

# Modulating Water Valves Comparison

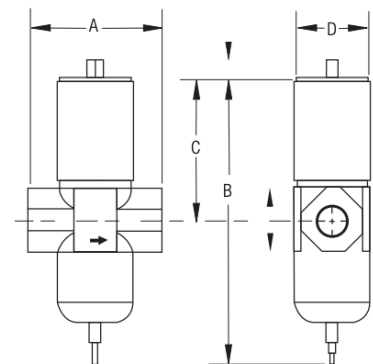
		New	Old
Body	Brass Casting	1/2" thru 1 1/2"	1/2" - 3/4"
	Cast Iron Casting	2 1/2"	1" thru 2 1/2"
Valve Parts		Brass	Brass
Seat Disc		Buna	Buna
Capillary		6' Armored	6' Armored
Temperature Adjustment Increase	Counterclockwise	1/2" thru 1 1/4"	1/2" - 2 1/2"
	Clockwise	1 1/2" - 2 1/2"	
Temperature Adjustment Decrease	Clockwise	1/2" thru 1 1/4"	1/2" - 2 1/2"
	Counterclockwise	1 1/2" - 2 1/2"	
Pressure	125 PSI	1/2" thru 1 1/4"	1/2" - 2 1/2"
	150 PSI	1 1/2" - 2 1/2"	
Mounting		Any	Vertical with temp element down

# Specs

Version	Part Number	Pipe Size (NPT)	Range (Opening Point)	Sensing Bulb Size (Diameter X Length)	Maximum Water Flow (GPM)	Recommended Bulb Well PN
Old	65293	½"	115°F to 180°F	11/16" x 3¼"	25	65140
New	59681	½"	100°F to 175°F	5/8" x 6"	25	52941
Old	65511	½"	75°F to 135°F	11/16" x 10"	25	65280
New	59683	½"	60°F to 140°F	5/8" x 6"	25	52941
Old	65127	¾"	115°F to 180°F	11/16" x 3¼"	40	65140
New	59684	¾"	100°F to 175°F	5/8" x 8¼"	40	52942
Old	65253	¾"	75°F to 135°F	11/16" x 10"	40	65280
New	59686	¾"	60°F to 140°F	5/8" x 8¼"	40	52942
Old	65128	1"	115°F to 180°F	11/16" x 6"	55	65141
New	59688	1"	100°F to 175°F	5/8" x 8¼"	55	52942
Old	65254	1"	75°F to 135°F	11/16" x 16¼"	55	67438
New	59687	1"	60°F to 140°F	5/8" x 8¼"	55	52942
Old	65146	1¼"	115°F to 180°F	11/16" x 6"	75	65141
New	59690	1¼"	100°F to 175°F	5/8" x 8¼"	75	52942
Old	65255	1¼"	75°F to 135°F	11/16" x 16¼"	75	67438
New	59689	1¼"	60°F to 140°F	5/8" x 8¼"	75	52942
Old	66100	1½" ASME	75°F to 135°F	11/16" x 16¼"	90	67438
New	59691	1½"	60°F to 140°F	9/16" x 8"	90	52943
Old	59417	2½" ASME	75°F to 115°F	11/16" x 43"	250	67808
New	59692	2½" ASME	60°F to 140°F	3/4" x 11"	250	52944

## Dimensional Comparison

Valve Size	A	B	C	D	Approximate Shipping Weight (LBS)	
Old	½"	3 ¼"	7"	3 ⅜"	1 ¾"	4.3
New	½"	3 ¼"	6 ⅜"	3 1/32"	2 1/8"	4.4
Old	¾"	3 9/16"	7 29/64"	3 7/8"	2 1/32"	5.8
New	¾"	3 3/8"	7 5/16"	3 1/4"	2 1/8"	7.7
Old	1"	4 27/32"	10 3/4"	5 1/2"	2 5/8"	10
New	1"	4 3/4"	8 1/16"	3 3/4"	2 3/4"	9.72
Old	1-¼"	4 55/64"	10 5/8"	5 5/8"	2 5/8"	12
New	1-¼"	5 1/4"	8 1/16"	3 3/4"	2 3/4"	12.5
Old	1-½"	5 5/16"	10 5/8"	5 5/8"	2 5/8"	18
New	1-½"	5 5/16"	1 35/16"	6 3/8"	2 3/4"	14
Old	2 ½"	6 3/4"	12 1/2"	6 1/2"	3 1/2"	31
New	2 ½"	6 3/4"	16 1/8"	6 5/8"	7"	30



Valve Size	No. of Bolt Holes	Bolt Hole Size	Bolt Circle	Flange Diameter
Old/New	2 ½"	4"	¾"	5 ½"