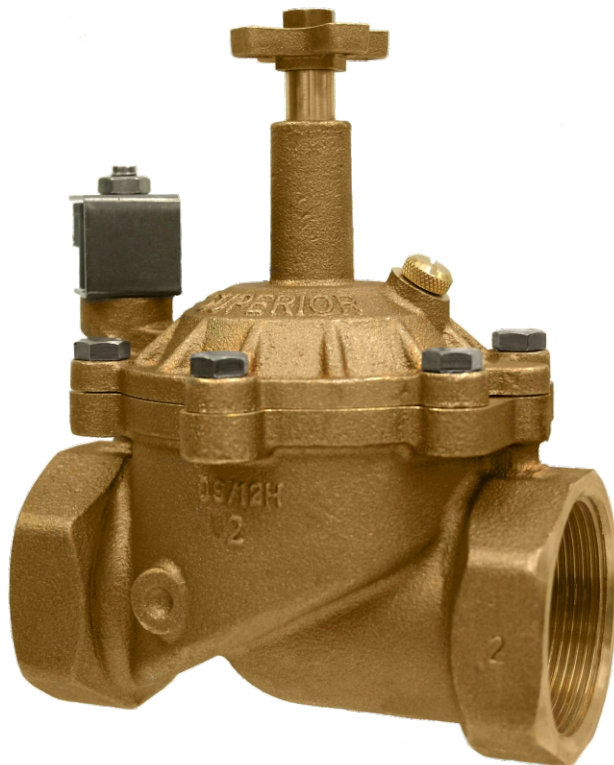


## Superior 950

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

- Two-Piece Internal Assembly w/ Superior Shield™ Diaphragm Protection
- Parts Compatibility on all 950 Valves
- Recycled Water Model Options
- Expert Technical Support



950200

## Diaphragm Reliability

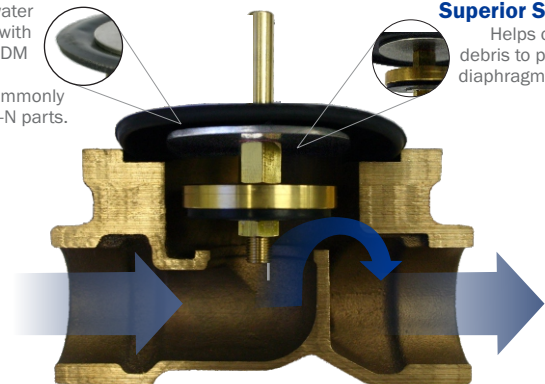
Advanced two-piece internal assembly offers diaphragm protection by shielding diaphragm from flow path.

### 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

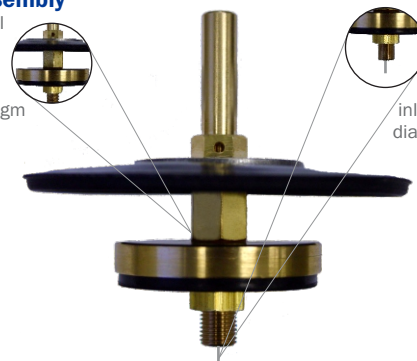
Advanced porting design with self-cleaning metering rod system ensures that only "clean" water enters the diaphragm chamber, protecting the diaphragm for longer life.

### Two-Piece Assembly

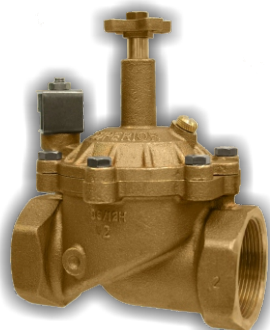
Two-piece internal assembly offers diaphragm protection by removing diaphragm from flow path.

### Cleaning Rod

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

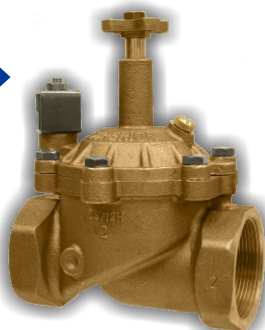


## Models



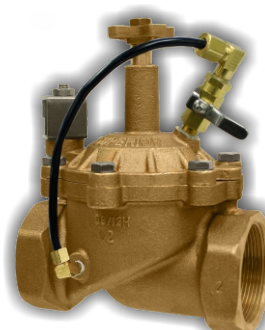
**950**

Electric Diaphragm Valve



**950DW**

Electric Diaphragm Valve  
w/ Dirty Water Filter



**950DWIB**

Electric Diaphragm Valve  
w/ Dirty Water Filter  
and Internal Bleed Feature



**950PRS**

Electric Diaphragm Valve  
w/ Dirty Water Filter,  
Internal Bleed Feature  
and Pressure Reg. 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)

#### DC Latching (Superior Model 960)

Requires a pulse between 12DC and 24VDC

### 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