

# MCC CONTROLLER

All-in-One Control for Large Landscapes

**Hunter**<sup>®</sup>



# PROVEN TECH, EXPANDED POTENTIAL

**Take charge of large landscapes with the MCC Controller.** Designed for easy adaptability, it powers up to 108 stations and streamlines flow monitoring with three sensor inputs. It also gives you a clear, intuitive interface in your preferred language.

Use conventional wiring, two-wire EZ Decoders, and Wireless Valve Links in any combination to build the exact system your site needs. Positioned between Hunter's budget-friendly ICC2 and advanced ACC2 Controllers, the MCC delivers serious control, smarter workflows, and standout value for projects of any size.

Designed to push the limits of commercial irrigation, the MCC pairs flexible configurations with powerful flow-management features to give you greater control and design freedom on every project.



## Flow Monitoring

With up to three flow sensors and the same flow engine as the ACC2, the MCC tracks water use to automatically detect and prevent leaks. It also includes three master valve outputs.



## Easy Expansion

The MCC scales with your projects, expanding from 8 to 108 stations with plug-in modules (backward-compatible with ICC2 and HCC Controllers) to support a wide range of applications.



## Hybrid Operation

The MCC supports Wireless Valve Links alongside conventional wiring and two-wire EZ Decoders. It can also host two or more Repeaters to extend radio coverage for reliable operation.\*



