/110V-120V/220V-240V
FREQUENCY	50HZ/60HZ
VA	8.4
WATER PRESSURE	0.25 MPA -0.4 MPA
TEMPREATURE	1-50 DEGREE CELSIUS
HUMIDITY	45%-75%

FLOW RATE PERFORMANCE

VALVE ONLY	
CONTINUOUS 15 PSI	21 GPM
PEAK 25 PSI	27 GPM
CV 1 PSI	5.4
MAX. Backwash 25 PSI	17 GPM

TYPICAL APPLICATIONS

SOFTENER	6"-16"
IRON REMOVAL	6"-16"
SAND FILTER	6"-16"
CARBON FILTER	6"-16"
MULTIMEDIUM	6"-16"

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

INTZ1-ST	SOFTENER TIME CLOCK
INTZ1-SM	SOFTENER METERED
INTZ1-FT	FILTER TIME CLOCK

ADDITIONAL

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

