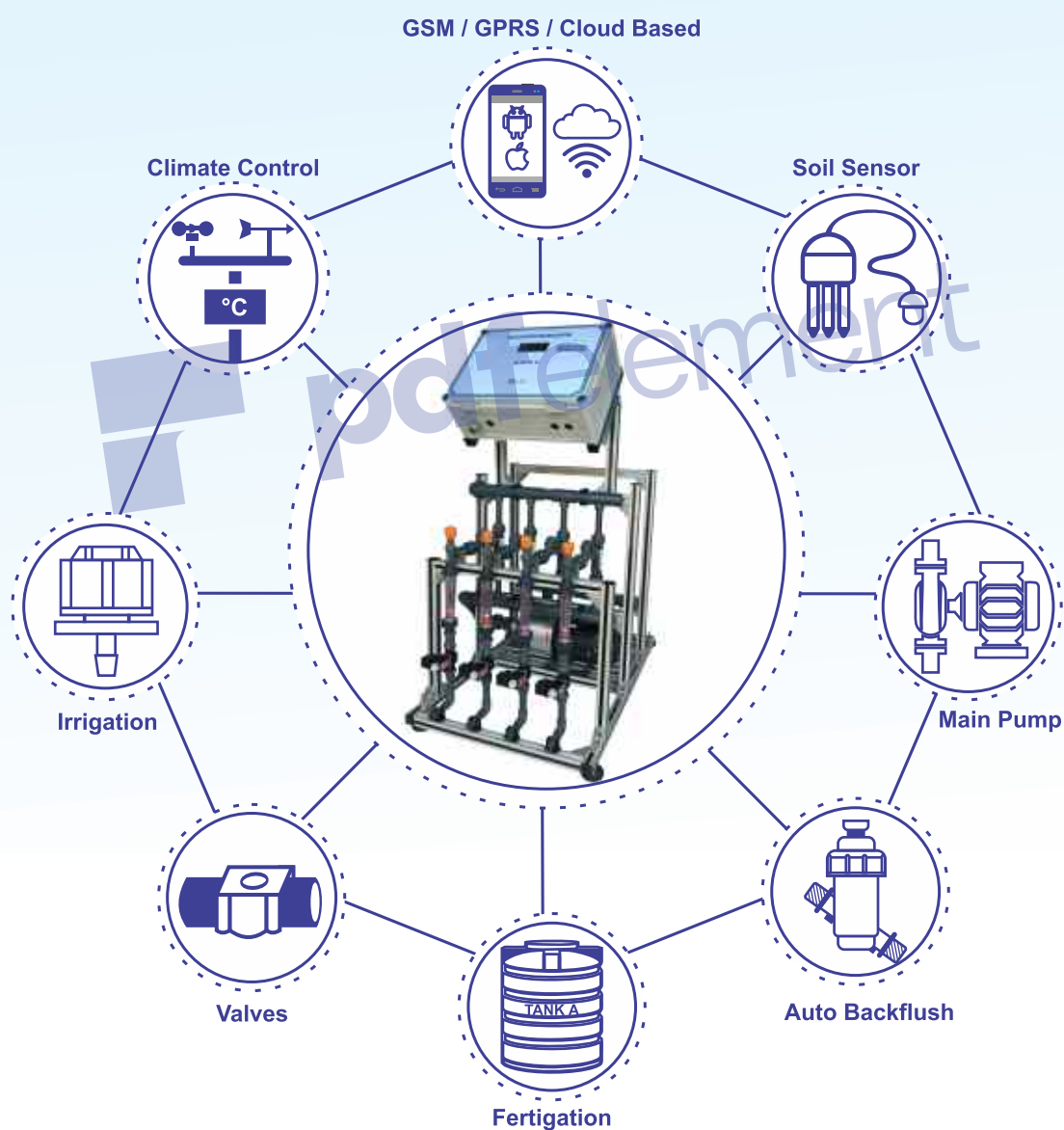


Irrigation Fertigation Climate Controller



We offer Irrigation Controllers with following:

Major Features:

- **Irrigation - By Volume & Time**
- **Fertigation-** Controls Local fertigation pump (Venturi pump), fertilizer valves / tanks resulting in better crop yield and saves crop from irrigation stress.
- **EC & pH based Fertigation-** EC & pH Monitoring and Control.
- **GSM / Cloud / Web Based Operation-** Farmer can operate entire system as well as, check, set/change schedules, status, from his home or anywhere in the world as far as he is connected.
- **Poly-House Automation-** Temperature & Humidity sensors to operate Foggers & Air Ventilation (Exhaust) fans in Greenhouses / Polyhouses.
- **Irrigation Backup-** Based on the available Electricity, the Controller Starts irrigation cycle instantly during anytime of the day (even during night hours) once power is restored. Hence no need for Multiple Start Cycles, Start Programs.

