AUTOMATIC CONTROL VALVE is self-acting to achieve a reduced outlet pressure from an unregulated higher inlet pressure. Pilot-operated main valve is not subject to pressure fall off. Body and bonnet made of ductile iron with internal seat, stem, and spring of stainless steel. Available with globe body, either grooved or flanged inlet and outlet. Red RAL3000 Fusion Epoxy Coated interior and exterior. UL 1739 listed in 1-1/2" through 10" sizes. Rated upstream pressure 300psi max with 15psi-65psi, 35psi-85psi, and 65psi-165psi constant downstream pressures.

FEATURES

• **Pressure Regulation:** maintains a set downstream pressure regardless of fluctuations in upstream pressure or flow rate

• **Flow Control:** regulates the flow rate to match the system's demand

• **Level Control:** controls the water level in tanks or reservoirs

• **Pressure Relief and Sustaining:** relieves excess pressure to protect the system from damage

• **Pump Control:** helps to minimize surges associated with the starting and stopping of pumps

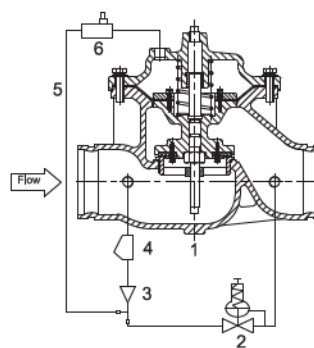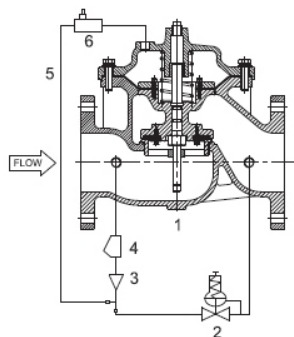• **Check Valve Function:** prevents backflow

4055-ACV-6.0-FG

4055-ACV-4.0-GR

Material Specifications		
Part	Material	ASTM Specifications
Body	Ductile Iron	A536 Grade 65-45-12
Bonnet	Ductile Iron	A536 Grade 65-45-12
Seat	Stainless Steel	A276 Type 304
Stem	Stainless Steel	A276 Type 304
Spring	Stainless Steel	A276 Type 304
Diaphragm	Nylon Reinforced Natural Rubber/EPDM/NBR	
Seat Disc	NBR/EPDM	
Pressure Reducing Pilot	Bronze	B62 C62300

NO.	Components	NO.	Components
1	Basic Control Valve	4	Y-strainer
2	Pressure Reducing Pilot	5	Tubing/Fittings
3	Ejector	6	Stabilizer

4055-ACV-*-GV Dimensions									
Size	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
	Ins/mm									
	1.5/38	2.0/51	2.5/64	3.0/76	4.0/102	5.0/127	6.0/152	8.0/203	10/254	12/305
L	7.66/220	9.48/241	11.42/290	12.8/325	15/381	16.5/419	20/508	25.4/645	30/762	35.43/900
H	7.1/180	7.9/200	8.46/215	10.45/265	11.42/290	13.4/340	15.35/390	18.5/470	22.45/570	27.2/690
W	16.2/410	16.6/420	17.35/440	18/455	18.5/470	19.3/490	21.25/540	23.23/590	25.2/640	27.2/690

4055-ACV-*-FG Dimensions									
Size	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
	Ins/mm									
	1.5/38	2.0/51	2.5/64	3.0/76	4.0/102	5.0/127	6.0/152	8.0/203	10/254	12/305
L	7.87/200	9.05/230	11.42/290	12.2/310	13.78/350	15.75/400	18.9/480	23.6/600	28.75/730	33.46/850
H	7.1/180	7.9/200	8.46/215	10.45/265	11.42/290	13.4/340	15.35/390	18.5/470	22.45/570	27.2/690
W	16.2/410	16.6/420	17.35/440	18/455	18.5/470	19.3/490	21.25/540	23.23/590	25.2/640	27.2/690

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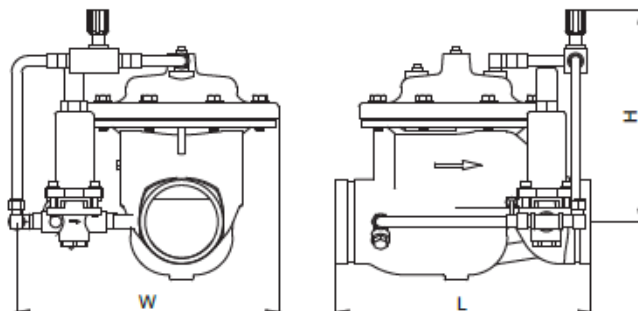U.S. GREEN BUILDING COUNCIL MEMBER

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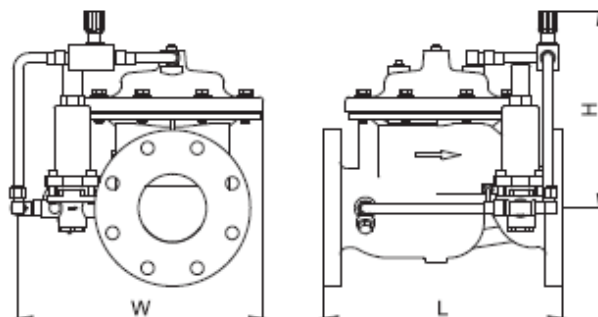91744 U.S.A.
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⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov