i5 1” Control Valve

The i5 series controller by IWP. Simple and intuitive programming. Exceptional trouble-shooting and diagnostics capabilities. Private labelling and marketing. Clack reliability!

Features!

- Dual MAV Drivers, timed, flow, regeneration, cycle based control!
- Dual relay driver, highly programmable
- 1”, 1.25”, 1.5”, 2” single, 1” and 1.5” twin plastic, 1.5” and 2” brass
- Progressive flow without a system controller, up to 4 units!
- Your name, phone number on the main screen for repeat business!
- Programmable service alarms based on time and/or volume used.
- Algorithmic salt level indicator!

Customize your i5 or standard Clack valve! All polyurethane domed stickers are available for easy customization!

Not ready to customize? No worries, our stock polyurethane domed stickers are included and look amazing! When you are ready, chose the stickers you want to customize and our team is ready to assist!

2101 E. Francis Street, Ontario, CA USA 91761 * 909-939-8008 * www.ImpactWaterProducts.com

Specifications

Inlet/Outlet ..... 3/4” to 1-1/2” NPS
Cycles ..... Up to 6
Valve Material..... Noryl or equivalent
Regeneration.....Upflow/Downflow

Control valve Flow Rates

Service @15 psi drop (includes meter).....27 gpm
Backwash @ 25 psi drop..... 27 gpm
Cv Service..... 7.0
Cv Backwash.....5.4

Operating Pressures

Minimum/Maximum.....20 psi – 125 psi

Operating Temperatures

Minimum/Maximum..... 40° – 110° F

Meter specifications

Accuracy..... ± 5%
Flow Rate Range.....0.25 – 27 GPM
Gallon Range..... 20 – 1,500,000 gallons
Totalizer.....1000 – 9,999,000 gallons

Dimensions & Weight / Distributor Pilot

Distributor Pilot.....1.05” OD (3/4" NPS)
Drain: .....3/4” or 1” Male NPT
Brine Line Connection.....3/8” or 1/2” OD Poly Tube Compression
Mounting Base..... 2-1/2”- 8 NPSM
Height From Top Of Tank.....7-3/8”
Shipping Weight With Meter.....4.5 lbs.

Electrical Specifications AC Adapter	**U.S.**	**International**
Supply Voltage	120V AC	230V AC
Supply Frequency	60 Hz	50 Hz
Output Voltage	15VDC	15VDC
Output Current	500 mA	500 mA

Tank Applications

Water Softener..... 6” – 21” diameter
Water Filter @ 10 gpm, per ft2.....6” – 21” diameter

Cycles of Operation	**Softener**	**Filter**
Cycle Range of time in minutes		
1. Backwash 1st (upflow)	1-95	Backwash 1-95
2. Regenerate Draw/Slow Rinse (downflow)	1-180	
3. Backwash 2nd (upflow)	1-95	
4. Fast Rinse (downflow)	1-95	Rinse 1-95
5. Regenerant Refill	0.1-99.0 or off	
6. Service (downflow)		

Options: External Inline Mixing Valve, Backwash Filter, Bypass, Weather Cover, No Hard Water Bypass, Alternate Source Valve, Alternator Valves, Micro-Switches, and Much More.

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

Optional External Inline Mixing Valve

Certified to NSF/ ANSI 61 and 372*

Standard Clack valves in stock!

- 1" top mount control valve suited for residential and light commercial applications
- Noryl or equivalent valve body
- Optional integrated meter assembly
- Service flow rate of 27 gpm, backwash 27 gpm
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining or upflow brining, slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with a 8 hour carry over
- 15-volt output DC Adapter provides safe and easy installation
- Post treated water regenerant refill
- Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
- Patented linearly reciprocating piston operation U.S. Patent 6,444,127
- Reliable and proven DC drive