A HIGHLY COST EFFECTIVE SOLUTION FOR PRECISE NUTRIGATION™

The FertiKit 3G is a fully configurable fertilizer/acid dosing unit. It can accommodate a variety of dosing channels, dosing boosters, NMC Controllers, peripherals and accessories to meet a vast range of applications and infrastructure constraints. Basic functions include controlled mixing of fertilizers/acsids with source water into a homogenous nutrient solution, EC/pH correction of nutrient solution and water pre-treatment.

FEATURES & BENEFITS

- A modular, cost-effective Nutrigation™ system for soil and substrate applications with minimal investment.
- Efficient use of water, fertilizers and energy.
- Unrivaled range of irrigation water capacities.
- Designed for any application where quantitative or proportional Nutrigation™ is required.
- Venturi operation principle - no moving parts.
- Fits into an existing irrigation system and it’s easy to install and maintain.
- Precise Nutrigation™ based on high accuracy dosing channels with recipes that can be changed quickly and efficiently.
- Made from high quality components and PVC NPT Schedule 80 with an aluminum, corrosion-resistant frame and adjustable legs.
- Pre-assembled with NMC Pro Controller and NMC Air.
- A wide variety of accessories and peripherals can be integrated into the FertiKit to enhance its functions.
- Field-proven in all environmental conditions.

OPERATING PRINCIPLE

The FertiKit doses the various fertilizers and acids into a homogenous solution and injects it into the irrigation water mainline. The suction of the fertilizers and acid into the dosing channels is based on the Venturi principle. This requires a pressure differentiation - which is created by the FertiKit booster pump.

TECHNICAL SPECIFICATIONS

- SP - Mainline pressure range of 15 to 60 psi
- Up to 4 dosing channels: 13-95 GPH
- Total fertilizer/acid suction capacity: 380 GPH
- NPT connections for easy assembly
- For other technical specifications, contact Netafim USA

NEW
NOW WITH NMC AIR
FERTIKIT 3G

TYPICAL INSTALLATION OVERVIEW

The drawing represents the infrastructure suitable for a FertiKit 3G.

13 Fertilizer/acid stock tank
14 Manual valve (fertilizer)
15 Fertilizer/acid filter
16 Manual valve (isolation)
17 Main line pressure reducing valve (PRV)
18 Irrigation valve
19 Water meter
20 Main line filter
21 Main line pump
22 Main line pressure sustaining valve (PSNO)

DIMENSIONS AND WEIGHT

<table>
<thead>
<tr>
<th>W</th>
<th>D</th>
<th>H</th>
<th>WEIGHT*</th>
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<tbody>
<tr>
<td>33”</td>
<td>40 ½”</td>
<td>53”</td>
<td>225 LBS.</td>
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* Weight with Dosing Booster and Controller

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>33200-049000</td>
<td>FERTIKIT 3G SP-120 VAC NMC PRO CONTROLLER, BOOSTER PUMP 1 X 220 VAC, 2 FERTILIZER CHANNELS AT 35 GPH, 1 ACID CHANNEL AT 10 GPH, EC/PH MONITORING, NPT, NMC AIR KIT</td>
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<tr>
<td>33200-050030</td>
<td>FERTIKIT 3G SP-120 VAC NMC PRO CONTROLLER, BOOSTER PUMP 3 X 440 VAC, 2 FERTILIZER CHANNELS AT 90 GPH, 1 ACID CHANNEL AT 10 GPH, EC/PH MONITORING, NPT, NMC AIR KIT</td>
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