NetaJet™ 4G

OVERVIEW

- The NetaJet™ 4G realizes Netafim’s “grow more with less” concept. Based on Netafim’s unique Nutrigation™ technology, it controls the amount of water and fertilizers used, optimizing resource utilization for each specific land type and crop.
- Extremely accurate and reliable, prevents water and fertilizer waste while reducing environmental pollution.
- Ensures very precise and homogeneous nutrient dosing for greenhouse crops.
- Modular CE-compliant dosing system that easily integrates with multiple Netafim™ and third-party control and monitoring systems.
- Always injects a uniform quantity of nutrients while performing perfect EC and pH control.
- Can accommodate a wide variety of dosing channels for fertilizer and concentrated/diluted acid.
- Accommodates a variety of system pumps, peripherals and accessories to meet a vast range of applications and infrastructure constraints.

HIGHLIGHTS

- Equipped with the Netafim™ unique innovative analog dosing channels for very accurate and reliable EC/pH control (see description on page 4).
- Provides fast and accurate fertilizer and acid control
- State-of-the-art technology with unique static mixing chamber
- Very short control cycle
- Efficient water, fertilizer and energy consumption
- Guaranteed EC and pH control
- Almost completely maintenance-free Venturi operations – no moving parts
- Highly accurate dosing channels
- Fast and efficient Nutrigation™ recipe adjustments
- Multi-lingual capabilities
- Extensive experience with more than 1000 units sold around the globe
- Made by Netafim™

BENEFITS

- Easy to install and maintain system
- In-house developed offering
- Versatile flow capacity
- Covers all applications ranging from greenhouse in soil, to very intensive soilless media
- Requires minimal investment with rapid ROI
BP PL, OCTA, HIGH-FLOW MODES - Bypass systems for pressurized line water source

**IL PL MODE - Inline system for pressurized line water source**
**BP ST MODE** - Bypass system for storage tank water source

<table>
<thead>
<tr>
<th>MODE</th>
<th>FLOW RATE</th>
<th>PRESSURE RANGE</th>
<th>DOSING CHANNELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP ST</td>
<td>15 - 100 m³/h (66 - 440 GPM)</td>
<td>Upstream from the pump: 0 – 0.5 bar (0 – 7.25 PSI)</td>
<td>Up to 5 x 50 - 600 l/hr (13 - 158 GPH)</td>
</tr>
</tbody>
</table>

*Flow limitation depends on the fertilizer injection rate and the size of the venturis.*

**IL ST MODE** - Inline system for storage tank water source

<table>
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</thead>
<tbody>
<tr>
<td>IL ST</td>
<td>Up to 20 m³/h (90 GPM)</td>
<td>Upstream from the pump: 0 – 0.5 bar (0 – 7.25 PSI)</td>
<td>Up to 5 x 50 - 400 l/hr (13 - 105 GPH)</td>
</tr>
</tbody>
</table>
The NetaJet™ 4G is the first fertilizer dosing system equipped with the Netafim™ unique innovative analog dosing channel, the long-time awaited solution for very accurate and reliable EC/pH control for Nutrigation™ of greenhouse high-value crops.

The analog dosing channel is equipped with a servo motor able of continuous variable opening from 0 to 100%. This unique feature allows unprecedented precise and seamless Nutrigation™.

**ADVANTAGES**
- High precision
- Smooth and stable hydraulic operation
- No fluctuations
- Fast EC/pH set-point reaching
- Short stabilization time
- Enables short Nutrigation™ cycles
- No risk of cavitation damage to the booster

**PERFORMANCES: DIGITAL (ON/OFF) VS. ANALOG DOSING CHANNEL**

**STABILIZATION TIME**
- X = Analog (continuous-variable) dosing channel
- Y = Digital (pulsating) dosing channel

To select the suitable NetaJet™ for your project, see the online configurator at: [https://cmtconfig.netafim.com](https://cmtconfig.netafim.com).

For more information, including user and installation manual, please login at: