

CLACK® MA CONTROL VALVE

Enhances usability with an intuitive text menu and optional multi-color backlighting for improved visibility and orientation. This option is ideal for those who value a balance between functionality and ease of use.



KEY FEATURES

- Downflow /Upflow regeneration
- Normal brine fill and Proportional brine fill capability
- Fully programmable regeneration cycle sequence (up to 9 cycle total)
- Fully programmable regeneration cycle duration times
- Text-based settings menu
- 3-color menu indication
- Screen backlight

CLACK® AM CONTROL VALVE

Code	Description	Flow rate, m3h		Connection
		Service, (pressure drop 1 bar)	Backwash (pressure drop 1.7 bar)	
VIMADME-03*	WS1MA VALVE DN M I-E	6.12	6.12	1"
VIMAUME-M03*	WS1MA Valve UP M I-B with mixing valve	6.12	6.12	1"

* Available options with different injectors



Water Specialist AM 1" Control Specifications

Inlet/Outlet Fittings	¾" to 1.5" NPS
Cycles	up to 9
Valve Material	Fiber Reinforced Composite
Regeneration	downflow/upflow

FLOW RATES

Service @ 15 psi/1 bar drop (includes bypass and meter).....	102 lpm (6.12 m ³ /h) (27 gpm)
Backwash @ 25 psi/1.7 bar drop (includes bypass).....	102 lpm (6.12 m ³ /h) (27 gpm)

OPERATING PRESSURES

Minimum/Maximum	20 - 125 psi (1.4 - 8.6 bar)
-----------------------	------------------------------

OPERATING TEMPERATURES

Minimum/Maximum	40° - 110° F (4° - 43° C)
-----------------------	---------------------------

METER

Accuracy	± 5%
Flow Rate Range	0.95 - 102 lpm
Volume Range	0.02 - 5,700 m ³
Totalizer	1 m ³ - 99,999 m ³

DIMENSIONS & WEIGHT

Distributor Pilot	1.050" OD Pipe (¾" NPS)
Drain Line	¾" or 1" NPT
Brine Line	¾" or ½" OD Poly Tube
Mounting Base	2 ½"- 8 NPSM
Height From Top Of Tank.....	7 ¾" (187 mm)
Weight	4.5 lbs (2 kg)

ELECTRICAL SPECIFICATIONS

POWER SUPPLY

	U.S.	International
Supply Voltage	100VAC to 120VAC	200VAC to 240VAC
Supply Frequency	50/60 Hz	50/60 Hz
Output Voltage	15VDC	15VDC
Output Current	500 mA	500 mA

TANK APPLICATIONS

Water Softener	6" - 21" Diameter
Water Filter (1)	6" - 21" Diameter

CYCLES OF OPERATION

Choose up to nine regeneration cycles, in any order, with a wide range of available values: Cycle	
	Range of values
Backwash	1 - 120 minutes
Rinse	1 - 120 minutes
Pause (service)	1 - 480 minutes
Brine (co-current)	1 - 180 minutes
Refill (softener)	0.05 - 90.00 Kg
Refill (filter)	0.2 - 76.00 Liters

Options: Backwash Filter, Bypass, Weather Cover

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