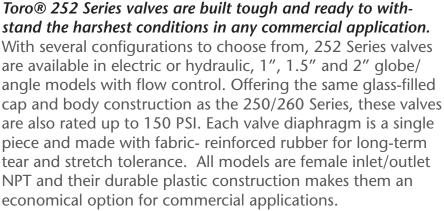


252 Series Valves

Valves



Features & Benefits

Heavy-Duty Toro Solenoid

Provides dependable operation and long life.

High-Grade Construction

Made of durable materials to resist wear.

Globe and Angle Configurations

Easy to use in any application.

Fabric-Reinforced Rubber Diaphragm

Provides long-term tear and stretch tolerance.

Water Flow Control Handle

Adjusts the flow of each zone on a system.

Robust ABS Material

Ensures the valve will resist heavy pressure and high flows without damage.



252 Series Valves

Globe and Angle In One Valve

The all-in-one globe and angle configuration of the 252 Series valves allows flexibility in design and installation. Angle installations allow for less friction loss across the piping system while globe configurations are standard in many irrigation systems.



Specifications

Female NPT In-line/Angle w/Flow Control

Model	Description
• 252-06-04	1"
• 252-26-06	11/2"
• 252-26-08	2"
• 252-21-06	1 ½" Normally Open
• 252-21-08	2" Normally Open

Dimensions

- 1" 6 3/4" H x 4 1/2" W
- 1 ½" 7 ¾" H x 6" W
- 2" 9 ½" H x 7" W

Operating Specifications

- Recommended Flow Range:
 - 1" 5.0 to 20 GPM
 - 1 ½" 25 to 70 GPM
 - 2" 60 to 90 GPM
- Operating Pressure: 20 to 150 psi
- Solenoid: 24 VAC, 50/60 Hz

 Inrush: 0.30 amps, 7.20 VA
 Holding: 0.20 amps, 4.80 VA
- Burst pressure safety rating: 750 psi

Additional Features

- Globe and globe/angle built into one valve
- Manual flow control
- External manual bleed
- 24" lead wires (1 ½" and 2" electric) or 18" lead wires (1" electric)
- Self-cleaning, stainless steel metering pin (electric)
- Tough, glass-filled bonnet
- Single-piece diaphragm

Options Available

• 89-7855 – Effluent Water Indicator Valve Flow Control Knob

Warranty

Two years

Water Management Highlight



External Bleed

The external bleed allows perfect manual operation of the valve without electrically charging the solenoid. With the ability of users to bleed the valve to atmosphere, pressure is relieved and the valve can effectively open and close. System flushing can also be accomplished using the external bleed with debris and other material being flushed out of the port.



Size	Туре	Config.	GPM Flow												
size			5	10	20	25	30	40	50	60	70	80	100	120	150
1½"	Hydraulic	Globe Angle				1.0 1.0	1.0 1.0	2.0 1.5	3.0 1.5	4.0 3.0	5.5 4.0	6.5 5.0			
2"	Hydraulic	Globe Angle								1.5 1.0	2.0 1.0	2.0 1.5	3.5 2.0	5.0 3.0	8.0 5.0
1"	Electric	Globe Angle	3.0 2.0	4.0 3.5	5.0 4.5	6.0 4.5	7.0 5.0	9.5 7.5							
1½"	Electric	Globe Angle				1.5 1.5	1.0 1.0	2.0 1.5	3.0 2.0	4.0 3.0	5.0 3.0	7.0 5.0			
2"	Electric	Globe Angle								2.0 1.0	2.0 1.0	2.5 2.0	3.5 3.0	5.5 4.0	8.0 5.0

Note: For optimum performance when designing a system, be sure to calculate total friction loss to ensure sufficient downstream pressure.

For optimum regulation performance, size regulating valves toward the higher flow ranges. Flow rates are recommended not to exceed 5 psi (0,3 bar) loss.

= Debris-resistant models

Specifying Information—252

252- <u>XX</u> -0 <u>X</u>						
Model Activation Type Size						
252	XX	0 <u>X</u>				
252—252 Series Valve	06—1" Electric	4—1"				
	21—Normally Open Hydraulic	6—1½"				
	26—1½" or 2" Electric	8—2"				
Example: A 1½" electric 252 Series Valve, would be specified as: 252-26-06						

Note: DC Latching Solenoid not available.



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