



TECHNICAL SHEET

PACKAGED PRODUCTS

9100 TWIN SENSOR WATER TREATMENT SYSTEM





9100 TWIN SENSOR WATER TREATMENT SYSTEM

TECHNICAL CHARACTERISTICS



- Dual tanks system
- 9100 Fleck body valve
- Valve material: Fiber-reinforced polymer
- Inlet/Outlet: ¾ or 1 inch
- Dual sensor functions:
 - Reading of varying shifts in hardness
 - Adjustment of valve settings
 - Optimization of regeneration
- LOGIX™ timer Cycles 6
- Regeneration with soft water in upflow
- Rise tube: 1.05 inch O.D. and 32 mm
- Drain line: ½ NPT
- Injector brine system: 1600
- Brine line: ¾ inch
- Working pressure: 1.4–8 bar
- Working Temperature: 2–43°C
- Electrical power: 220 V-50-60 Hz
- Tank color: black
- Tanks connection: 2½ inches Threaded
- Sensor kit included

FLOW RATES (3.4 BAR/50 PSI INLET) – VALVE WITH METER

	¾ inch Meter	¾ inch Turbine	1 inch Meter
Continuous (1 bar/15 psi drop)	68 Lpm	72 Lpm	79 Lpm
Peak (1.7 bar/25 psi drop)	90 Lpm	94 Lpm	106 Lpm
Cv (flow at 0.07 bar/1 psi drop)	4.8	5	5.1
Max. backwash (1.7 bar/25 psi drop)	32 Lpm	32 Lpm	32 Lpm



TECHNICAL SPECIFICATIONS

Part Number	Description	Tank Diameter (inches)	Tank Height (mm)	Total Volume (liters)	Valve Meter Size
K9100TS-0844-3T	Kit 9100TS 0844 blk with sensor 3/4 Turbine	8	1128	32.0	3/4 inch turbine
K9100TS-0844-3M	Kit 9100TS 0844 blk with sensor 3/4 Meter	8	1128	32.0	3/4 inch paddle wheel
K9100TS-0844-1M	Kit 9100TS 0844 blk with sensor 1 Meter	8	1128	32.0	1 inch paddle wheel
K9100TS-0948-3T	Kit 9100TS 0948 blk with sensor 3/4 Turbine	9	1224	44.7	3/4 inch turbine
K9100TS-0948-3M	Kit 9100TS 0948 blk with sensor 3/4 Meter	9	1224	44.7	3/4 inch paddle wheel
K9100TS-0948-1M	Kit 9100TS 0948 blk with sensor 1 Meter	9	1224	44.7	1 inch paddle wheel
K9100TS-1054-3T	Kit 9100TS 1054 blk with sensor 3/4 Turbine	10	1392	62.0	3/4 inch turbine
K9100TS-1054-3M	Kit 9100TS 1054 blk with sensor 3/4 Meter	10	1392	62.0	3/4 inch paddle wheel
K9100TS-1054-1M	Kit 9100TS 1054 blk with sensor 1 Meter	10	1392	62.0	1 inch paddle wheel
K9100TS-1248-3T	Kit 9100TS 1248 blk with sensor 3/4 turbine	12	1229	78.0	3/4 inch turbine
K9100TS-1248-3M	Kit 9100TS 1248 blk with sensor 3/4 Meter	12	1229	78.0	3/4 inch paddle wheel
K9100TS-1248-1M	Kit 9100TS 1248 blk with sensor 1 Meter	12	1229	78.0	1 inch paddle wheel
K9100TS-1252-3T	Kit 9100TS 1252 blk with sensor 3/4 Turbine	12	1344	84.0	3/4 inch turbine
K9100TS-1252-3M	Kit 9100TS 1252 blk with sensor 3/4 Meter	12	1344	84.0	3/4 inch paddle wheel
K9100TS-1252-1M	Kit 9100TS 1252 blk with sensor 1 Meter	12	1344	84.0	1 inch paddle wheel



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