

FERTIKIT 3G

THE NEXT GENERATION MODULAR NUTRIGATION™ SYSTEM



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/acids with source water into a homogenous nutrient solution, EC/pH correction of nutrient solution and water pre-treatment.



FEATURES & BENEFITS

- A modular, cost-effective Nutrivation™ 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 Nutrivation™ is required.
- Venturi operation principle - no moving parts.
- Fits into an existing irrigation system and it's easy to install and maintain.
- Precise Nutrivation™ 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 MODE

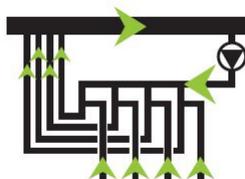
- SP - Mainline pressure range of 15 to 60 psi

TECHNICAL SPECIFICATIONS

- 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

OPERATING PRINCIPLE

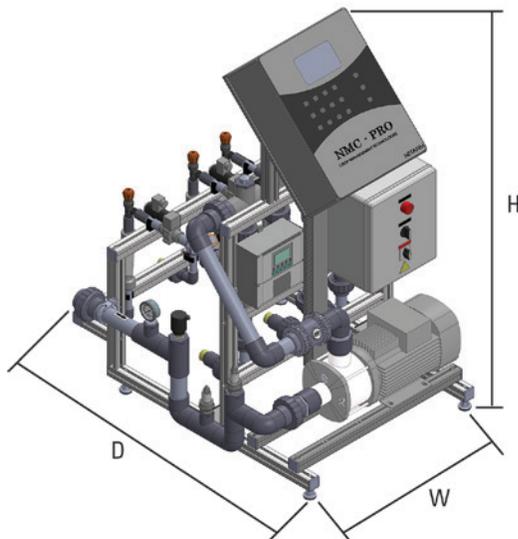
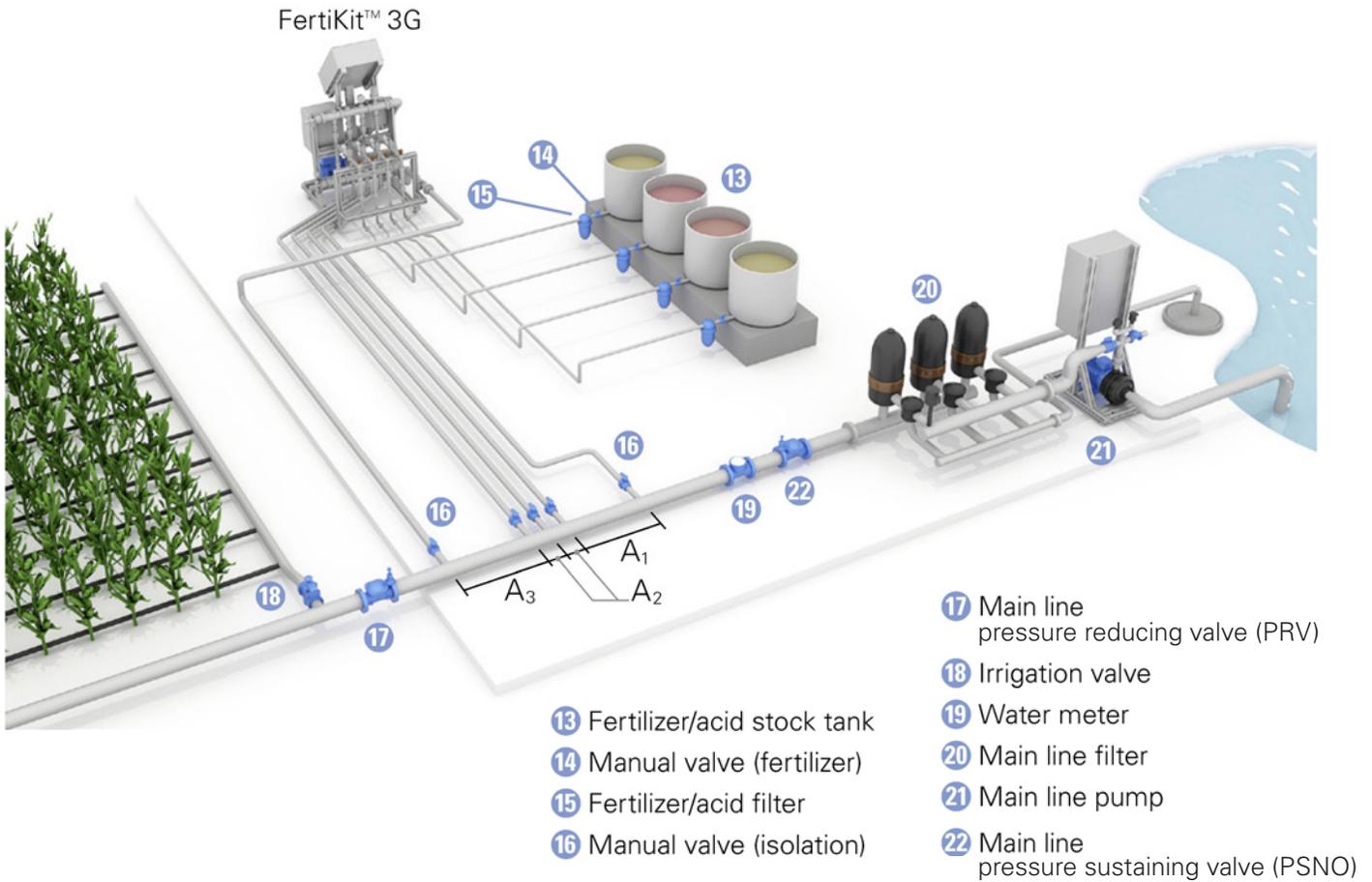
The FertiKit doses the various fertilizers and acids into a homogenous solution and injects it into the irrigation water mainline. The suction of the fertilizers and acid into the dosing channels is based on the Venturi principle. This requires a pressure differentiation - which is created by the FertiKit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



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TYPICAL INSTALLATION OVERVIEW

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



DIMENSIONS AND WEIGHT

W	D	H	WEIGHT*
33"	40 1/2"	53"	225 LBS.

* Weight with Dosing Booster and Controller

ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION
33200-049000	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
33200-050030	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



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