

# DamSurge Valve

FLOOD IRRIGATION

# Save water, labor, and fertilizer while increasing yields.

## DamSurge Valve

- Increases the rate of water advance down the furrow.
  - Reduces deep percolation losses and tail water runoff.
  - Produces an even wetting front along the furrow.
  - Produces even depth water penetration into the soil.
- Increase application efficiency up to 35% over traditional furrow irrigation.
  - Minimizes losses from deep percolation and tail water runoff.
  - Reduces labor by automatically changing water sets.



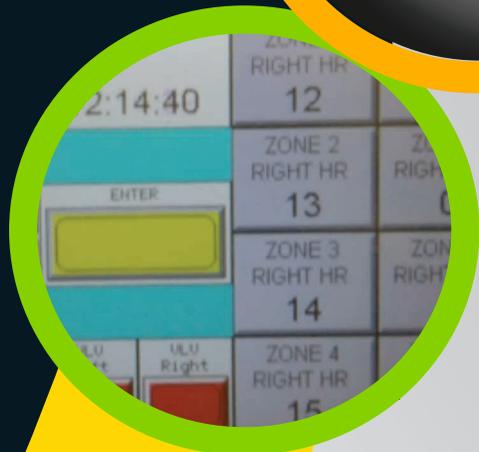
## Valve

High strength impact resistant polymer materials coupled with best in class injection molding processes insures a robust, high quality Surge Valve that will provide years of trouble free service.

- High strength polymer shell provides a deterrent to the **common theft** of aluminum products in the field.
- UV inhibitors guard against degradation from sunlight.
- Marine grade 316 stainless steel hardware.
- 1 year warranty against manufacturers defects.
- Superior performance in the most rugged ag environments.

PIPE SIZE	CAPACITY GPM
6" – 160 mm	625 - 700
8" – 200 mm	1100 - 1200
10" – 250 mm	1700 - 2000
12" – 315 mm	2500 - 3000

## Controller



- Features an all-weather, corrosion free, impact resistant solar panel.
- Superior solar panel insures a constant charge even during those cloudy days.
- State of the art touch screen user interface simplifies programming.
- Password security prevents unauthorized user changes to programs.
- Rechargeable lithium ion battery.
- English or Spanish language.
- IP 67 rated – resistant to dust and moisture infiltration.
- 1 year warranty against manufacturers defects.

