TUCOR INC™

AIC – AG Irrigation Controller

Smart Irrigation
From the Ground Up

(800) 272-7472
www.tucor.com

What if…

- you want to turn on a specific valve in a Program if it becomes too hot or too cold, and then send an email alarm?
- your filter reaches a pressure set point that requires a flush action while you are irrigating?
- you want to turn on chemical injection during a specific period in a Program, and record the volume used?
- you want to monitor the remaining fluid in a tank, then turn on a light and send an alarm when below a threshold?
- you need the flexibility of 1-5 pumps and 1-200 valves?

No problem for the AIC!

The Tucor® AIC combines traditional irrigation capability with the "what if" functions of a Programmable Logic Controller. You can easily control your irrigation programs based on tank levels, soil moisture sensors, or any 4-20 ma device on the market. Standard flow sensors can also modify your operations.

Multiple If / Then scenarios can be built on top of each other, with a previous operation in turn causing another reaction. Or if the initial event doesn't change, another operation can be performed.

Programming access is from any standard web browser. Real-time control of the AIC is performed the same way: turn on stations and programs just like you are in front of the controller. And check the AIC's operations in the monitoring data section.

The AIC may be used as both 2-wire and conventional valve output. Either way, the AIC is your key to flexible "What If…" irrigation operations.

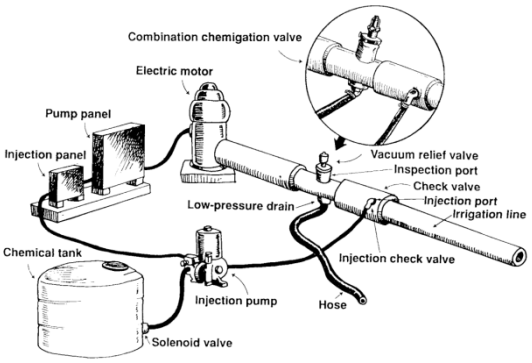
SPECIFICATIONS

Specifications

Available in 12, 24, 50, 100, 150, or 200 valve increments. Upgrade with keycode.
AIC output:
- 2-wire – decoder
- 2-wire to Super Decoders

Up to 200 Stations
Ten sensor inputs
Sensor types:
- 4-20 ma
- Flow sensors: pulse output, 10 – 200 Hz
- Contact

Fifteen simultaneous stations
Stations in any order
Five pump controllers
Sensor inputs via SD-100
Web-based monitoring data updated continuously, hourly, or daily



Requirements

RealNet subscription
Internet connectivity at the AIC using either:
LAN-200 (user's LAN via CAT-5)
WIN-100 (cellular wireless)
Computer's access to server using web browser, java-based

Options

Smart phone (second quarter 2012)
Weather Station

Ordering Configurations:
[Valves/Sensors]

AIC-12/10	AIC-100/10
AIC-24/10	AIC-150/10
AIC-50/10	AIC-200/10