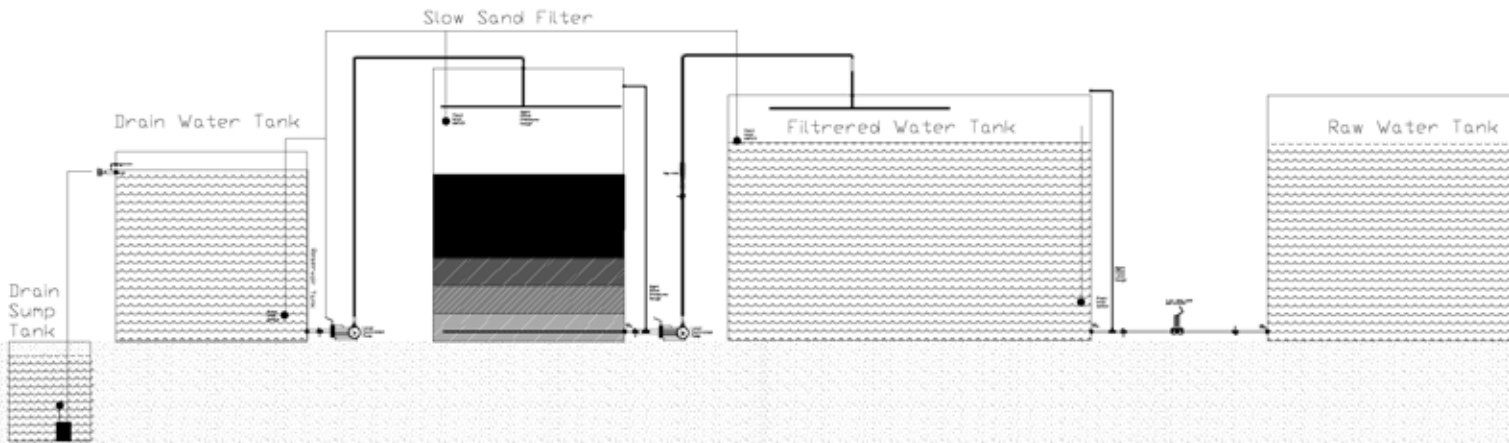


# Biological Filter System™

Online Biological Runoff Filtration



Technical Specifications	
Sensors	
EC/CF	Temperature
pH	
Volume of Treatment	10-18000 L/Hr
Efficacy	93% Nematodes 99% Pythium & Phytophora 95-99% Bacteria
PC Communication	PC Can be up to 1.2km from unit. Requires data cable. Preferably Cat 5E Stranded 4 pair twisted
System Reports	Exports CSV files.
Alarms	Contact closure and Audible on unit. Sound card activation on PC and Dial out via modem if activated
Electrical	Power 115/230v AC, 50/60Hz, 50Va
Physical	Nutriddose 2 Weight 1.5kg

## Specifications

### On-Line

Alarms may be set for each system and even for each measured variable. Data is logged to the hard disk of the computer for later graphical display.

### Off-line

Whenever a PC is not connected the Nutridose 2 continues in off-line mode. In this mode it records data every 5 minutes to an internal memory. They may then be connected to a PC and as soon as they switched on and connected to the computer, the data will be uploaded for logging to disk and display. The maximum data storage is limited to 10 days.

### EC/CF, pH, Temperature

Display EC and pH to two decimal points resolution accuracy of EC and pH will depend on calibration. If used in an electrically quiet area and properly calibrated at a temperature within 10 deg C of application temperature, accuracy will be better than +/- 0.2 error

Nutrient temperature resolution to 1 decimal point, Temperature accuracy better than 0.5 deg C without calibration, 0.2 deg C with calibration

Easy to recalibrate in any standard solution. Calibrations are stored in permanent memory (ie they are still there is the power fails)



Water entering the slow sand filter via distributed pipe system with maximum aeration



Filtered water entering filtered water tank ready for blending with fresh water stream



## Software Graphs

Users can make a number of 'favorite' graphs to include monitored data from a variety of systems installed from environment (if installed) to runoff levels. All these variables can be displayed on one graph but users typically create a multitude displaying what they most want to see compared together e.g. moisture and temperature. Users can adjust the range of data displayed from 5 minutes to 1 week. This allows the user to see trends in any aspect that is monitored.

Efficacy Data based on research reports available on request