

# NMC - Junior

## Compact in size. Huge in simplicity.

Affordable multi-function irrigation controller for small applications.

### Product advantages

- User friendly design includes large graphic display - 16 lines 40 characters.
- Superior PC software flexibility: up to 50 controllers can be connected in a network and presented in the same PC software.
- Multiple options for linking to office PC (wire telephone or radio).
- Battery backup prevents loss of settings in the event of power failures.



Memory backup key



## Main features

- Multiple pumps control
- Filter flushing with master control for pressure sustaining valve
- Runs up to 15 valves - sequential or grouped
- EC/pH monitoring and control
- Multiple fertilizer mixes and programming options
- Multiple water, fertilizer and auxiliary flow meters
- Comprehensive logs of all sensor data and graphic displays

## Software specifications

- Irrigation programs – up to 15
- Number of start times per program – up to 6
- Number of cycles per start time – up to 99
- Number of valves per program – up to 15
- Dosing program – up to 10
- Dosing method – time & quantity (bulk or spread), ratio (1/1000), EC/pH
- External condition program – up to 15
- Cooling or Humidity program – up to 5 dynamic programs
- Cooling valves – up to 15
- Misting valves – up to 15
- External memory backup key

## Applications

- Medium to large agricultural applications
- Greenhouse hydroponics irrigation
- Drip irrigation in rows and permanent field crops
- Nurseries

## Hardware specifications

- 15 outputs – 24VAC
- 6 Digital inputs – Water meters, fert meters, DP switch, etc'
- 5 Analog inputs – EC, pH, temperature x 2 and Humidity
- Internal surge protection on 115/230VAC
- Surge protection on inputs and outputs
- 24VAC Transformer – 50VA
- Power requirements – 115/230 VAC, 35 Watt

