

Automatic Commercial Valves



Valcon Commercial Plastic Valves

- Rugged PVC construction
- All threads are stainless steel inserts molded directly into the body
- All internal components are stainless steel
- Completely accessible from the top

Brass Valves

- True Red Brass construction
- Reverse-flow design ensures diaphragm fails in the closed position
- Manual On/Off operation with internal & external bleed
- EPDM seal



Valcon Commercial Plastic Valves

Molded out of commercial-grade PVC with stainless steel in areas requiring extra strength and durability.



- The cover has stainless steel threads for the flow control stem and solenoid cores.
- The body has stainless steel threads for the bolts that secure the cover.
- Stainless steel is used for the solenoid port and flow tube.



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Automatic Commercial Valves

Brass Valves

Operating Specifications

- Optimal flow range: 5 – 180 GPM
- Rated to 150 PSI maximum working pressure
- Optimal operating pressure is 60 – 90 PSI

Reclaimed Water Series Available!*



Automatic Red Brass Valves

Model	Size
BG-075	3/4"
BG-100	1"
BG-125	1-1/4"
BG-150	1-1/2"
BG-200	2"

* Add RW to end of part number for reclaimed water series

Pressure Loss (PSI) – Brass Valves

Flow (GPM)	5	10	20	30	40	50	60	80	100	120	140	160	180	200
Size														
3/4"	2.5	5.3	7.4	12.0	–	–	–	–	–	–	–	–	–	–
1"	3.0	3.5	5.0	9.0	12.4	18.7	–	–	–	–	–	–	–	–
1-1/4"	–	4.8	5.0	6.0	8.0	10.0	–	–	–	–	–	–	–	–
1-1/2"	–	–	2.7	2.9	3.2	3.7	4.5	8.0	12.9	18.1	24.0	–	–	–
2"	–	–	1.5	1.6	1.8	2.0	2.3	3.1	4.4	6.2	7.9	8.5	13.4	16.8

Valcon Commercial Valves

Operating Specifications

- Optimal flow range: 5 – 200 GPM
- Rated to 175 PSI maximum working pressure
- Optimal operating pressure is 60 – 90 PSI

Straight and Angle Configuration!



Remote Control Valves (RCV)

Model	Size
VI-075	3/4"
VI-100	1"
VI-125	1-1/4"
VI-150	1-1/2"
VI-200	2"
VI-250	2-1/2"
VI-300	3"

Pressure Loss (PSI) – Valcon Commercial Valves

Flow (GPM)	5	10	20	30	40	50	60	80	100	120	140	150	175	225	250
Size															
3/4"	–	0.6	2.4	5.2	9.6	14.8	–	–	–	–	–	–	–	–	–
1"	–	0.4	1.6	4.0	6.4	11.2	16.0	–	–	–	–	–	–	–	–
1-1/4"	–	–	0.4	0.9	1.6	2.4	3.6	6.4	9.6	14.4	–	–	–	–	–
1-1/2"	–	–	0.3	0.7	1.3	2.0	2.8	5.2	8.0	11.2	18.4	–	–	–	–
2"	–	–	–	–	–	–	0.7	1.2	1.9	2.8	4.3	5.9	7.6	9.8	12.0
2-1/2"	–	–	–	–	–	–	0.6	1.0	1.6	2.4	3.7	5.0	6.4	8.3	10.2
3"	–	–	–	–	–	–	–	0.9	1.4	2.0	3.1	4.2	5.6	7.0	8.4



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