



# Priva Nutrifit

Accurate and affordable fertilizer dosing



Safe and affordable use of water and fertilizers in horticulture is a challenge for every grower. Priva NutriFit is a compact fertilizer dosing system with a mixing tank. The NutriFit ensures that the crop gets the right amount of water and fertilizer at the right time. Priva NutriFit makes EC and pH control affordable for any grower.

## Why use Priva Nutrifit?

### **Safe and reliable**

Fertilizer tanks are connected to the Priva NutriFit. These contain soluble fertilizers dissolved in water. The dissolved fertilizers are injected into the NutriFit mixing tank, where they are mixed with water and evenly pumped to the crop. The NutriFit can mix a maximum of five solutions simultaneously, e.g. four fertilizer solutions and one acid/lye solution. The dual EC and pH measurements provide maximum reliability. The NutriFit can be controlled by an integrated process computer or an external Priva process computer. The operating system for the Priva NutriFit is available in a variety of languages.

### **Flexible and efficient**

The Priva NutriFit can be used with all types of irrigation systems (overhead or drip irrigation, ebb and flood systems). The acidity can be adjusted with acid or lye to achieve the optimal pH value. The NutriFit is available for capacities ranging from 5 to 25 cubic metres per hour (22 to 110 gpm). A pump selection can be made, to fit your specific needs regarding capacity and pressure. The Priva NutriFit is easy to integrate into existing configurations and provides efficient solutions for small to medium size operations.

### **Saving costs by reusing water**

To prevent the waste of costly fertilizers, the process computer has built-in functions to control the pre-mixing of collected run-off water with fresh water. As a general rule, savings of 30-40 percent on water and fertilizer costs are achieved by utilizing this reuse function and unnecessary pollution of the environment can be prevented.

### **Durable and low maintenance**

NutriFit systems are extremely durable and require very little maintenance. The system is made of stainless steel and sustainable plastics and the number of moving parts is kept to a minimum.

# Advantages of Priva Nutrifit

- Efficient fertilizer dosing for all types of crop
- Flexible choice in pump and number of fertilizer dosing channels
- Accurate and reliable
- Long shelf life
- Self-supporting compact system
- Constructed from durable materials
- Fault insensitive
- Various expansion options
- Lowest cost per m<sup>3</sup>



## General specifications

- Mixing tank system
- Capacity 5 to 25 m<sup>3</sup>/hour (22 to 110 gpm)
- Dual EC and pH measurements for maximum reliability
- 100 litre (26 gallon) mixing tank
- 1-5 dosing channels; 30-300 litres/hour (0.13-1.32 gpm)

### Main functions: as substation of a Priva process computer

#### Measurements

- Total water consumption, EC and pH logging per valve
- Drain quantity and logging
- Volume measurement
- Light or radiation measurement

#### Irrigation control

- Fertilizer recipes
- EC pre-control option
- Large number of starting conditions
- Water and fertilizer stock control
- Rinse valves
- Rotation of valves

#### Management

- Extensive insight into all measurements, control functions and alarm situations
- PC connection to Priva Office Direct for registration and operation

### Main functions: with an integrated Priva Compass process computer

- Up to 24 irrigation valves
- Re-circulation of water in zero run off installations
- 10 start groups with individual settings for 4 times periods a day
- EC pre-control function
- Irrigation volume measurement and alarm
- Registration of irrigation quantity
- Average EC and pH registration
- Starting on light and light sum
- Start on time
- Operate on site and in the cloud via Priva Operator

Want to know more or get in touch? Visit [priva.com/nutri-line](https://priva.com/nutri-line)  
#creatingaclimateforgrowth

