



# VA60-8 IRRIGATION CONTROLLER



## Manual and automatic differential irrigation

### Highlights

- Exact control of irrigation – according to the plants needs
- Easy to operate
- Automatic start of separate irrigation groups
- Controls up to 8 valves

VA60-8 is a low-priced high-quality irrigation controller that is very simple to operate. With VA60-8, an exact control of the time and start of irrigation – just when the plants need water – is ensured. The irrigation time is adjusted for each valve with the rotary switch and is started by pushing a button. If automatic starts are required, the VA60-8 is available with a watch that can be adjusted to fixed irrigation times, or a tensiometer may be connected that will start an irrigation when the soil or the irrigation mat has dried out.

### Separate start for each valve

Not all plants need water at the same time. There is a difference between the various cultures in the house or in the developmental stage of the plants. Unique for the irrigation controller VA60-8 is the possibility of starting irrigation in every single irrigation group separately, just when the plants in this group are in need of water. By connecting an external sensor such as a tensiometer or a start tray, the valve will start independent of the remaining valves in the irrigation controller.

Entirely dependent on the pump capacity, several VA60-8 controllers can start simultaneously. If the water capacity only permits one valve to irrigate at a time the irrigation controllers can be connected in a chain. When an irrigation is started, and the 8 valves in the first irrigation controller have run through the irrigation time, the start signal will be passed on to the next controllers. This option is also useful if all irrigations are to be controlled by means of one external start, for example a solar integrator or a joint start tray.

### Alarm and Stand-by

As an extra safety function, the irrigation controller will release an alarm if the irrigation causes problems, for example if no water reaches the plants.



## SPECIFICATIONS / VA60-8 IRRIGATION CONTROLLER

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### Physical specifications

Supply	230 C / 115 V / 24 V AC +10 % -15 %. Can be supplied with 24 V AC
Inputs	10 Potential free contacts
Valve outputs	8 valve outputs 1.5 A - 27 V AC
Pump outputs	Potential free connection contacts 230 V AC 2 A with RC link
Signal outputs	Open collector outputs max. 24 V DC 50 mA
Temperature	0 - 50° C without direct sun radiation
Humidity	0 - 100 % RH without condensation

With a flow switch installed VA60-8 will give an alarm signal indicated with a flashing red light. Furthermore, the VA60-8 alarm can be connected to an external alarm bell or similar.

The standby light will be on if an irrigation in progress has been stopped by other active automated systems.

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