



**Product Sheet**

# NetaJet™ 5G

Powered by GrowSphere™

## Adaptive Precision Fertigation

### Advanced Features & Benefits

#### Dosing precision and technology

- Fertigation stabilisation reaches optimal EC/pH in ultra-fast speed, ideal for short irrigation cycles
- Highly configurable with multi precise dosing channels. Variety of injection rates.
- Ultra precise adjustments of EC/pH control powered by optional dual sensors (Single sensors standard)
- Uniform fertigation thanks to a unique static mixing chamber technology
- Efficient water, fertilizer and energy consumption
- Versatile with various models to cover any hydraulic conditions, farm size, and irrigation systems

#### Control and monitoring

- Advanced control with GrowSphere™ MAX controller to manages an array of local and remote devices
- Secure remote control
- Integrates with GrowSphere™ Workspace enabling monitoring and reporting

#### User experience

- Plug & Play installation
- Maintenance free with Venturi operations, minimal moving parts
- Built to last with premium quality materials and components

### Product Variations

<b>Bypass</b>	Bypass systems for pressurised line water source
<b>HF</b>	High Flow - Bypass system for pressurized line water source with high injection rates
<b>Inline</b>	Inline system for pressurized line water source for low mainline flow systems
<b>OCTA</b>	Bypass system for pressurized line water source OCTA offering 8 dosing channels.

### Components

- HydroMix static mixing chamber
- Compensation channel with pressure regulator
- PRV at the inlet and PSV at the outlet
- Selectable dosing channels
- EC/pH monitoring and control
- Quick-action FIP dosing valves
- Wide range of accessories and peripherals
- High-quality components and PVC piping
- Aluminum, corrosion-resistant frame with adjustable legs

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## Capabilities

- Allows up to 1,000 l/h per channel, with a total capacity of 5,000 l/h
- Highly accurate and reliable EC/pH control designed for protected and high-value crops
- Rapidly achieves EC/pH targets making it ideal for short fertigation cycles

## Technical Data

Dosing Unit		Dosing Channels								Irrigation System						
NetaJet™ 5G Model	In and outlet	Quantity		Minimum calibration (% of time open)			Maximum calibration (% of time open)			Pressure (m) at inlet to dosing unit		Q	Dosing rate (l fert/m <sup>3</sup> water)			
				100	80	60	100	80	60				min	12	10	4
	(mm)	Min	Max	Flow rate (l/h) per channel for min calibration & % open time			Flow rate (l/h) per channel for max calibration & % open time			Min	Max	(m <sup>3</sup> /h)	Maximum irrigation flow rate (m <sup>3</sup> /h) with channel 80% open on maximum calibration. (Note 1)			
Inline	63 PVC	3	5	100	60	45	400	320	240	30	50	8	20 (See Note 3)			
Bypass	50 PVC	3	5	100	60	45	400	320	240	30	50	15	27	32	80	160
Bypass HP	50 PVC	3	5	100	60	45	400	320	240	30	80	15	27	32	80	160
HF Bypass	63 PVC	3	5	300	240	180	1000	800	600	30	50	60	67	80	200	400
HF Bypass HP	63 PVC	3	5	300	240	180	1000	800	600	30	80	60	67	80	200	400

1. The maximum system flow rates in above table are calculated per channel. You can use more than one channel per fertiliser solution to increase the dosing capacity, thus increasing maximum system flow rate.
2. The minimum flow rate per channel can be limited by one or a combination of the following: Needle valve, dosing meter, visual flow meter range or venturi injector motive flow.
3. This limitation is due to capacity of the HydroMix chamber.

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