OVERVIEW

The FertiOne™ offers a Nutrigation™ solution for injection of a single fertilizer in open field sites fitted with electricity. It is a plug-and-play, fully configurable, simple-to-operate single-channel fertilizer/acid dosing unit. It ensures the highest efficiency with minimum investment, a highly cost-effective solution for Nutrigation™. Built on a sturdy, corrosion-resistant aluminum frame, the FertiOne™ can accommodate different types of dosing channels and a variety of single- or three-phase dosing boosters to suit the various needs of different sites. It is available as a basic manual system or equipped with several controller options - for simple straightforward operation or for more advanced quantitative or proportional control, to meet a vast range of Nutrigation™ needs.

HIGHLIGHTS

- Modular Nutrigation™ system
- Built around a standard platform
- Requires minimal investment
- Efficient water, fertilizer and energy consumption
- Wide range of irrigation water capacities
- Quantitative or proportional Nutrigation™ capabilities
- Almost completely maintenance-free Venturi operations - no moving parts
- Highly accurate dosing channel
- Manual or fully automated operations
- Easy integration into existing irrigation systems
- High-quality components and PVC pipe work
- Aluminum, corrosion-resistant frame with adjustable legs

BENEFITS

- Easy installation and maintenance
- Broad application coverage, including open fields, orchards, etc.
- Highly profitable price/performance ratio
- NMC and other controllers can be assembled on the FertiOne™ for advanced Nutrigation™ control.
- A wide variety of accessories and peripherals can be integrated into the FertiOne™ to enhance its functions.
- Made by Netafim™

DOsing CHANNELS RANGE

- Manual dosing channel
- Electric dosing channel
- Electric dosing channel with fertilizer meter
FertiOne™

TYPICAL INSTALLATION

COMPONENTS
- Venturi operated dosing channel
- Quick-action dosing valves
- Pressure gauge
- Controller (optional)
- Stainless steel dosing booster
- Dosing booster switchbox
- Check valve
- Wide range of integrated accessories and peripherals
- High-quality components and PVC piping
- Aluminum, corrosion-resistant frame with adjustable legs

CAPABILITIES
The FertiOne™ ensures a satisfactory mixture in a vast range of flow capacities. It will accommodate a 0.1-ha (0.25-acre) nursery or a 400-ha (1000-acre) plantation.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>STANDARD</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>Manual (w/o controller)/NMC-Junior/MiniAg,</td>
<td>Other controllers on the market</td>
</tr>
<tr>
<td></td>
<td>according to customer need</td>
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<tr>
<td>Suction Flow Rate</td>
<td>From 100 to 1000 l/h (0.44 to 4.4 GPM)</td>
<td>Electric with fertilizer meter</td>
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<tr>
<td>Dosing Channel</td>
<td>Manual/Electric</td>
<td></td>
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<tr>
<td>System Pressure</td>
<td>from 2 to 7.5 bar (29 - 109 PSI), according</td>
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<tr>
<td></td>
<td>to the selected dosing booster</td>
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To select the suitable FertiOne™ for your project, see the online configurator at: [https://cmtconfig.netafim.com](https://cmtconfig.netafim.com).