

Master Valve Solutions for Every Application

Superior is a recognized leader in the manufacture of normally open and normally closed master valves. Performance options include “No Minimum Flow” feature to handle full-flow, low-flow, and extreme low-flow conditions.

- **Industry’s Most Complete Line of Master Valves!**

Master valves are available in normally open and normally closed design options.

- **“No Minimum Flow” Capability**

Selected models include “No Minimum Flow” feature, which ensures reliable opening and closing of the valve in extreme high or low-flow scenarios.

- **Industry’s Widest Range of Sizes**

Selected Superior master valves are available in 3/4” through 3” sizes.



Normally-Closed

Provides protection against unauthorized system use and minimizes water waste in the event of zone valve malfunction

Normally-Open

Allows for constant system pressurization and on-demand access to manual irrigation and quick coupler use

Dirty Water Protection

Protection is afforded by the removable filter and self-cleaning metering rod assembly

Purple Cross Handle

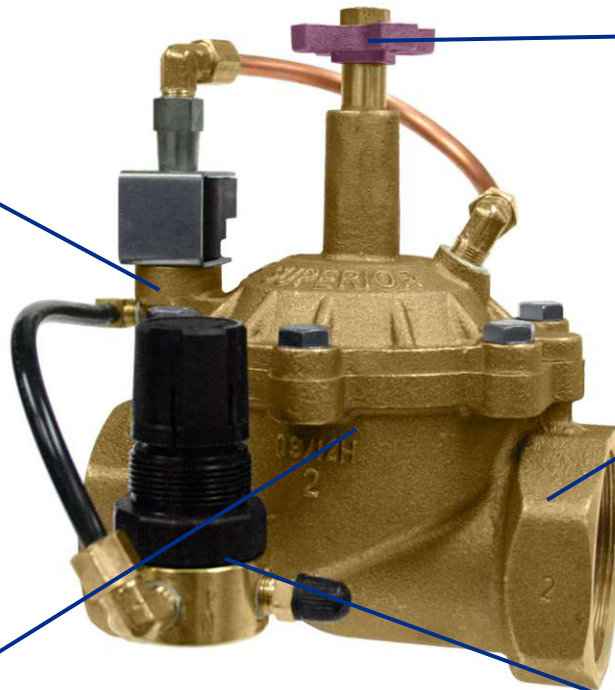
Purple Handle “RW” option available to indicate recycled water system

“No Minimum Flow” Feature

3200 and 3300 models include “No Minimum Flow” capability, which ensures reliable opening and closing of the valve in extreme high or low-flow scenarios

Pressure Regulation

Pressure Regulating System (PRS) option available on 3100 model



Normally Closed Master Valves

3000

Normally Closed



Size	Models	Dimensions (Inches)	
		Height	Length
1"	3000100	4-1/2	4-3/8
1-1/4"	3000125	5-1/2	5
1-1/2"	3000150	8	6
2"	3000200	9	7
2-1/2"	3000250	10	11-5/8
3"	3000300	10	11-5/8

Operating Ranges

Flow: 5 - 320 gpm
Pressure: 20 - 200 psi

3200

Normally Closed, "No Minimum Flow" Feature



NEW SIZES AVAILABLE!
3/4" & 1"

Size	Models	Dimensions (Inches)	
		Height	Length
3/4"	3200075	3.75	6
1"	3200100	4.5	6
1-1/2"	3200150	8	6
2"	3200200	9	7
2-1/2"	3200250	10	11-5/8
3"	3200300	10	11-5/8

Operating Ranges

Flow: 0 - 360 gpm
Pressure: 20 - 150 psi

Normally Open Master Valves

3100

Normally Open



Size	Models	Dimensions (Inches)	
		Height	Length
1"	3100100	4-1/2	4-3/8
1-1/4"	3100125	5-1/2	5
1-1/2"	3100150	8	6
2"	3100200	9	7
2-1/2"	3100250	10	11-5/8
3"	3100300	10	11-5/8

PRS = Pressure Regulation System

Operating Ranges

Flow: 5 - 320 gpm
Pressure: 20 - 200 psi



3300

Normally Open, "No Minimum Flow" Feature

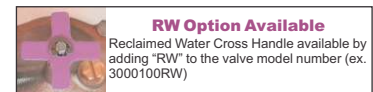


Size	Models	Dimensions (Inches)	
		Height	Length
1-1/2"	3300150	8	7
2"	3300200	9	7
2-1/2"	3300250	10	11-5/8
3"	3300300	10	11-5/8

Operating Ranges

Flow: 0 - 360 gpm
Pressure: 20 - 150 psi

Pressure Loss in PSI	
GPM	0 2.5 5 10 15 20 30 40 50 60 70 80 90 100 120 140 160 200 240 260 320 360
3/4"	0 0.01 0.45 1.75 4 7
1"	0 0.04 0.16 0.75 1.5 2.6 5.7 10
1-1/4"	0.48 0.85 1.9 3.5 5.3 7.6 10.1
1-1/2"	0.45 1 1.7 2.65 3.8 5.1 6.6 8.3 10.9
2"	0.53 0.82 1.2 1.6 2.05 2.6 3.2 4.6 6.3 8 13.9
2-1/2"	2.38 2.45 2.5 2.9 4 6 8.2 10.7 13.2
3"	2.38 2.45 2.5 2.9 4 6 8.2 10.7 13.2



RW Option Available

Reclaimed Water Cross Handle available by adding "RW" to the valve model number (ex. 3000100RW)

Solenoid Specifications

Standard 24 VAC

In-rush current: .45 A (10.8 VA)
Holding current: .30 A (7.2 VA)

Optional 110 VAC

In-rush current: 95 mA (10.5 VA)
Holding current: .65 mA (7.2 VA)