



NMC-XL CONTROLLER

Netafim's NMC-XL is a modern irrigation control system with advanced features for handling multiple irrigation main lines including pumps, filters, fertigation systems and other accessories related to the full comprehensive solution for farms management. The NMC-XL offers the optimal solutions both for open field and greenhouses applications.

MAIN BENEFITS:

- Handles up to 6 various water sources
- Up to 250 irrigation valves (individuals or groups)
- Irrigation regime – Handles up to 128 main lines simultaneously
- Handles two types of fertigation stations simultaneously: local fertigation station handles single irrigation line and central fertigation station that handles multiple irrigation lines
- Irrigation triggers – Start, stop, pause and resume commands according to time, sensor values, flow rates, status of system components and compound conditions (AND/OR)
- Fertigation program – 8 methods, Time (bulk, time/time, time/quantity), Quantity (bulk, quantity/quantity, quantity/time), Ratio (1/1000) and EC/pH
- Filter flushing - By Time trigger and/or by Pressure Differential switch (DP)
- Multiple category logbook providing sensors history and events
- Alarms - Error detection for the irrigation system, water supply, fertigation system, filters and controller hardware
- System failure battery back up for software configuration, user settings and data memory

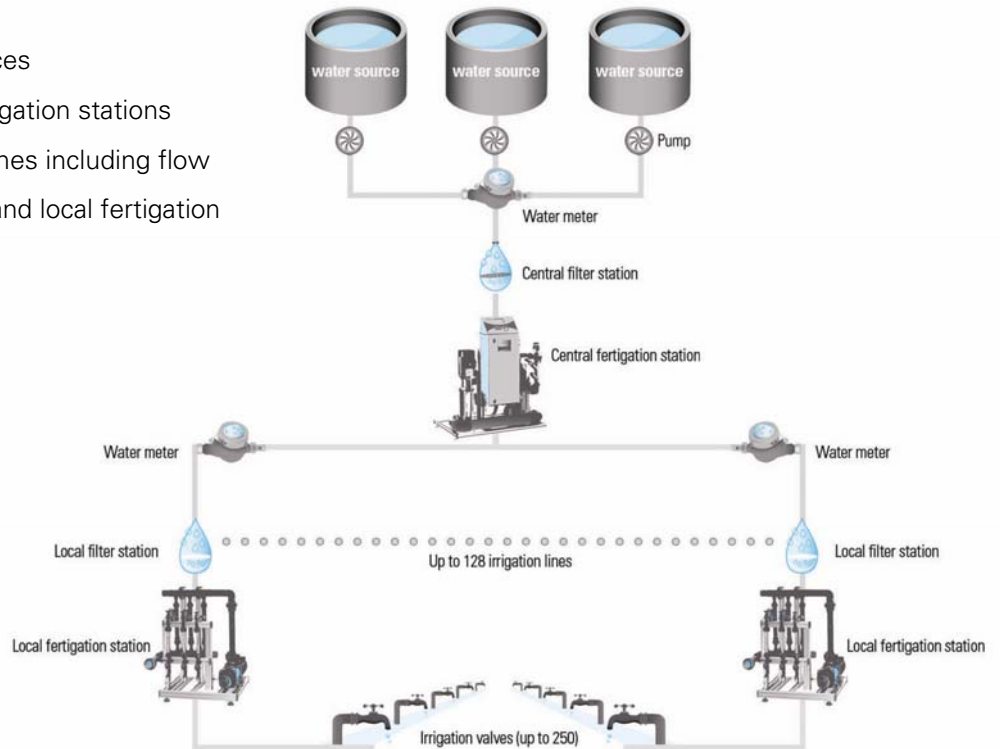
GENERAL TECHNICAL DATA:

- Dual power supply options: 115/230VAC or 12VDC
- Outputs – 24VAC and 12VDC Latch, up to 250
- Inputs – Digital/Pulse inputs, up to 250
- Inputs – Analog inputs (0-5VDC, 4-20mA), up to 99
- EC/pH – Up to 5 EC/pH modules, single EC/pH control per fertigation station
- Large graphic LCD display with tactile feel keyboard
- SingleNet system: Handles up to 128 RTUs . Each RTU handles 2-8 DC Latch outputs and 2-8 Digital inputs.
- RadioNet system: Handles up to 250 RTUs. Each RTU handles 1-9 DC Latch outputs and 2-10 Digital inputs.



HYDRAULIC CAPABILITIES:

- Managing up to 6 water sources
- Controls up to 25 Central fertigation stations
- Controls up to 128 irrigation lines including flow measurement, filter flushing and local fertigation



COMMUNICATION CAPABILITIES:

- Local communication – PC is linked to the controllers by Wires or Wireless network
- Remote communication – PC is linked to the controllers by Telephone, Cellular and Internet
- Mobile phone – Enables irrigation programming, events log review, SMS alarms and reset
- PC Software – User friendly "windows" oriented software enables to control, view and analyze data in real time

