

## NEW! Superior™ 950 Body Design

Superior is your best choice for brass valves. The 950 Series Valve offers the same dependable product performance, quality, and value that you have relied on for years.

### High Performance Flow Characteristics

The Superior 950 Valve produces exceptional flow rate performance. With a low head loss profile, its flow characteristics allow for additional sprays/rotors per zone and less energy usage with pumping systems

### Two-Piece Internal Assembly w/ Superior Shield

The advanced two-piece internal assembly offers diaphragm protection by removing the diaphragm from flow path. Reliable lower seat operation and Superior Shield help debris to prevent diaphragm tears.

### Feature Options to Accommodate Your Most Demanding Design Criteria

The Superior 950 Valve has model options for scenarios involving dirty and recycled water, high pressure, and more. See reverse side for model details.

### Recycled Water Model Options

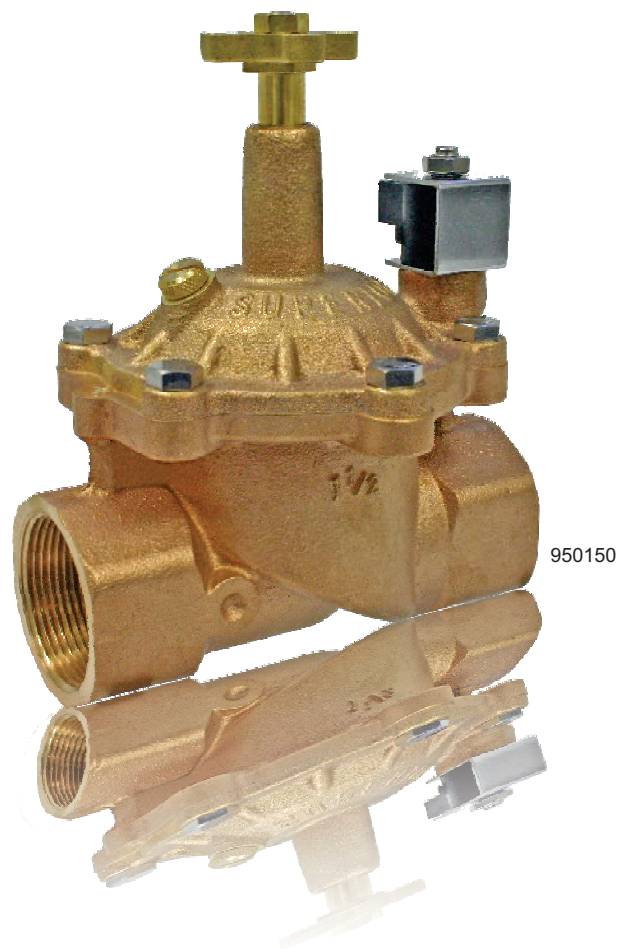
The Superior 950 Valve offers feature options that include dirty water filter, internal bleed, and purple handle for recycled water system identification.

### Backward Compatibility on all 950 Valves

950 Forward Flow Valves are all backward compatible. This eliminates any need for training on a new valve and reduces the need to buy new parts, since all existing parts are compatible.

### Expert Technical Support

Knowledgeable technical support resource provides quick response times. No-charge customer service is available by calling 1-800-210-2525.



## Diaphragm Reliability

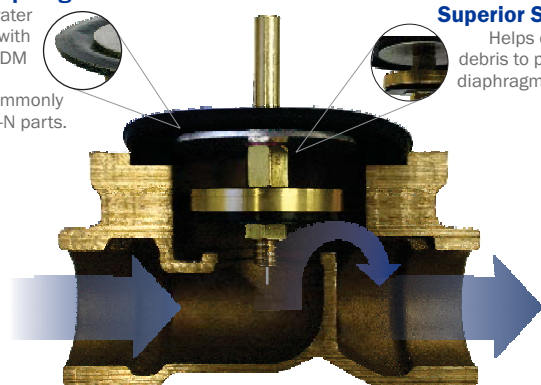
Advanced two-piece internal assembly offers diaphragm protection by shielding diaphragm from flow path.

