

CLACK WS1.25 – Technical Specifications

GENERAL

Parameter	Specification
Inlet / Outlet Connections	¾" – 1.5" NPS
Cycles	Up to 6
Valve Material	Fiber Reinforced Composite
Regeneration	Downflow
Operating Pressure	20 – 125 psi
Operating Temperature	40 – 110 °F
Options	Backwash Filter, Bypass, Weather Cover

FLOW RATES

Parameter	Specification
Service @15 psi drop	34 gpm (includes meter, bypass, 1.25" fitting kit)
Backwash @25 psi drop	32 gpm (external drain line flow control required)
CV Service	8.8
CV Backwash	6.4

TANK APPLICATIONS

Parameter	Specification
Water Softener	6" – 21" diameter
Water Filter	6" – 24" diameter (tank size @10 gpm backwash per sq.ft of bed area)

METER

Parameter	Specification
Accuracy	±5%
Flow Rate Range	0.25 – 34 gpm
Gallon Range	20 – 50,000 gallons
Totalizer	1,000 – 9,999,000 gallons

DIMENSIONS & WEIGHT

Parameter	Specification
Distributor Pilot	1.32" OD Pipe (1" NPS) or 32 mm OD
Drain Line	¾" or 1" NPT
Brine Line	3/8" or 1/2" OD Poly Tube
Mounting Base	2 1/2" – 8 NPSM
Height from Top of Tank	7 3/8"
Weight	4.5 lbs

CYCLES OF OPERATION (Minutes)

Parameter	Specification
Backwash 1st (upflow)	6 – 12
Regenerate Draw / Slow Rinse (downflow)	45 – 75
Backwash 2nd (upflow)	3 – 12
Fast Rinse (downflow)	3 – 8
Regenerant Refill	As programmed (in service with treated water)

ELECTRICAL SPECIFICATIONS (International)

Parameter	Specification
Supply Voltage	200 – 240 VAC
Supply Frequency	50/60 Hz
Output Voltage	15 VDC
Output Current	500 mA