

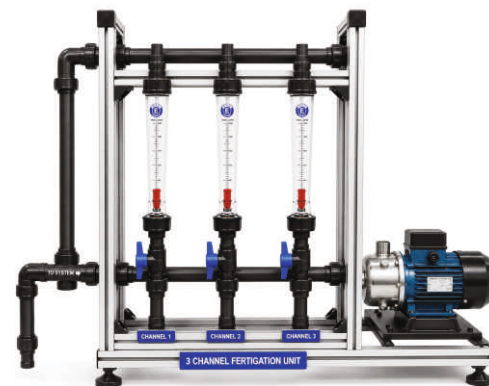


AMANORA

Smart Irrigation System

4

Pump Fertigation System



Fertigation is the process of supplying water-soluble fertilizers through an irrigation system, delivering precise amounts of water and nutrients directly to the plant root zone for improved growth, higher yields, and efficient resource utilization.



2" Valve



2.5" Valve



PR Valve

Suitable for



Green Houses



Agricultural
Farms



Landscaping



Horticulture



Nurseries

Get In Touch !

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AMANORA

Smart Water Automation

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



AMANORA

Smart Irrigation System

MAKE IN
INDIA



Smart Irrigation.

Better Yield.

Greater Savings.

IRRIBOSS by Amanora is an advanced drip irrigation automation solution designed to deliver precise and efficient irrigation management. Combined with automatic irrigation valves, it automates irrigation schedules and water distribution, helping farmers to save water, reduce labour requirements, and improve crop productivity.

Using modern automation technology, IRRIBOSS optimizes irrigation practices, minimizes water wastage, and promotes healthier crop growth through precise and controlled water delivery.



Higher Yield

Uniform irrigation promotes healthier crops and improved productivity.



Cost Effective

Reduces labor, energy and maintenance costs.



Smart Automation

Time- and flow-based irrigation with fully automatic operation.



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Irriboss Models

Model	Description
IRRIBOSS 8R - GSM	8-Valve Controller (GSM Based)
IRRIBOSS 8R - GSM + Wi-Fi	8-Valve Controller (GSM + Wi-Fi Based)
IRRIBOSS 16R - GSM	16-Valve Controller (GSM Based)
IRRIBOSS 16R - GSM + Wi-Fi	16-Valve Controller (GSM + Wi-Fi Based)

Key Features

- ✓

GSM-Based Remote Operation

✓

Multi-Zone Irrigation Control

✓

Automatic Valve Management

✓

Water-Saving Automation

✓

Improves Crop Yield

✓

Reduces Labour Requirements

✓

Dry-Run Protection and High-/Low-Voltage Protection

✓

Supports up to 4 Irrigation Programs

Technical Specifications

Parameter	Specification
Supply Voltage	440 V
Power Consumption	< 15 W
Digital Inputs	1 (Water Meter) 1 (Pressure Switch) 2 (Float Switch)
Analog Inputs	2 (4-20mA)
Communication	GSM / Wi-Fi
Wired Communication	CAN protocol
Data Storage	Cloud
Operating Temperature	0°C to 60°C
Mounting	Wall Mount
Max. Valves Supported	Expandable up to 64 Valves Both Wired & Wireless
Irrigation Programs	4
Fertigation Programs	4

Valve Feature

Size	2" and 2.5"
Connection	BSP Threaded
Pressure Rating	10 Bar
Body	Glass Filled Nylon
Application	Agriculture



HEADLOSS CHART

Technical Specification			
Valve Size	mm	50 mm	60 mm
	Inch	2"	2.5"
	LWH (Inch)	6×6×6	9×6×5
Minimum Flow Rate	m ³ /hr	>1	
Pressure Range	bar	0.5-10	
Flow Rate @0.3 Bar	m ³ /hr	26	32
Flow Rate Factor	Kv (metric)	56	65

Maximum Operating Temperature: 60°C (140°F)

