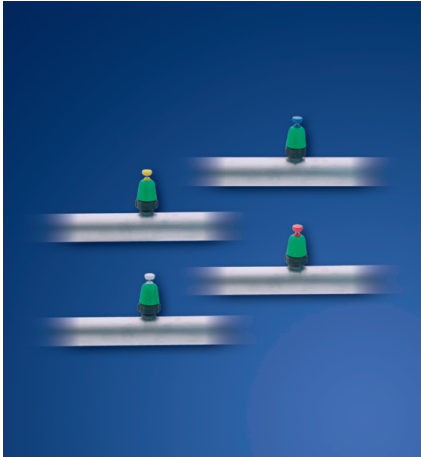




GW & GWM MEMBRANE



Accurate irrigation from variants for different requirements

Highlights

- For mist propagation, cooling, humidification, fine irrigation and irrigation
- Unique anti-drip function
- Low water consumption
- Self-cleaning

The Senmatic GWM super nozzle with built-in membrane and filter can be supplied in various variants. The different types cover the following functions: Mist propagation, cooling, humidification, fine irrigation and irrigation. The built-in membrane offers many advantages compared to conventional nozzles.

Accurate irrigation

The built-in membrane has a number of functions. The membrane works as a pressure regulator valve, causing all

nozzles to open and close at the same time, giving an accurate water distribution. Another function of the membrane is that it works as a non-return valve, preventing air being sucked into the distribution system, which again means that all nozzles open at the same time when irrigating.

Anti-drip function

The built in membrane also has an anti-drip function. This means that when the irrigation has finished, the membrane closes the nozzle, preventing drip from the system. The anti-drip function also prevents dripping from the system if the levelling of the tube system is not accurate.

Minimum of maintenance

The GWM super nozzle is practically maintenance-free. The built-in filter stops particles in the water settling in the nozzle. Mounting a flush valve at the end of each tube section is recommended, as is flushing the system regularly for particles caught by the built-in nozzle filter. The nozzle pin vibrates slightly during irrigation, which keeps the nozzle free of sediments.

Mounting

Mounting and running the GWM nozzle system is very economical. The low water consumption of the nozzles reduces dimensions of the tube and the feeding pump. The easy-fit tube system minimizes labour costs when installing the system.

GW super nozzle

For less demanding systems, the GWM super nozzle can be supplied without membrane, as the GW super nozzle. The GW super nozzle offers the same advantages as the GWM super nozzle with regard to mounting and running, but does not offer the unique anti-drip and accuracy functions of the membrane.



SPECIFICATIONS / GW & GWM MEMBRANE SUPER NOZZLES

GVM Membrane Super Nozzle					
Colour of the needle indicates application	Water consumption 3.5 - 5 bar L/min	Lifts water	Distance between nozzles	Watering diameter	Recommended tube spacing
White = Mist propagation and cooling	2.5	0.15 - 0.20 m	1.2 - 1.5 m	3.5 m	2.0 - 2.5 m
Blue = Mist propagation and cooling	2.5	0.25 - 0.35 m	1.2 - 1.5 m	3.5 m	2.0 - 2.5 m
Red = Fine watering	4.3	0.25 - 0.35 m	1.5 - 2.0 m	5.5 m	3.0 - 3.5 m
Yellow = watering	6.8	0.25 - 0.35 m	2.0 - 2.5 m	7.5 m	4.0 - 4.5 m

GV Super Nozzle						
Colour of the needle indicates application	Water consumption 3.5 - 5 bar L/min		Lifts water	Distance between nozzles	Watering diameter	Recommended tube spacing
White = Mist propagation and cooling	2.0	2.5	0.15 - 0.20 m	1.2 - 1.5 m	3.5 m	2.0 - 2.5 m
Blue = Mist propagation and cooling	2.0	2.5	0.25 - 0.35 m	1.2 - 1.5 m	3.5 m	2.0 - 2.5 m
Red = Fine watering	3.5	4.3	0.25 - 0.35 m	1.5 - 2.0 m	5.5 m	3.0 - 3.5 m
Yellow = watering	7.0	7.8	0.25 - 0.35 m	2.0 - 2.5 m	7.5 m	4.0 - 4.5 m

Distributor:

Head office:

Senmatic A/S
Industrivej 8, 5471 Søndersø, Denmark
Phone: +45 64 89 22 11
dgtsales@senmatic.com – www.senmatic.com