Bronze Hydraulic Control Valve

1”, 1½” & 2”

Experience unparalleled efficiency with our Bronze Hydraulic Control Valve, meticulously crafted for optimal performance in greenhouse irrigation and versatile enough for turf and field crop applications. Offered in sizes of 1", 1½" & 2", this valve combines reliability with user-friendly operation, making it an essential component for any irrigation system.



HIGHLIGHTS

- **Simple Design:** Comprises only four parts for easy assembly and disassembly.
- **Lightweight Construction:** Facilitates straightforward installation and maintenance.
- **Durable Material:** Bronze body and cover plate ensure long-lasting performance and resistance to corrosion.
- **Enhanced Valve Lid:** Metal-reinforced rubber lid designed for smooth operation, preventing deformation under high pressure with a drop-tight shutoff feature.
- **Minimal Downtime:** Reliable operation reduces maintenance needs.
- **Low Head Loss:** Optimized internal design minimizes head loss during operation.
- **Correct Installation Indicator:** Clear arrow marking ensures proper valve installation.

APPLICATIONS

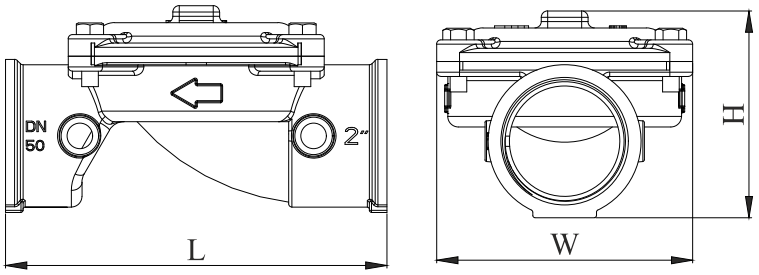
- **Greenhouse Irrigation Systems:** Efficiently regulates water flow to support optimal plant growth and health in controlled environments.
- **Turf Irrigation:** Ideal for maintaining lush, green lawns and sports fields, ensuring even water distribution.
- **Field Crop Irrigation:** Provides reliable water management for agricultural crops, enhancing productivity and yield.
- **Landscape Irrigation:** Perfect for residential and commercial landscapes, ensuring consistent moisture levels for plants and gardens.



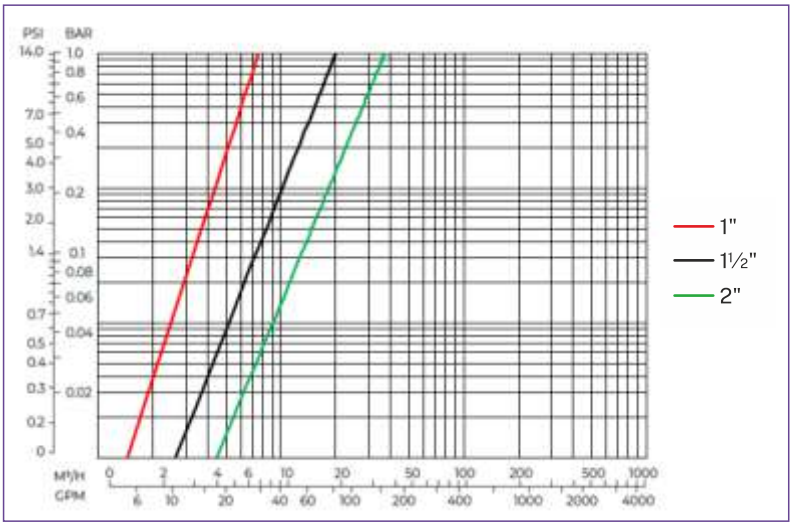
Technical Data

Valve Size	mm	25 mm	40 mm	50 mm
	Inch	1"	1½"	2"
Max. recommended flow rate for continuous operation	m^3/hr	5	12	25
	GPM	22	53	110
Pressure Range	BAR	0.6 - 10		
	PSI	8 - 145		
Min. Recommended Flow Rate (m^3/hr)	m^3/hr	>1		
	GPM	>5		
Flow Rate Factor	Kv (metric)	8	20	38
	Cv (US)	9	23	43
Material of Construction	Bronze			

Valve Size			1" (25 mm)	1.5" (40 mm)	2" (50 mm)
Dimension					
Height	H	CM	6.9	8.5	10
		INCH	2 23/32	3 11/32	3 15/16
Width	W	CM	7.2	9.5	11.9
		INCH	2 53/64	3 47/64	4 11/16
Length	L	CM	11.7	15.4	18
		INCH	4 39/64	6 1/16	7 3/32



Performance Graphs



Creating a Green World®