



**SPECIFICATIONS:**

**PSI/Temperature Rating:** 200 PSI / 180° F  
**Voltage Operating Range:** 17 - 40 VAC  
**Assembly:** Factory Assembled  
**End Connections:** FNPT / BSP Optional

**MATERIALS**

**Body and Cover:** Brass  
**Stem, Disc Retainer:** Stainless Steel  
**Metering Pin & Spring:** Stainless Steel  
**Diaphragm Washer:** Stainless Steel  
**Disc Guide Seat:** Brass  
**Diaphragm:** Peroxide Cured EPDM  
**Disc Seat:** Buna-N

**DIMENSIONS & WEIGHTS (NOMINAL)**

SIZE	A (INCHES)	B (INCHES)	C (INCHES)	D (INCHES)	WEIGHT (LBS)
3/4"	3.5	4.5	3.0	3.9	2.00
1"	3.5	4.5	3.0	3.7	2.00
1-1/4"	3.8	4.5	3.0	3.5	2.25
1-1/2"	4.5	5.5	4.5	4.3	4.00
2"	5.5	6.2	4.5	4.6	6.25

**MINIMUM POWER TO ACTIVATE VALVE**

PRESSURE (PSI)	VOLTAGE (60Hz RMS)	CURRENT (60Hz RMS)
100	21 VAC	375 mA
125	22 VAC	390 mA
150	23 VAC	405 mA

**PRESSURE LOSS (IN PSI) AT VARIOUS FLOW RATES (MIN. FLOW RATE: .01 GPM)**

VALVE SIZE	1-8	10	15	20	30	40	50	60	80	100	120	140	160
3/4"	2.9	4.7	5.6	7.5	10.8								
1"	2.9	4.4	5.4	7.2	9.2	10.3	13.7						
1-1/4"	2.9	4.1	5.1	6.0	8.1	9.1	12.2	16.3					
1-1/2"	2.3	2.5	2.6	2.8	3.4	3.6	4.4	7.0	11.1	14.2			
2"	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.9	3.4	5.0	5.7	8.0	11.5

**MODEL NUMBER**

SIZE	Normally Closed	Normally Closed/ Reclaimed Water <sup>1</sup>	Normally Closed/ Pressure Reducing	Normally Closed/ Copper Solenoid	Normally Closed/ Internal Bleed	Normally Open
3/4"	DWS-75	DWS-75R	75DW-PRV	DWS-75C	DWS-75I	9991-80
1"	DWS-100	DWS-100R	100DW-PRV	DWS-100C	DWS-100I	9991-81
1-1/4"	DWS-125	DWS-125R	125DW-PRV	DWS-125C	DWS-125I	9991-82
1-1/2"	DWS-150	DWS-150R	150DW-PRV	DWS-150C	DWS-150I	9991-83
2"	DWS-200	DWS-200R	200DW-PRV	DWS-200C	DWS-200I	9991-84
SIZE	Normally Closed DC Latching Solenoid	Normally Closed/ Reclaimed Water/ DC Latching Solenoid	Normally Closed/ Pressure Reducing/ DC Latching Solenoid			
3/4"	DWS-75-LS	DWS-75R-LS	75DW-PRV-LS			
1"	DWS-100-LS	DWS-100R-LS	100DW-PRV-LS			
1-1/4"	DWS-125-LS	DWS-125R-LS	125DW-PRV-LS			
1-1/2"	DWS-150-LS	DWS-150R-LS	150DW-PRV-LS			
2"	DWS-200-LS	DWS-200R-LS	200DW-PRV-LS			

**NOTES**

<sup>1</sup> Purple handle for reclaimed water is shipped loose for installation in the valve in the field.