

# NMC-15 Advanced Fertigation Controller

For small to midrange applications



**Netafim's stand-alone NMC-15 controller gives you outstanding value.**

- Superior irrigation and fertigation control.
- Wider range of applications.
- Competitive Pricing
- **User-friendly hardware & software** - Enhanced control; irrigation, fertigation, filter flushing, cooling and misting applications.
- **Tactile feel keyboard** - Simple, fully reliable operation.
- **Robust Design** - withstands tough climates



## LEDs ensure user-friendly operation

- Main valve LED: indicates if operative
- 3 Fertigation LEDs: one for each fertilizer channel
- Irrigation valve LED: indicates if a valve is open
- Cooling LED: indicates if active
- Filter station LED: indicates if filter station is being flushed.
- Alarm LED: indicates if active.

## Hardware Features:

- 15 24VAC outputs
- Digital water meter input
- 3 digital fertilizer meter inputs
- Digital input for Delta Pressure (Filter Flushing)
- Digital input to externally pause the irrigation system
- 2 designated temperature inputs
- Designated humidity sensor inputs
- 4-20mA input for EC sensor
- 4-20mA input for pH sensor

## Software features:

- Up to 10 irrigation programs per valve, each program consists of the following settings:  
Irrigation timing.  
Water, water before and water after definitions.  
Fertilizer injection definitions.
- Irrigation by quantity or time  
Each valve can be individually programmed.
- Flow control  
High, low and uncontrolled flow
- Fertigation  
Up to 3 fertilizer pumps.
- Fertilizer protection  
Options: uncontrolled, unopened fertilizer, remaining fertilizer.
- Fertigation by time or quantity  
Enables programming as a ratio (L/M3) or by total quantity.
- EC/pH measurement for alarm purposes
- Filter flushing - Up to 8 filters
- Cooling control according to temperature and RH
- Misting control by time
- Alarm output
- PC communication & HMI
- Water and fertilizer accumulation
- Alarm/event logbook
- Input & Output test



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