EZDS DECODER SYSTEM

Platform: **HCC or ICC2**
Type: **Modular Decoder**

FEATURES

- Cost-effective two-wire system for HCC and ICC2 controllers
- Up to 54-station capacity, plus master valve
- No special wire or connectors required
- Allows hybrid operations of conventional and decoder stations (54 total stations max per controller)
- Programmable decoders with no serial numbers
- Wire paths possible for over 3,000'; see wiring table
- No special grounding or surge arrestors required in-line
- EZ-1 single-station decoders have status LED for positive diagnostics
- P/MV can be activated by decoder or direct controller output
- EZ-DM output module works in any controller module slot

ELECTRICAL SPECIFICATIONS

- Electrical output on two-wire path: 24VAC~, 50/60 Hz
- Up to two standard 24VAC solenoids per EZ-1 decoder output
- Simultaneous stations on: Two, plus master valve
- Wire paths to field: Two (each may be tee-spliced in different directions)
- Earth grounding: Ground controller as usual (none required in-line)
- System is compatible with DUAL-S surge arrestors if desired
- EZ-1 Decoders are IP68, submersible

COMPATIBLE CONTROLLERS

- HCC (including Hydrawise™ internet control)
- ICC2 (including Centralus™ internet control)

APPROVALS

- UL, c-UL, CE, RCM, FCC, Industry Canada

Decoder Output Module
Height: 4.5"
Width: 2.5"
Depth: 1.625"

Single-Station Decoder
Height: 2.875"
Width: 1.625"
Depth: 0.625"

Compatible with HCC Controller

Compatible with ICC2 Controller

WIRING TABLE

American Wire Gauge	Distance (Feet)
18 AWG	908
16 AWG	1,446
14 AWG	2,292
12 AWG	3,650

Note
Distances in the Wiring Table are calculated based on 60 Hz for American Wire Gauge, with wire temperature of 122°F and a 10% safety factor.

DECODER MODELS

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