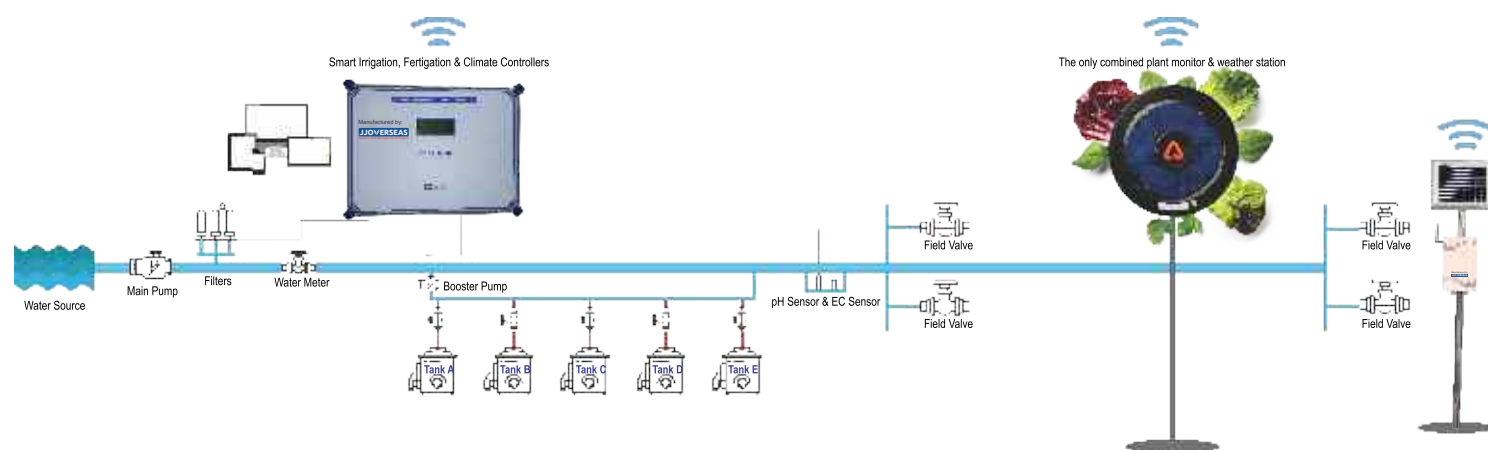
Advantages:

- Truly cost effective
- Reduced Water and Fertilizer usage
- Low maintenance & easy to replace parts
- Robust Design to suit unfavorable electrical conditions
- Reduces Energy costs, labour costs
- Operational during night hours also
- Designed for user friendly operation

Specifications:

MODEL	AJ-8	AJ-16	AJ-24	AJ-32	AJ-F
DEDICATED OUTPUTS:					
Max Output for Irrigation, Injectors & Foggers Valves	8	16	24	32	
Main Pumps for Irrigation & Fans	1	1	1	1	1+
Booster Pump	1	1	1	1	
Filter Back Flush	2	2	2	2	2+
DEDICATED INPUTS:					
Climate Control (Temperature + Humidity)	Upto 4	Upto 4	Upto 4	Upto 4	
pH Control & EC Monitoring	2	2	2	2	
Water Meter	1	1	1	1	1+
Pressure Switch	1	1	1	1	1+
Phase Failure Protection	1	1	1	1	1+
BASIC PROGRAMMING OPTIONS:					
Irrigation: Time Based	Yes	Yes	Yes	Yes	
Irrigation: Volume Based	Yes	Yes	Yes	Yes	
Fertigation Injector	Upto 4	Upto 4	Upto 4	Upto 4	
Acid Tank Injector	1	1	1	1	
Irrigation Program backup during Power Failure	Yes	Yes	Yes	Yes	
Cyclic Irrigation	Yes	Yes	Yes	Yes	
Individual Programming of each Valve per Day	Upto 4	Upto 4	Upto 4	Upto 4	
No. of Valve operation at once	Upto 4	Upto 4	Upto 4	Upto 4	
Pre & Post Irrigation	Yes	Yes	Yes	Yes	
Analytical Data History of One Month (Mobile APP Based)	Yes	Yes	Yes	Yes	
Alarm messages to GSM mobile	Yes	Yes	Yes	Yes	
Power On-Off Alert messages	Yes	Yes	Yes	Yes	Yes
Detection for Faulty Solenoid valves	Yes	Yes	Yes	Yes	Yes
Single phase & phase reversal protection	Yes	Yes	Yes	Yes	Yes
ADDITIONAL OPTIONS:					
Climate Control (Temperature + Humidity + Fans)	Yes	Yes	Yes	Yes	
EC & pH CONTROL	Yes	Yes	Yes	Yes	
Remote connectivity GSM / CLOUD / RF (Mobile APP Based)	Yes	Yes	Yes	Yes	
Soil Moisture / Tensiometer based Irrigation	Yes	Yes	Yes	Yes	
Crop Evapo-Transpiration Based Irrigation Scheduling	Yes	Yes	Yes	Yes	
Climate based controlling of other Automation items	Yes	Yes	Yes	Yes	

*Specifications are subject to changes without prior notice



Manufactured by:

JJOVERSEAS

Suppliers of Hi-Tech Agricultural Products

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