

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
- ▶ Seasonal Adjustment: Global, by Program, and/or by Solar Sync
- ▶ Delay between stations
- ▶ Sensor programmability
- ▶ Cycle and Soak
- ▶ No Water Window
- ▶ Simultaneous station groups



Metal Enclosures

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



Metal Pedestals

(grey or stainless steel)
Height: 94 cm
Width: 39 cm
Depth: 13 cm



Plastic Pedestal

Height: 97 cm
Width: 55 cm
Depth: 40 cm

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
- Operating temperature: -18° C to 60° C

APPROVALS

- CE, UL, cUL, C-tick, FCC
- Metal wall mounts: IP-56
- Plastic pedestal: IP-24

ALL STAINLESS STEEL (SS) MODELS

- American-made Type 304 Stainless Steel 1.45 mm gauge steel
- Passivated for corrosion resistance
- ▶ = *Advanced Feature descriptions on pages 95 and 96*



ACM-600

Standard 6-Station output module with heavy-duty surge protection



AGM-600

Optional Extreme Service high-lightning 6-Station output module

CONTROLLERS

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
ACM-600	6-Station plug-in module for use with the ACC-1200 series controllers
AGM-600	6-Station plug-in module for use with the ACC-1200 series controllers (extreme service lightning protection version)

ACC Controller



Loaded with Potential

ACC is ready to accept a variety of accessories to save time, money, and water. Plug in ROAM or ROAM XL for remote control of stations and programs. Connect the Hunter Flow-Sync® to measure and monitor actual flow. Attach a Solar Sync® sensor to automatically adjust watering amounts for local climate conditions (and provide rain shutoff). Put all of ACC's onboard intelligence to work for you with these innovative optional solutions.



Solar Sync®

The ACC controller uses its programmed run time and adjusts to Solar Sync's seasonal adjustment value to modify the actual irrigation run time.



ROAM XL / ROAM

These compact, high-powered remotes can be carried from job to job and used to remotely access any Hunter controller that has a SmartPort® connector.



Flow-Sync®

A proven water saver, the Flow-Sync connects to the ACC controller to measure actual flow, and provides automatic reaction to high or low flow conditions during irrigation.

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, and/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
- 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 (includes DUAL® P/MV outputs)
- 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 pages 95 and 96*

ID WIRE MODEL GUIDE

2 mm ² Standard Decoder Cable		3,3 mm ² 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 DUAL systems	2300 m with 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

CONTROLLERS