

# ACC

Number of Stations: **12 to 42**  
Type: **Modular**

## FEATURES

- Number of stations: 12 to 42
- Type: Modular
- Enclosure: Outdoor plastic and stainless steel
- Independent programs: 6
- Start times per program: 10
- Max. station run time: 6 hours
- Built in Solar Sync®
- One touch manual start and advance
- Non-volatile memory
- Programmable rain delay
- Warranty period: 5 years
- ▶ Real time flow monitoring
- ▶ Solar Sync Delay
- ▶ Easy Retrieve™ memory
- ▶ Automatic short circuit protection
- ▶ Total run time calculator
- ▶ Seasonal Adjustment: Global, by Program, and/or by Solar Sync
- ▶ Delay between stations
- ▶ Sensor programmability
- ▶ Cycle and Soak
- ▶ No Water Window
- ▶ Simultaneous station groups

## ELECTRICAL SPECIFICATIONS

- Transformer input: 120/230 VAC, 50/60 Hz
- Max. AC Current Draw: 120 VAC, 2 Amps; 230 VAC, 1 Amp (max. computed with all programs running and optional accessories installed)
- Transformer output (24 VAC): 4.0 A
- Station output (24 VAC): 0.56 A
- P/MV output (24 VAC): 0.32 A
- P/MV: 2, normally-closed
- Sensor inputs: 4 + Flow

## APPROVALS

- CE, UL, cUL, C-tick, FCC
- Metal wall mounts: IP56
- Plastic pedestal: IP24

## ALL STAINLESS STEEL (SS) MODELS

- Stainless steel 1.45 mm gauge steel
- Passivated for corrosion resistance
- ▶ = *Advanced Feature descriptions on page 106*



**Metal Enclosures**  
(grey or stainless steel)  
Height: 31 cm  
Width: 39 cm  
Depth: 16 cm



**Metal Pedestals**  
(grey or stainless steel)  
Height: 92 cm  
Width: 38 cm  
Depth: 13 cm

**Plastic Pedestal**  
Height: 99 cm  
Width: 61 cm  
Depth: 43 cm



**A2M-600**  
Standard 6-station expansion module with extreme service lightning protection.

ACC	
Model	Description
ACC-1200	12-station base unit controller, expands to 42-station, metal cabinet
ACC-1200-SS	12-station base unit controller, expands to 42-station, stainless steel wall mount cabinet
ACC-1200-PP	12-station base unit controller, expands to 42-station, plastic pedestal
ACC-PED	Metal pedestal, grey powder-coated, for use with I-Core and ACC metal controllers
PED-SS	Stainless steel pedestal for use with I-Core and ACC stainless steel controllers

STATION EXPANSION MODULES	
Modules	Description
A2M-600	6-station plug in expansion module with extreme service lightning protection

CONTROLLERS

# ACC-99D

Number of Stations: **1 to 99**  
Type: **Decoder**

## FEATURES

- Includes all features of the ACC controller, plus decoder operations
- Built-in Solar Sync®
- Decoder station sizes available: 1, 2, 4, 6
- Sensor decoder available with Flow and Clk inputs
- Max. recommended distance, decoder to solenoid: 45 m
- ICD-HP wireless handheld programmer compatible
- Two-way communications
- Surge suppression: Internal (ground wire included)
- Dual P/MV outputs may be assigned to decoders
- Wire path connectors included with each decoder
- Number of wire paths: 6
- Automatic daily weather-based scheduling with optional Hunter Solar Sync sensor
- ▶ Seasonal Adjustment: Global, by Program, or Solar Sync
- ▶ Programmable decoders
- ▶ Solar Sync Delay



### ICD-100, 200, ICD-SEN

Height: 92 mm  
Width: 38 mm  
Depth: 12.7 mm

### ICD-400, 600

Height: 92 mm  
Width: 46 mm  
Depth: 38 mm

## ELECTRICAL SPECIFICATIONS

- Transformer input: 120/230 VAC, 50/60 Hz
- Max. AC Current Draw: 120 VAC, 2 Amps; 230 VAC, 1 Amp (max. computed with all programs running and optional accessories installed)
- Transformer output: 24 VAC, 4 A, at 120 VAC
  - Decoder Line (path) output: 34 V peak-to-peak
  - Decoder Power draw: 40 mA per active output
  - Solenoid capacity: 2 standard 24 VAC Hunter solenoids per output within 45 m runs, up to 14 solenoids max. simultaneous
- Wiring, Decoder to solenoid: 45 m max.
- 6 two-wire output paths to field decoders
- Diagnostic LEDs with line status, signal activity, decoder and status
- ▶ = *Advanced Feature descriptions on page 106*

### ID WIRE MODEL GUIDE

2 mm <sup>2</sup> Decoder Cable		3,3 mm <sup>2</sup> Long Range, Heavy-duty Decoder Cable	
ID1GRY	Grey jacket	ID2GRY	Grey jacket
ID1PUR	Purple jacket	ID2PUR	Purple jacket
ID1YLW	Yellow jacket	ID2YLW	Yellow jacket
ID1ORG	Orange jacket	ID2ORG	Orange jacket
ID1BLU	Blue jacket	ID2BLU	Blue jacket
ID1TAN	Tan jacket	ID2TAN	Tan jacket

### ID WIRE MAXIMUM WIRE RUNS

ID 1 Wire	ID 2 Wire
1500 m with I-Core®/DUAL® systems	2300 m with I-Core/DUAL systems
3 km with ICD systems	4.5 km with ICD systems

### ACC-99D DECODER

Model	Description
ACC-99D	2-Wire decoder controller with 99-station capacity, metal cabinet
ACC-99D-SS	2-Wire decoder controller with 99-station capacity, stainless wall mount
ACC-99D-PP	2-Wire decoder controller with 99-station capacity, plastic pedestal
ACC-PED	Metal pedestal, grey powder-coated, for use with I-Core and ACC metal controllers
PED-SS	Stainless steel pedestal for use with I-Core and ACC stainless controllers

### DECODER MODELS

Model	Description
ICD-100	Single-station decoder with surge suppression and ground wire
ICD-200	2-station decoder with surge suppression and ground wire
ICD-400	4-station decoder with surge suppression and ground wire
ICD-600	6-station decoder with surge suppression and ground wire
ICD-SEN	2-input sensor decoder with surge suppression and ground wire