

# EZ DECODER SYSTEM

Bring two-wire technology to more projects than ever before with the revolutionary, low-cost, and hassle-free EZ Decoder System for Pro-C®, ICC2, and HCC controllers.

## KEY BENEFITS

- Number of stations:
  - Pro-C: Up to 32, plus master valve
  - ICC2/HCC: Up to 54, plus master valve
- No special wire or connectors required
- No special grounding or surge arrestors required in-line to maximize time and money savings during installation
- Programmable decoders with no need to input individual serial numbers
- P/MV can activate via the two-wire path for distant master valves
- Permits hybrid operations of side-by-side conventional and decoder stations for added flexibility
- EZ-1 decoders have built-in status LED for positive diagnostics

## OPERATING SPECIFICATIONS

- Electrical output on two-wire path: 24 VAC, 50/60 Hz
- Two-wire paths to the field:
  - EZ-DM: 2
  - PC-DM: 1
- Wire paths possible over 3,000' (see wiring chart below)
- Each EZ-1 decoder can activate two standard 24 VAC solenoids
- Operate any two decoders simultaneously for more efficient watering (ICC2 and HCC only)
- Approvals: UL, cUL, FCC, CE, RCM, Industry Canada
- EZ-1 decoders are IP68 rated, submersible
- Warranty period: 3 years

## USER-INSTALLED OPTIONS

- Centralus™ with ICC2
- Hydrawise® with HCC
- ICV or PGV valves
- Pump start relays (PSR)

### WIRING TABLE

American Wire Gauge	Distance, single solenoid (ft.)	Distance, 2 solenoids per output
18 AWG	908	454
16 AWG	1,446	723
14 AWG	2,292	1,146
12 AWG	3,650	1,825

#### Note

Distances in the Wiring Table are calculated based on 60 Hz for American Wire Gauge, with a wire temperature of 120°F and a 10% safety factor.

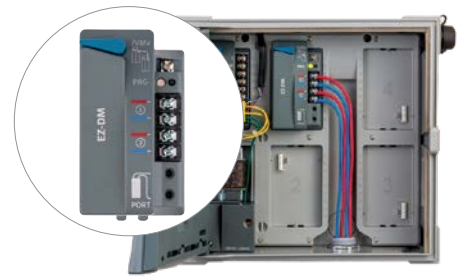
### DECODER MODELS

Model	Description
EZ-DM	Decoder output module for HCC and ICC2 controllers
PC-DM	Decoder output module for Pro-C controller
EZ-1	Single-station decoder with status LED



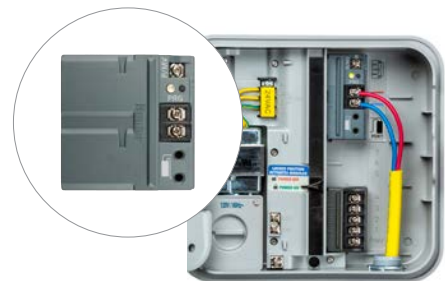
### Single-Station Decoder

Height: 2 $\frac{7}{8}$ "  
Width: 1 $\frac{5}{8}$ "  
Depth:  $\frac{5}{8}$ "



### Decoder Output Module

Height: 4 $\frac{1}{2}$ "  
Width: 2 $\frac{1}{2}$ "  
Depth: 1 $\frac{5}{8}$ "



### Pro-C Decoder Output Module

Height: 3"  
Width: 3"  
Depth: 1 $\frac{1}{4}$ "

Compatible with:



HCC Controller ICC2 Controller Pro-C Controller