ACC2

Next-Generation Commercial Controller

Hunter®

Powerful.
Intelligent.
Flexible.
Connected.

ACC2 *Powerful. Intelligent. Flexible. Connected.*

The revolutionary ACC2 Controller from Hunter Industries delivers advanced water management capabilities to meet the complex demands of large-scale commercial projects.

At its core, the ACC2 Controller 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 six flow meter inputs and six pump/master valve outputs.

It continually monitors the system for breaks, leaks, and electrical faults, pinpointing the source should problems arise. The ACC2 offers extreme flexibility with 32 in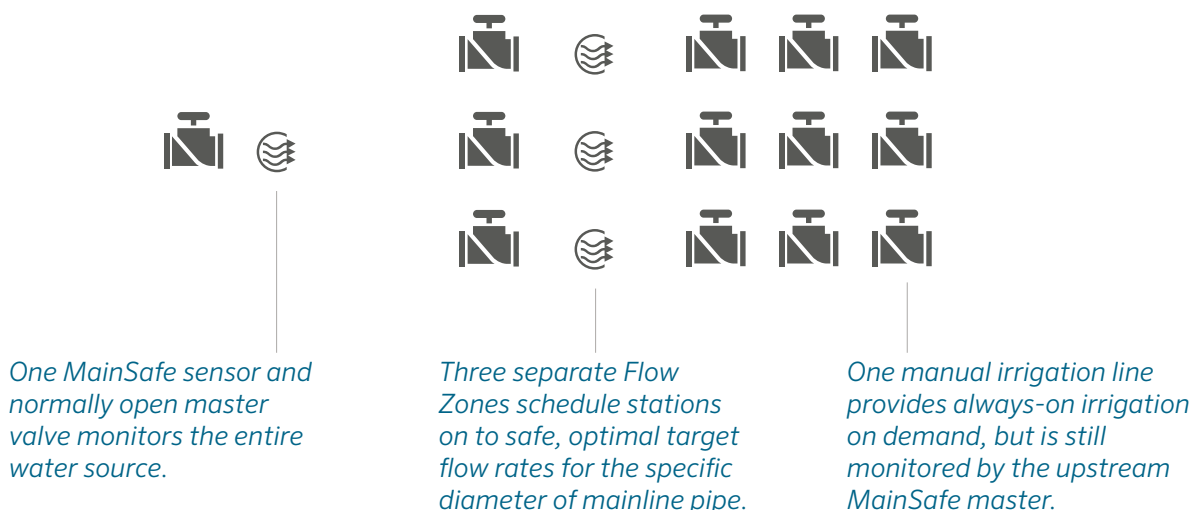dependent programs, 10 start times, and a variety of overlapping, stacking, and flow management configurations. Innovative Conditional Response features allow sensor inputs and other conditions to automatically take preprogrammed actions, such as starting stations and programs or switching water sources, for specialty solutions.

Now available with a variety of communication options for the cloud-based Centralus™ Irrigation Management Platform, the ACC2 Controller is truly second to none.

Flow Management

The ACC2 Controller offers a suite of flow management features for up to six separate flow zones, including flow scheduling and real-time flow monitoring for the ultimate in system protection.

- Includes three flow inputs and three P/MV outputs, both expandable to six
- Full normally open and normally closed P/MV support
- Flow scheduling in up to six flow zones (automatically operates stations to user programmable flow target)
- Real-time flow monitoring of up to six flow zones

- Max flow and unscheduled flow alarms and allowances for manual watering
- MainSafe®z master water source programming to protect long mainline runs
- Expanded range of compatible flow sensors

One MainSafe sensor and normally open master valve monitors the entire water source.

Three separate Flow Zones schedule stations on to safe, optimal target flow rates for the specific diameter of mainline pipe.

One manual irrigation line provides always-on irrigation on demand, but is still monitored by the upstream MainSafe master.

Key Benefits

The spacious wiring compartment features toolless module expansion or replacement, captive screws for service, and an enormous power supply with a fully 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, plastic wall mount, 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-P	12-station plastic wall mount
A2C-1200-PP	12-station plastic pedestal
A2M-600	6-station output module
A2C-F3	3-input flow meter expansion module
A2C-PED	Gray metal pedestal for use with A2C-1200-M
PED-SS	Stainless steel pedestal for use with A2C-1200-SS
A2C-LEDKT	External status indication light kit

ACC2 COMMUNICATION OPTIONS	
Model	**Description**
A2C-WIFI	Wi-Fi communication module for 2.4 GHz wireless connections
A2C-LAN	Ethernet (LAN) communication module for direct RJ-45 network connections
A2C-LTEM*	ACC2 cellular connection module, North America

*Monthly data plan required

Metal Wall Mount
Gray or stainless
Height: 15⁷⁄₁₀"
Width: 15"
Depth: 6⁴⁄₅"

Plastic Wall Mount
Height: 16³⁄₈"
Width: 16½"
Depth: 6⁵⁄₈"

Metal Pedestal
Gray or stainless
Height: 37"
Width: 15½"
Depth: 5"

Plastic Pedestal
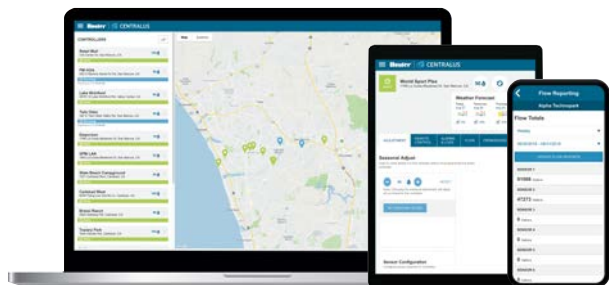Height: 39½"
Width: 23½"
Depth: 17"

Advanced Features

- Prewired SmartPort® Wiring Harness 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 six flow zones
- Flow budgeting for monthly usage limits
- MainSafe Technology water source protection
- 8 Station Block programming groups (up to 64 available)
- High visibility multi-language display

- Compatible with Centralus web-based control systems
- Current sensing electronics mean no artificial programming limits
- Conditional Response Programming to start special programs on sensor input
- Calendar days off by program
- Password protection with user management
- Easy Retrieve® Memory backup
- Cycle and Soak to minimize runoff
- Delay between stations for slow-closing valves

CLOUD *Management*

with the Centralus Platform

Keep track of irrigation on the go! Add web-based central and mobile control to ACC2 Controllers with simple plug-in communication modules.

- Clean, simple web application with screens that fit any smart device (desktop, phone, tablet)
- Instant map-based overviews of all controller statuses
- Browser-based remote control and programming
- Remote adjustment, system on/off commands, or timed shutdowns
- Solar Sync Sensor integration for automatic, climate-adjusted water savings

- Proactive forecast adjustments for additional water savings
- View real-time flow by sensor and flow total reporting
- Text notifications of controller alarms to your phone
- Crewmember sharing and management

Learn more. Visit hunter.info/centralushome

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: ~3 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, cUL, RCM, FCC
- Enclosure ratings:
  - Steel: IP55
  - Plastic pedestal: IP24
  - Plastic wall mount: IP55

look for WaterSense

EPA WaterSense®
Add the WaterSense-labeled Solar Sync Sensor to improve the water efficiency of this controller.

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.

Gene Smith, President, Landscape Irrigation and Outdoor Lighting

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