

## SUMISANSUI - R-WIDE



A high quality and durable irrigation system that sprays water in a rectangular pattern instead of circles like traditional sprinklers. It helps to promote even crop growth and reduce plant stress with a lightweight and easy to install design. Ideal for vegetables, flowers, and row crops, the R-Wide is a heavy duty option for larger areas and greenhouse growing.

Made in Japan and trusted by farmers worldwide.

Low-Medium Pressure and Medium Flow Requirements



### R-Wide Specs:

- Operating Pressure | **15 psi to 30 psi MAX**
- Flow Rate | **0.086-0.128 Gallon/Minute/Foot**
- Tube Length | **25 to 328 ft** - two tubes can be connected for extra length
- Spray Width | **22 ft to 32 ft** - adjustable based on pressure
- Wide Spray Angle | **45°** - increases resistance to wind drift
- Laser cut holes ensure uniformity
- Easily integrates with Drip Tape systems and Timers/Solenoids
- Mobile system can easily be moved around the field and farm
- Other R-Series models coming soon: R Greenhouse, R One Side, R Seedling, Mist Ace

### Why Farmers Choose Sumisansui

**Efficiency:** No dry spots or overlapping wet areas as with circular sprinklers

**Good Fit:** Rectangular coverage area matches the layout of most farms and gardens

**Low Pressure/Low Flow:** Integrates well with any irrigation system including drip tape

**Winder + Bobbin:** Allows user to quickly deploy and move the irrigation system

**Gentle Rain:** Fine spray of water won't wash away seeds, crust soil, or damage plants

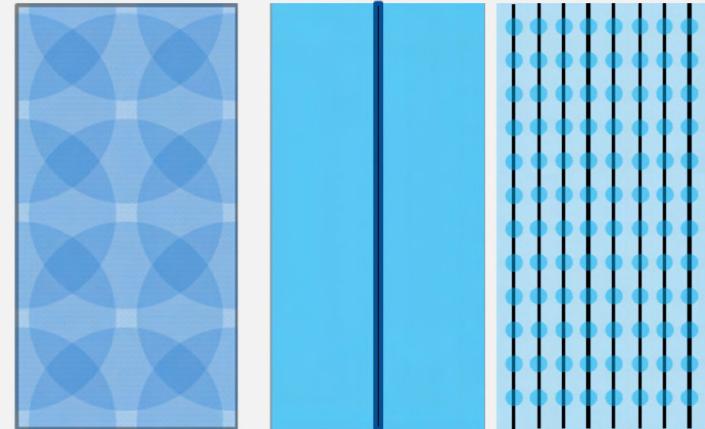
**Effective:** Soft enough that water soaks in properly instead of running off

**Durability:** Tubes are made from heavy duty polyethylene and will last many seasons

## Perfect for Different Types of Growing

- Gentle spray won't wash out tiny seeds like carrots or lettuce
- Even moisture helps improve germination
- Keep seeds moist during critical growth stages
- Very useful tool for greenhouse growing
- Reduces shock to newly planted seedlings
- Helps plants establish faster
- Reduce plant losses from drying out
- Easy to move between different areas
- No permanent pipes to work around
- Great for salad greens and microgreens
- Cooling greenhouses during intense summer weather
- Keep compost windrows at the proper moisture level
- Water shiitake mushroom logs and other outdoor mushroom projects

### Difference of Water distribution between irrigation systems



**Sprinkler**

**SUMISANSUI**

**Drip**

R-Wide	Max	Mid	Min	Units
Operating Pressure	30	22	15	PSI
Coverage Width	32	31	22	Feet
Recommended Tube Interval	26	25	18	Feet
Average Precipitation Rate	0.4685	0.40551	0.45276	Inch/hour
Average Flow Rate	0.12804	0.10549	0.08617	g/min/ft
Flow Rate at 25 feet	0.13448	0.1071	0.08697	g/min/ft
Flow Rate at 50 feet	0.13448	0.1071	0.08697	g/min/ft
Flow Rate at 75 feet	0.13448	0.1071	0.08697	g/min/ft
Flow Rate at 100 feet	0.13448	0.1071	0.08697	g/min/ft
Flow Rate at 150 feet	0.12321	0.106	0.0865	g/min/ft
Flow Rate at 328 feet	0.11757			g/min/ft

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Flow Volume				
Tube Length	30 psi	22 psi	15 psi	Units
25 feet	3.362	2.6775	2.17425	GPM
50 feet	6.724	5.355	4.3485	GPM
75 feet	10.086	8.0325	6.52275	GPM
100 feet	13.448	10.71	8.697	GPM
150 feet	18.4815	15.9	12.975	GPM
328 feet	38.56296			GPM