250/260 & 254/264 SERIES VALVES

Heavy-duty. Hard-working. The Toro® 250/260 and 254/264 Series globe-style valves are made to withstand all that a large residential or light commercial application can dish out. The durable and dependable, glass-filled bonnet and ABS body construction allow these valves to be rated up to 150 psi, and are available in various inlet/outlet configurations meant to meet contractors' unique preferences. The 1" inlet/outlet 250/260 Series valves feature female inlets with female or barbed outlets available in electric, hydraulic or pin-type styles, while the 254/264 Series valves are electric valves with male inlets and male or barbed outlets available in ¾" or 1" sizes.

Additional Features

- Self-cleaning, stainless steel metering pin
- External manual bleed
- 18" lead wires (electric)
- Low in-rush solenoid

FEATURES & BENEFITS

Heavy-Duty Toro Solenoid
Provides dependable operation and long life.

Optional Flow Control
Allows the ability to adjust the flow of each zone.

Comprehensive Inlet and Outlet Choices
Flexibility for new installations and retrofit projects.

Single-Piece Rubber Diaphragm
For reliable, leak-tight closing.

Tough, Glass-Filled Nylon Bonnet and ABS Body
Durable construction that provides years of reliable operation.

Effluent Options Available

SPECIFICATIONS

Operational

- Flow range:
  - 3/4": 0.25 to 15.0 gpm
  - 1": 5.0 to 30.0 gpm
- Operating Pressure
  - 3/4": 10 to 150 psi
  - 1": 20 to 150 psi
- Solenoid: 24 Vac
  - 3/4": Inrush: 0.25 amps, 6.00 VA; Holding: 0.19 amps, 4.56 VA
  - 1": Inrush: 0.30 amps, 7.20 VA; Holding: 0.20 amps, 4.80 VA
- Burst pressure safety rating: 380 psi

Dimensions

- 3/4": 3" H x 4" W
- 1" 250 & 254 (with flow control): 6" H x 4 1/2" W
- 1" 260 & 264 (without flow control): 4 1/2" H x 4 1/2" W

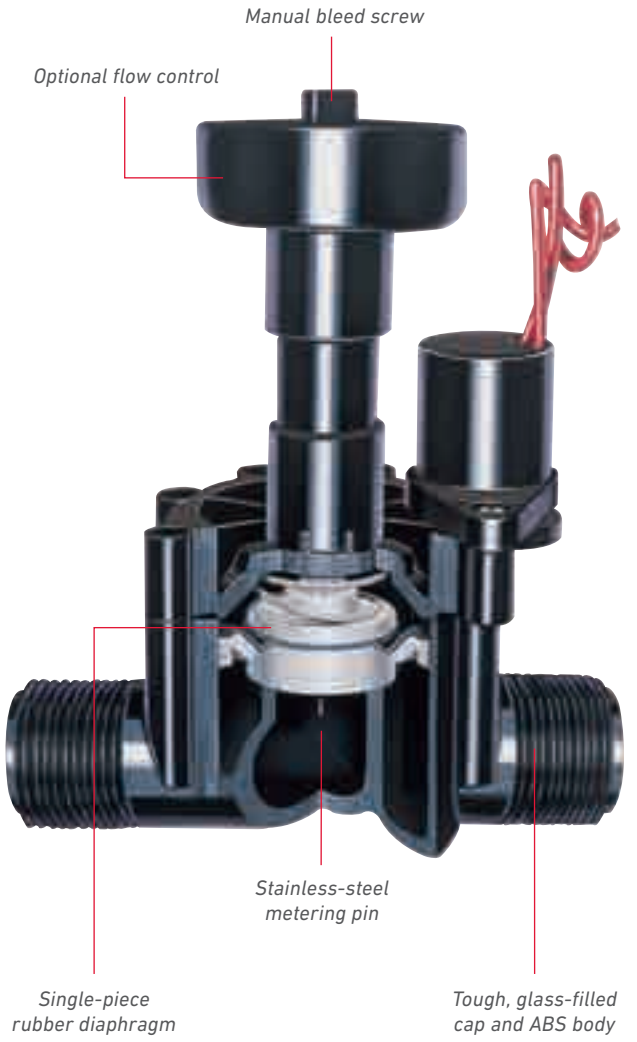
Options Available

- Effluent Water Valve Flow Control Knob (89-7855)

Warranty

- Two years

PRODUCT HIGHLIGHT



254/264 SERIES PRESSURE LOSS DATA

Size	Model	gpm Flow											
		0.5	1	2	5	10	15	20	25	30	35	40	45
3/4"	Electric	<1.0	<1.0	<1.0	1.5	3.0	6.5						
1"	Electric				2.0	2.0	2.3	3.1	4.0	5.4	7.0	8.7	10.5

Note: *For optimum sprinkler performance when designing a system, calculate total Pressure Loss to ensure sufficient downstream pressure. Flow rates are recommended not to exceed 5 psi loss. Values are listed in psi.*

250/260 SERIES PRESSURE LOSS DATA

Size	Model	gpm Flow						
		0.5	10	15	20	25	30	40
1"	Hydraulic	<1.0	1.0	2.0	3.0	4.0	6.0	9.5
1"	Electric		4.4	4.5	5.0	5.0	7.0	9.5

250/260 SERIES MODEL LIST

Model	Description
FEMALE THREADS	
250-06-04	1" Female NPT, In-line, with Flow Control
260-06-04	1" Female NPT, In-line, without Flow Control
250-00-04	1" Female NPT, In-line, Pin-type Hydraulic, with Flow Control
250-01-04	1" Female NPT, In-line, Normally Open Hydraulic, with Flow Control
MALE THREADS	
264-06-03	3/4" Male Thread x Male Thread, In-Line, without Flow Control
254-06-04	1" Male Thread x Male Thread, In-Line, with Flow Control
264-06-04	1" Male Thread x Male Thread, In-Line, without Flow Control
254-16-04	1" Male Thread x Barbed Insert, In-Line, with Flow Control
264-16-04	1" Male Thread x Barbed Insert, In-Line, without Flow Control

Specifying Information—250/260 Series Valves (Female)

2X0-0X-04		
Flow Control	***Activation Type***	***Size***
2X0	**0X**	**04**
5—with Flow Control 6—without Flow Control	0—Pin-type Hydraulic 1—Normally Open Hydraulic 6—Electric	04—1"
Example: A 1" 250 Series Valve with flow control and electric activation would be specified as: **250-06-04**		

Note: *DC Latching Solenoid not available.*

Specifying Information—254/264 Series Valve (Male)

2X4-X6-0X		
Flow Control	***Body Style***	***Size***
2X4	**X6**	**0X**
5—with Flow Control 6—without Flow Control	0—Male Thread x Male Thread 1—Male Thread x Barbed Insert	3—3/4" 4—1"
Example: A 1" electric 264 Series Valve without flow control with a barb would be specified as: **264-16-04**		

Note: *DC Latching Solenoid not available.*