

# 121 Valve



## 121 Valve Features

- 12 VDC
- 9V Battery Back-Up
- Fully Adjustable Cycles
- Durable Noryl® valve body
- Advanced diagnostics and water saving programming
- Weather resistant slide cover
- Local App connectivity
- Simple set up through App
- 5 Year Warranty



## 121 Valve Specifications

Valve Material	Noryl®*
Inlet / Outlet	1" NPT-M
Cycles	5
<b>Flow Rates (50 psi inlet) Valve Alone</b>	
Continuous (15 psi drop)	27.7 gpm
Peak (25 psi drop)	35.6 gpm
CV (flow at 1 psi drop)	7.77
Max. backwash (25 psi drop)	24.4 gpm
<b>Regeneration - Downflow</b>	
Adjustable Cycles	Yes
Time Available	99 minutes per cycle
Drain Line Flow Controls	2.4 / 3.2 / 4 / 5 / 8 / 9 / 10 / 12 / 15 / 20
Brine Draw Injector Rates @ 60 psi	Red #0 - .25 gpm White #1 - .35 gpm Blue #2 - .5 gpm Yellow #3 - .63 gpm

## Dimensions

Distributor Pilot	1.315" O.D.
Drain Line	1" NPT-M
Brine Line	1/2" O.D. Tubing
Mounting Base	2-1/2" - 8 NPSM
Height From Top of Tank	7"
<b>Typical Applications</b>	
Water Softener	8" - 18" Dia. up to 5ft <sup>3</sup> Capacity
Filter	8" - 18" Dia.
<b>Additional Information</b>	
Electrical Rating	12 VDC
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34° - 110° F



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CS125-FMM-N, CS125-SMM-N, CS125-Bypass, are certified by IAPMO R&T against NSF/ANSI/CAN 61 for material safety requirements only