

Hunter®

ACC2

RESIDENTIAL & COMMERCIAL IRRIGATION
Built on Innovation®



Powerful.
Intelligent.
Flexible.

The reversible facepack has a full-color, easy-to-read backlit display, and is fully operational in either position, allowing programming and diagnostics while facing the modules and wiring.



Electrical Specifications

- Transformer input: 120/230 VAC
- Power consumption:
 - 120 VAC, standby: 0.17 A, typical (6 solenoids): 0.33 A, max: 1.02 A
 - 230 VAC, standby: 0.15 A, typical (6 solenoids): 0.26 A, max: 0.62 A
- Transformer output: 4 A
- Station output: Up to 0.800 A each
- P/MV outputs: 3, expandable to 6, 0.800 A each
- Sensor inputs: 3 Clik, 3 Flow (expandable to 6), 1 Solar Sync®

Approvals

- CE, UL, c-UL, RCM, FCC
- Enclosure ratings:
 - Steel, IP44
 - Plastic Pedestal, IP24

ACC2

Powerful. Intelligent. Flexible.

Hunter's new ACC2 controller delivers advanced water management capabilities to meet the complex demands of large-scale commercial projects.

At its core, the ACC2 has a *powerful* transformer that allows it to safely run up to 14 valves simultaneously, bringing maximum efficiency to large watering schedules. The ACC2 can be configured for any commercial project, from 12 to 54 stations, with up to 6 flow meter inputs, and up to 6 pump/master valve outputs.

The ACC2 has built-in *intelligence*, with the ability to maintain preset flows on up to 6 flow zones simultaneously. It continually monitors the system for breaks, leaks, and electrical faults, interrupting irrigation and pinpointing the source should problems arise. It can even respond to sensor input with specific actions like switching water supplies when water levels drop, initiating a program when soil moisture is low, and other creative special applications.

The ACC2 offers extreme *flexibility* with 32 independent programs, 10 start times, and a variety of overlapping, stacking, and flow management configurations. Innovative Conditional Response features allow sensor inputs and other conditions to automatically take pre-programmed actions, such as starting stations and programs, or switching water sources, for specialty solutions.



Features and benefits

The spacious wiring compartment features tool-less module expansion or replacement, captive screws for service, and an enormous power supply with integrated on/off power switch.

- Number of stations: Up to 54
 - Independent programs: 32
 - Start times per program: 10
- Station run times: 1 second to 12 hours
- Type: Modular, expansion modules in 6-station increments, with heavy-duty surge suppression
- Enclosures: Outdoor, metal, stainless steel, and plastic pedestal
- Warranty period: 5 years

ACC2

Model	Description
A2C-1200-M	12-station gray steel wall mount, outdoor
A2C-1200-SS	12-station stainless steel wall mount, outdoor
A2C-1200-PP	12-station plastic pedestal
A2M-600	6-station output module
A2C-F3	3 input flow meter expansion module
ACC-PED	Gray metal pedestal, for A2C-1200-M
PED-SS	Stainless steel pedestal for use with A2C-1200-SS
A2C-WIFI	Internal Wi-Fi module



Metal Wall Mount

gray or stainless

Height: 15.7" (40 cm)

Width: 15.7" (40 cm)

Depth: 6.8" (18 cm)



Metal Pedestal

gray or stainless

Height: 37" (94 cm)

Width: 15.5" (39 cm)

Depth: 5" (13 cm)



Plastic Pedestal

Height: 39.5" (100 cm)

Width: 23.5" (60 cm)

Depth: 17" (43 cm)

Advanced Features

- Pre-wired SmartPort® for remote control
- Built-in Solar Sync®/Solar Sync Delay/Rain-Delay
- Flow management (automatically operates stations to user programmable flow target)
- Real-time flow monitoring of up to 6 flow zones
- Flow budgeting for monthly usage limits
- MainSafe™ water source protection
- 8 Station Block programming groups (up to 64 available)
- Built-in SD card reader
- Current sensing electronics mean no artificial programming limits
- Conditional Response Programming to start special programs on sensor input
- Calendar days off, by date
- Password protection with user management
- Easy Retrieve® memory backup
- Cycle and Soak
- Delay between stations

Advanced Flow Management

The ACC2 includes a suite of flow management features for up to 6 separate flow zones, including flow scheduling (to a specific flow rate), and real-time flow monitoring for the ultimate in system protection. Water source monitoring allows a new and separate level of security above the flow zone level, including mainline protection and monthly budgeting.

- Includes 3 flow inputs and 3 pump/master valve outputs, both expandable to 6
- Full normally open and normally closed P/MV support
- Flow scheduling in up to 6 flow zones (automatically operates stations to user programmable flow target)
- Real-time flow monitoring of up to 6 flow zones
- Max flow and unscheduled flow alarms and allowances for manual watering
- Flow budgeting for monthly usage limits
- MainSafe™ master water source programming to protect long mainline runs
- Expanded range of compatible flow sensors

Modules



A2M-600
6-station expansion
module with advanced
surge suppression



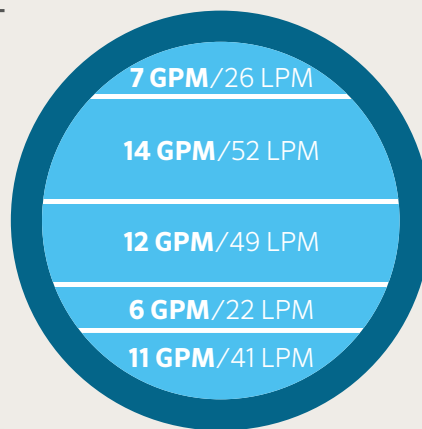
A2C-F3
3 input flow meter
expansion module

2"/50 mm pipe

Flow target:

50 GPM/190 LPM

Velocity: 5 fps/1.5 mps



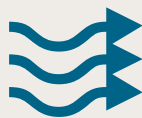
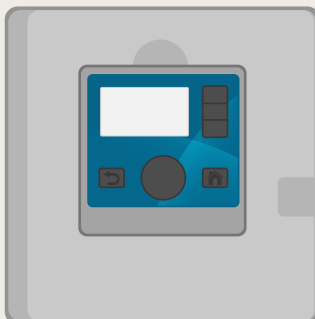
Station 6

Station 11

Station 15

Station 23

Station 24



Flow manager schedules stations on by flow, to stay as close as possible to the flow target.

Flow manager gets the most watering completed in the shortest possible window, while maintaining safe velocities.



Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

A stylized, handwritten signature in white ink, appearing to read "G. R. Hunter".

Gregory R. Hunter, President of Hunter Industries

Website hunterindustries.com | **Customer Support** 760-744-5240 | **Technical Service** 760-591-7383

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