

NMC-Pro

Uniquely advanced, multi-function
irrigation controller



The wisdom of simplicity

Powerful features for greenhouses and open fields

- Unmatched ease of use
- Modular hardware plug & play
- Irrigation according to Radiation Sum, time, and external conditions
- EC pre-control for drainage and fresh water pre mixing
- Drainage measurement
- Advanced EC/pH control
- Supports pH treatment during quantitative fertigation



Hardware specifications

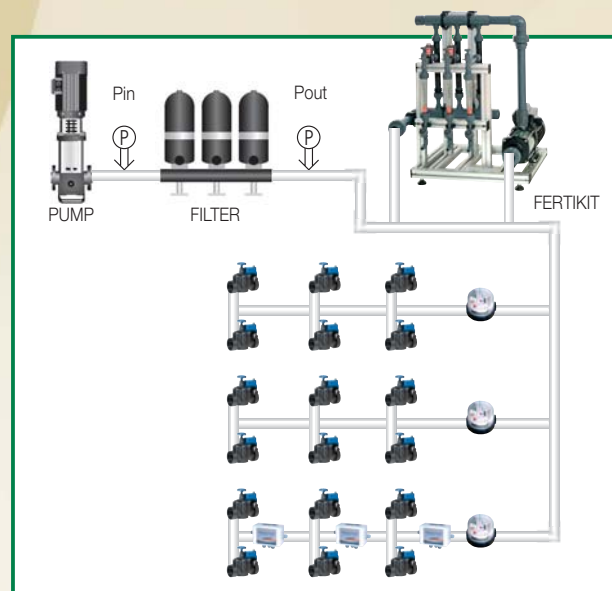
- Surge suppression on 115/230VAC power - 1 Internal, 1 optional external
- Surge protection on inputs and outputs - Yes
- Dual power CPU - 115/230VAC or 12VDC
- Outputs - 24VAC - Up to 64 (in modules of 8)
- Outputs - Relay contact - Up to 64 (in modules of 8)
- Outputs - DC Latch (pulse) - Up to 256 (via single cable)
- Inputs - digital/pulse - Up to 16 (in modules of 8)
- Inputs - Analogue - Up to 22 (in modules of 11)
- Communication - Up to 50 controllers in a network
- PC links options - Wire, Telephone, Cellular or Radio

Software specifications

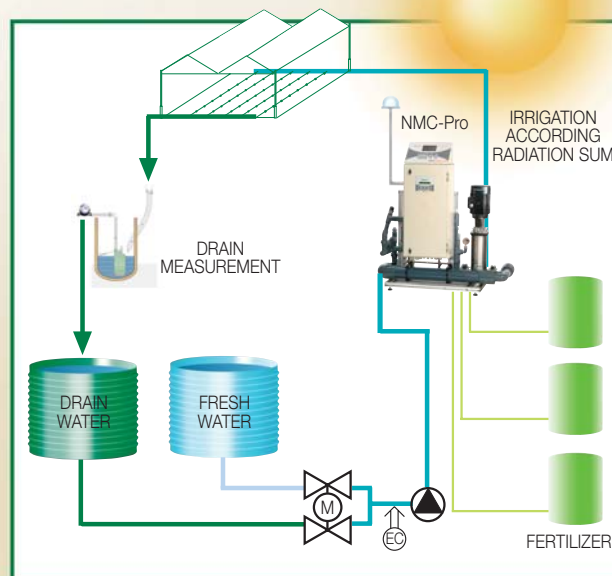
- Irrigation program - up to 15
- Irrigation triggers - Radiation Sum, time and external conditions
- Number of valves per irrigation program - up to 40, sequentially or grouped
- Dosing program - Up to 10
- Dosing method - Time and Quantity (bulk or spread), Ratio (1/1000) and EC/pH
- Independent dosing method per channel - Passive, EC, Acid or Alkali
- Dual EC/pH measurement - Verifying sensor readings to increase reliability
- EC Pre-control - Fresh & Drain water pre mixing
- Drain measurement - Up to 8 drain meters
- Filter flushing - up to 24 filters with main filter valve
- Cooling/Humidity program - 5 dynamic programs according to temperature & humidity

SD memory card

for Backup of software configuration and user settings



Field application



Greenhouse application



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