



COM-25, COM-50 CONTROLLER

The COM controller comes in two versions: COM-25 for individual control of up to 25 valves or sensors and the COM-50 for up to 50 valves or sensors. It has all the features of the TWC-series apart from the number of simultaneously operated valves, which is limited to 5. It is designed specifically for remote control as all controls and display are removed, leaving just three LED indicators for a quick status review. The controller is programmed and can be monitored or operated through the serial port by PC-resident software. Additionally, the controller can be accessed through the built-in modem by standard phone lines or cellular connection. The COM controller can also be manually accessed and controlled locally using a PalmPilot® and Tucor PDA software.



COM-50

HARDWARE SPECIFICATIONS:

System Capacity: 25/50 decoders
Valves per Decoder: 1
Valves Operating Simultaneously: 5
Electrical Input: 24VAC, 60Hz
Transformer Rating: 50VA
Electrical Output: 33V square wave
Signal Cable: 18 gauge
Battery Backup: clock, calendar, decoder data and schedule data
Environmental: Indoor mounting only, 5°C to 30°C, 20 – 80% humidity.

SOFTWARE SPECIFICATIONS:

Irrigation Schedules: 5 + test
Start Times: Each schedule – 6 start times/day
Start Methods: Day & time, linked schedule
Timing: 0-999 minutes, in one minute steps
Program Cycle: 14 or 15 days
Operation: 60 steps
Dry Run: Total run time is displayed
Monitoring: Remaining time and system flow displayed
Pump Control: Full automatic control, main (1) and booster pump (up to 9)
Sensor Feedback: Rain and pump alarm, line conditions monitored and displayed
Trouble-shooting: Built-in test programs
Field Transmitter: Supports field access unit(s)
Remote Operations: PC via serial cable, modem, radio, cellular connection, LAN and internet
Local Operations: PalmPilot

ALARM & REPORTING CAPABILITIES:

Alarm to Call-Out

- Short Circuit
- Rain Detection
- Auxiliary Device Alarm

Alarm and Reaction

- Unscheduled flow (leak detection)
- System maximum flow
- Valve % over/under flow
- Identification of failed valves
- Pump minimum flow (auto shut down)
- External event management

Reports

- Capable of storing over 1000 events
- Microsoft Excel based reporting

ORDERING CONFIGURATIONS:

COM-25 25 Decoder Controller
COM-50 50 Decoder Controller