

200 Series PVC Valves

FEATURES

- Virgin PVC material construction (NSF approved material)
- Internal manual bleed lever standard on all valves, Manual bleed can be removed for "tamper proof" operation
- Heavy duty diaphragm
- 1 1/2" and 2" provided with both bottom (angle) and side inlet
- All stainless steel fasteners and components
- Standard 24 VAC 60 Hz solenoid (black wire) Hex plunger design for sandy water conditions
- 3/4", 1" available with or without flow control
- 1 1/2" and 2" standard with flow control stem
- Suitable for residential and commercial applications

ELECTRICAL SPECIFICATIONS

- 24 VAC standard at 50-60 Hz
- Inrush: 350 mA
- Holding: 250 mA
- Optional 110 VAC Solenoid

OPERATING SPECIFICATIONS

- 1" Flow: 5 - 30 GPM
- 1 1/2" Flow: 5 - 80 GPM
- 2" Flow: 5 - 120 GPM
- Operating pressure: 15 to 150 PSI
- Recommended velocity not to exceed 5 Feet per Second
- All valves for outdoor use and installation only

PRESSURE LOSS WITH 1" VALVE

Flow (GPM)	Pressure Loss (PSI)
15	1.90
20	3.10
25	5.10
30	6.20

PRESSURE LOSS WITH 1 - 1/2" VALVE

Flow (GPM)	Pressure Loss (PSI)
20	3.10
25	2.60
30	2.68
35	2.30
40	2.36
45	2.65
50	3.01
60	4.10
70	4.90
80	5.62

PRESSURE LOSS WITH 2" VALVE

Flow (GPM)	Pressure Loss (PSI)
20	2.01
25	2.0
30	1.95
35	1.79
40	1.75
45	1.60
50	1.54
60	1.65
70	2.0
80	2.16
90	3.2
100	4.65
110	5.40
120	6.28



275-000

3/4" Female Threaded inlet and outlet
 Overall Height: 5 - 1/2"
 Overall Width: 3"
 Overall Length 4 - 3/4"



275-050

3/4" Female Thread inlet and outlet
 Flow Control
 Overall Height: 5 - 1/2"
 Overall Width: 3"
 Overall Length 4 - 3/4"



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210-005
1" Slip Socket inlet and outlet
Overall Height: 5 - 1/2"
Overall Width: 3"
Overall Length 4 - 3/4"



210-050
1" Female Thread inlet and outlet
Flow Control
Overall Height: 5 - 1/2"
Overall Width: 3"
Overall Length 4 - 3/4"



215-050
1 - 1/2" Female Thread inlet and outlet
Flow Control
Overall Height: 8"
Overall Width: 4 1/4"
Overall Length 5 - 1/2"



220-050
2" Female Thread inlet and outlet
Flow Control
Overall Height: 9"
Overall Width: 4 - 3/4"
Overall Length 6 - 1/2"

ORDER SPECIFICATION GUIDE : Model

Model

- 275-000= 3/4" Female Threaded Inlet / Outlet without Flow Control
- 275-050= 3/4" Female Threaded Inlet / Outlet with Flow Control
- 210-000 = 1" Male Threaded Inlet / Outlet without Flow Control
- 210-005= 1" Slip Socket Inlet / Outlet without Flow Control
- 210-055 = 1" Slip Socket Inlet / Outlet with Flow Control
- 210-050 = 1" Female Threaded Inlet / Outlet with Flow Control
- 215-050= 1 - 1/2" Female Threaded Inlet / Outlet with Flow Control
- 220-050= 2" Female Threaded Inlet / Outlet with Flow Control

