

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

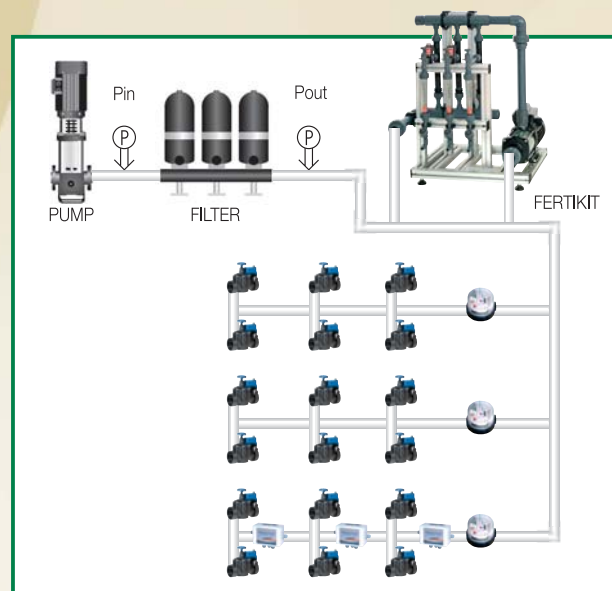
- Surge suppression on 115/230VAC power - 1 internal, 1 optional external
- Surge protection on inputs and outputs - yes
- Dual power CPU - 115/230VAC or 12VDC
- Outputs - 24VAC - up to 64 (in modules of 8)
- Outputs - relay contact - up to 64 (in modules of 8)
- Outputs - DC Latch (pulse) - up to 256 (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

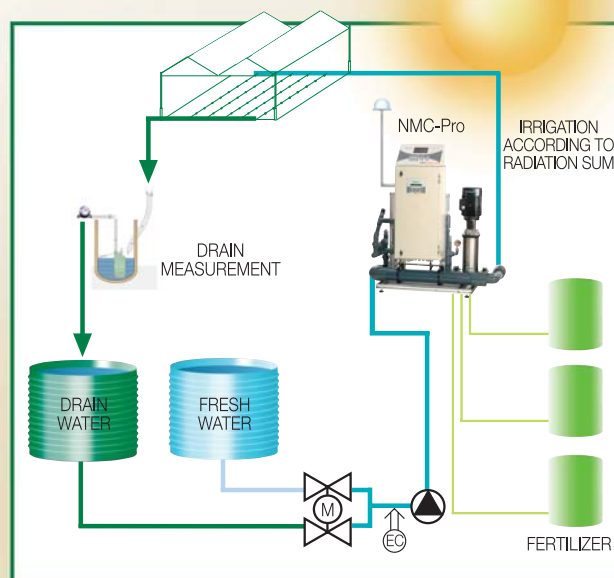
- Irrigation program - up to 15
- Irrigation triggers - Radiation Sum, time and external conditions
- Number of valves per irrigation program - up to 40, sequentially or grouped
- Dosing program - up to 10
- Dosing method - Time and Quantity (bulk or spread), Ratio (1/1000) and EC/pH
- Independent dosing 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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