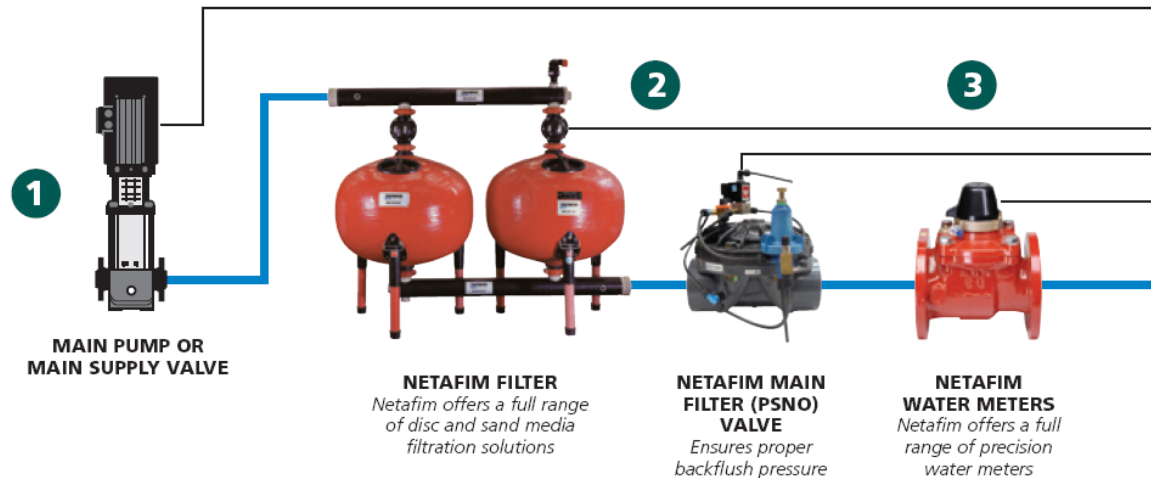


## How Netafim Automation Works For You

The NMC Junior operates your entire irrigation system improving irrigation efficiencies and fertilizer injection functions. This results in improved plant response and optimizes your input investments.

Automation allows you to realize the full promise drip/micro irrigation offers:

- Improve plant response through timely irrigation and fertilization.
- Maximize nutrient availability (especially in sub-surface drip irrigation) by maintaining appropriate irrigation water pH.
- Achieve high system uniformity through continuous treatment preventing emitter plugging.
- Reduce or optimize input of water, energy, labor, chemicals and fertilizers.



### 1. Operates Main Pump or Main Supply Valve and Field Valves

The NMC Junior turns the main irrigation pump or main supply valve and field valves on and off.

- Activates main irrigation pumps (up to 3) or main supply valves (up to 3).
- Operates field valves via 24VAC solenoids by turning them on and off.
- Schedules irrigation application totals via time or quantity with up to 15 irrigation programs.

### 2. Monitors, Controls and Logs Filter Backflushing and Controls Main Filter (PSNO) Valve

The flexible programming options for filter backflushing eliminates the need for additional external backflush controllers. These programming options ensure smooth, reliable performance.

- Operates via time and/or pressure differential.
- Programmable dwell/delay times for main filter valve and between filter tanks.
- Records backflush history.

### 3. Monitors and Logs Water Flow

Water flow is monitored and logged with recorded data for totals, limits, alarms and actions.

- Provides water flow data for setting flow limits, alarms and actions.
- Shuts down system based on high/low flow limits.
- Records high/low occurrences as alarms.

## SOUTHERN DRIP IRRIGATION

Lethbridge, Alberta  
phone: 403-394-0042  
fax: 403-394-9515



Chilliwack, British Columbia  
phone: 604-792-0041  
fax: 604-792-9515

www.southerndrip.com

