

SOLENOID and PRESSURE RELIEF VALVES

High Performance Valves for
Smart Irrigation Automation



IRRIBOSS 2"
SOLENOID VALVE



IRRIBOSS 2.5"
SOLENOID VALVE



IRRIBOSS 2"
PRV VALVE



1. PRODUCT OVERVIEW

Irriboss Solenoid Valves & Pressure Relief Valves are designed for high-performance smart irrigation automation across various commercial and agricultural applications.

Applications:



Green Houses



Agricultural Farms



Landscaping



Horticulture



Nurseries

2. PRODUCT & GENERAL SPECIFICATIONS

Parameter	Source Specification
Size	2" and 2.5"
Connection	BSP Threaded
Pressure Rating	10 Bar
Body Material	Glass Filled Nylon
Diaphragm	Natural Rubber (NR)

KEY FEATURES

- ✓ High Performance & Reliability
- ✓ Corrosion Resistant
- ✓ Low Maintenance
- ✓ Suitable for Automated Irrigation Systems
- ✓ Precise Flow Control
- ✓ Energy Efficient
- ✓ Durable & Long Lasting
- ✓ Easy Installation



3. TECHNICAL DATA - SOLENOID VALVE RANGE

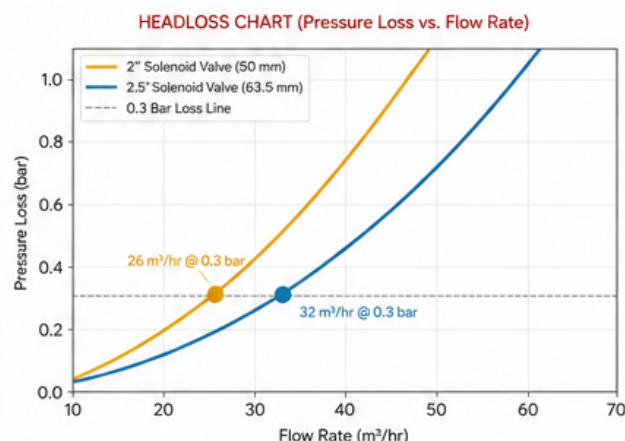
Technical Parameter	2" / 50 mm Solenoid Valve	2.5" / 63.5 mm Solenoid Valve
Valve Size	2"	2.5"
Dimensions L x W x H (inch)	8.5 x 5.5 x 8.5	8.5 x 5.5 x 8.5
Minimum Flow Rate (m³/hr)	> 1	> 1
Pressure Range (bar)	0.5 – 10	0.5 – 10
Pressure Range (psi)	7 – 150	7 – 150
Flow Rate @ 0.3 Bar Pressure Loss (m³/hr)	26	32
Flow Rate Factor, Kv (metric)	56	65
Maximum Temperature Range	60°C (140°F)	60°C (140°F)



HEADLOSS REFERENCE & GRAPHICAL ANALYSIS (2" & 2.5" VALVES)

Head loss Performance Graph

The chart below illustrates pressure loss (in bar) relative to water flow rate (m³/hr) for the Irriboss 2" (50 mm) and 2.5" (63.5 mm) solenoid valves.



4. 2" PRV PRODUCT INFORMATION

The product range includes the Irriboss Pressure Relief Valve (1.2 – 6 Bar)



- ✓ Protects irrigation systems from overpressure
- ✓ Adjustable pressure range: 1.2 to 6 Bar
- ✓ Ensures safety and longevity of downstream equipment
- ✓ High strength, corrosion resistant & durable

Contact

+91 92800 94743
+91 92800 94745
+91 92800 94760
infoamanorasolutions@gmail.com



No. 49-A, Ambika Layout
New Siddhapudur
Coimbatore South
Coimbatore – 641044.