



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) VALVE

SIZE	A (INCHES)	B (INCHES)	C (INCHES)	D (INCHES)	WEIGHT (LBS)
3/4"	3.5	4.5	3.0	3.9	2.00
1"	3.6	4.5	3.0	3.7	2.00
1-1/4"	3.8	4.5	3.0	3.5	2.25
1-1/2"	4.3	5.5	4.5	4.3	4.00
2"	4.7	6.2	4.5	4.6	6.25

MINIMUM POWER TO ACTIVATE

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 ¹	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

¹ Purple handle for reclaimed water is shipped loose for installation in the valve in the field.