### EPDM Diaphragm

Recycled water protection with durable EPDM diaphragm outlasts commonly used Buna-N parts.

### Superior Shield™

Helps deflect debris to prevent diaphragm tears.



## Debris Tolerance

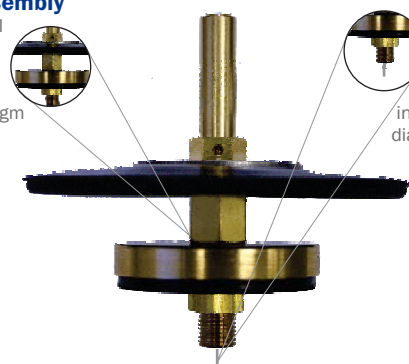
Advanced porting design with self-cleaning metering rod system ensures that only “clean” water enters the diaphragm chamber, protecting the diaphragm for longer life.

### Two-Piece Assembly

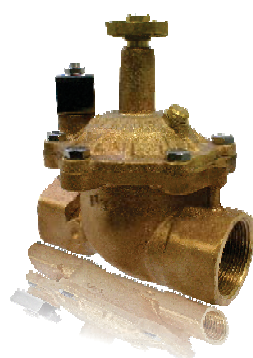
Two-piece internal assembly offers diaphragm protection by removing diaphragm from flow path.

### Cleaning Rod

Self-Cleaning metering rod prevents debris from entering inlet orifice to upper diaphragm chamber.

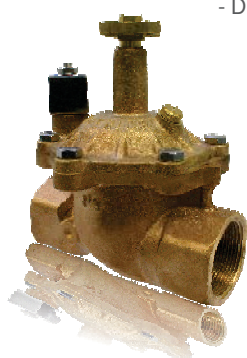


## Models



### 950

Electric Diaphragm Valve



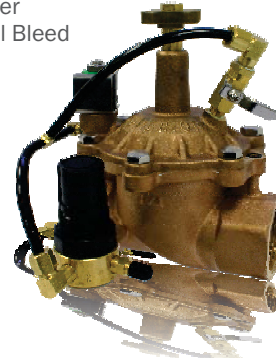
### 950DW

Electric Diaphragm Valve w/ Dirty Water Feature



### 950DWIB

Electric Diaphragm Valve DW w/ Internal Bleed Feature



### 950PRS

Electric Diaphragm Valve DWIB w/ Pressure Reg. System

**Includes**  
- DW Filter

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- DW Filter  
- Internal Bleed

**Includes**  
- DW Filter  
- Internal Bleed  
- PRS System

## How To Specify / Order

**950 100 DWIB RW\***

Model	Size	Option1	Option2
950 - 24V Coil 925 - 12V Coil 960 - DC Latching 975 - 110V Coil 980 - 220v Coil	075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3"	DW = Dirty Water DWIB = Dirty Water w/ Internal Bleed PRS = Pressure Regulating (Includes DW & DWIB Features) SD = Nickel Plated Bleed Screw	RW = Reclaimed Water (Purple Cross Handle)  *Leave blank if no option chosen

### Solenoid Specifications

#### Standard 24 VAC

In-rush current: 0.45 A (10.8 VA)  
Holding current: 0.30 A (7.2 VA)

#### Optional 110 VAC

In-rush current: 95 mA (10.5 VA)  
Holding current: 0.65 mA (7.2 VA)

### Operating Ranges

**Flow:** 5 - 360 gpm  
**Pressure:** 20 - 200 psi

## Pressure Loss in PSI

GPM	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
5	0.45	0.16					
10	1.75	0.75					
15	4	1.5	0.48				
20	7	2.6	0.85	0.45			
30		5.7	1.9	1			
40		10	3.5	1.7	0.53		
50			5.3	2.65	0.82		
60			7.6	3.8	1.2		
70			10.1	5.1	1.6		
80				6.6	2.05		
90				8.3	2.6		
100				10.9	3.2	2.38	2.38
120					4.6	2.45	2.45
140					6.3	2.5	2.5
160					8	2.9	2.9
200					13.9	4	4
240						6	6
260						8.2	8.2
320						10.7	10.7
360						13.2	13.2