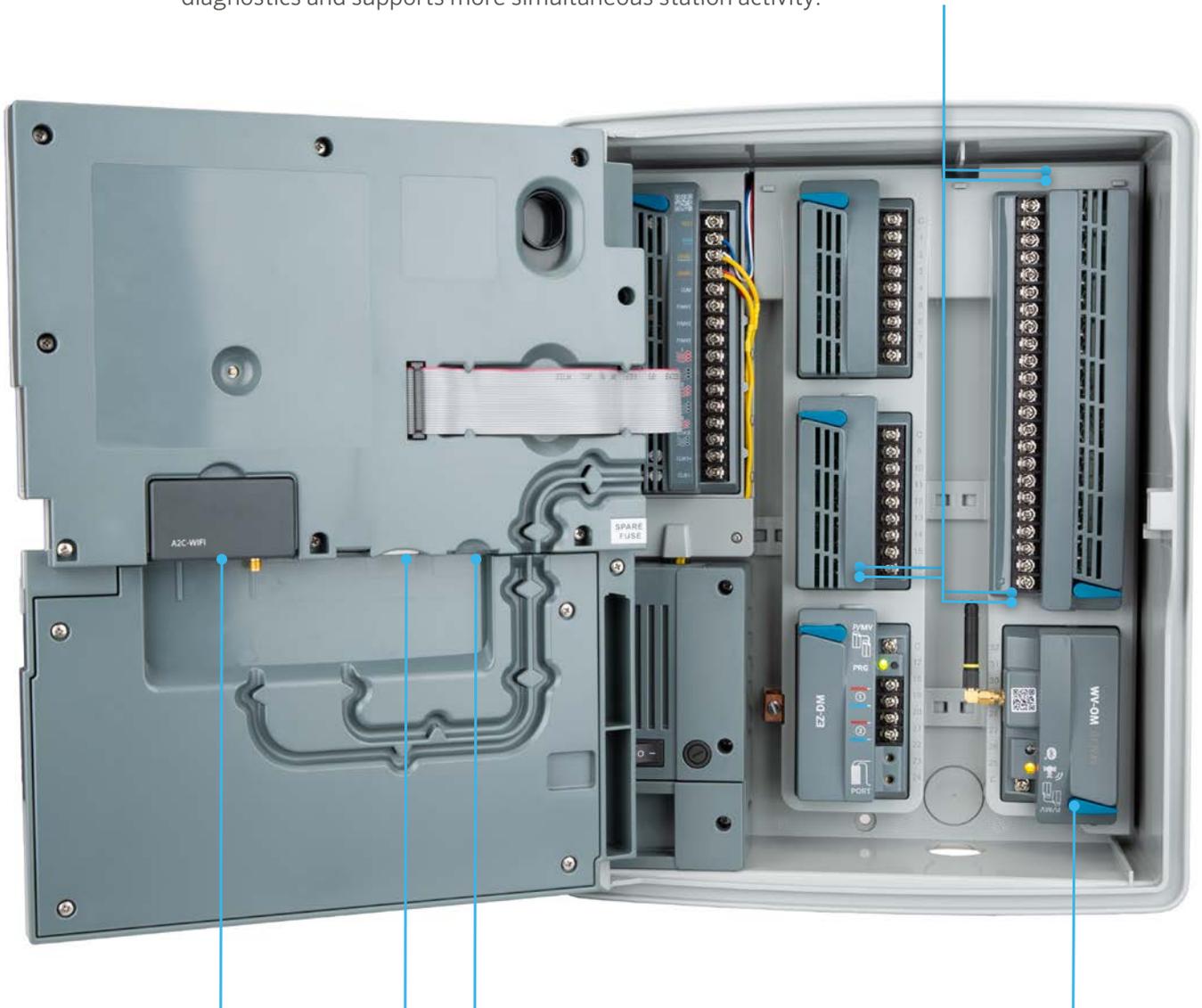
## Centralus™ Ready

Using common Wi-Fi, Ethernet (LAN), and Cellular modules shared with the ACC2, the MCC connects easily to the web-based Centralus Platform. Use your smartphone to manage systems remotely.

# Do More with the Modules *You Already Know*

The MCC fully supports the use of two or more Repeaters for expanded coverage, with two or more WVOM Modules set to different channels.

**The MCC Controller works seamlessly with enhanced ICM, EZ-DM, and WVOM Output Modules** to unlock powerful new capabilities while remaining backward-compatible with ICC2 and HCC Controllers. With stronger two-way connections to the facepack and improved power handling, it delivers enriched diagnostics and supports more simultaneous station activity.



For easy connectivity, the MCC uses the same **Wi-Fi, Ethernet, and Cellular communication modules as the ACC2**. Additional features include a built-in power switch, SD card reader, replaceable clock backup battery, and a separate mounting plate for fast, clean installation.

The MCC supports multiple WVOMs with **multiple Repeaters\*** for wider, more reliable **radio coverage**. The MCC Power Module adds three P/MV outputs, two flow sensor inputs, and a selectable port for an additional Flow, Klik, or Solar Sync® Sensor.

## Features

- Commands up to 108 stations, including conventional, two-wire, and wireless outputs
- All enhanced modules are backward-compatible with ICC2 Controllers for quick updates to older systems
- 16 automatic programs with 10 start times each offer precise plant management
- Block programming (up to 64 blocks) groups stations and consolidates large systems
- Up to 8 simultaneous solenoids

## Advanced Features

- 3 pump/master valve outputs
- 1 Klik and 2 Flow Sensor inputs, plus 1 additional custom sensor input (Klik, Flow, or Solar Sync)
- Solar Sync Sensor input (selectable) maximises water savings
- Real-time flow monitoring enables leak detection and station-level response
- Flow management supports high-volume irrigation in tight watering windows at safe velocities
- Modular expansion up to 108 stations with EZ Decoders and/or Wireless Valve Links
- Preinstalled SmartPort® Wiring Harness provides instant remote control via ROAM or ROAM LR Remotes
- Conditional response programming and two-level password protection
- Easy Retrieve® Memory provides one-touch backup of all programming and device settings
- Includes language-selectable, high-visibility display
- Internet/network compatible with Wi-Fi, LAN, or Cellular connections
- Warranty period: 5 years

## Electrical Specifications

- Transformer input: 120/230 VAC, 50/60 Hz
- Max AC current draw: 120 VAC, 2 A; 230 VAC, 1 A
- Transformer output: 3 A
- P/MV outputs (24 VAC): 800 mA

## Communication Options

- Wi-Fi: 2.4 GHz, 802.11n
- LAN: Ethernet RJ-45, 100 Mbps
- Cell: 4/5G LTE

## Approvals

- UL, CE, cUL, RCM, FCC

## Enclosure ratings

- Wall mount: IP55
- Plastic pedestal: IP34

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## MCC CONTROLLER

Model	Description
MCC-800-P	MCC Controller, 8-station base model, plastic wall mount cabinet
MCC-800-M*	MCC Controller, 8-station base model, metal wall mount cabinet
MCC-800-SS*	MCC Controller, 8-station base model, stainless steel wall mount cabinet
MCC-800-PP	MCC Controller, 8-station base model, plastic pedestal
MCC-800-SBKT	MCC Controller StrongBox Kit, for SB16SS stainless steel pedestal installations

## EXPANSION MODULES AND ACCESSORIES

Model	Description
ICM-800	Output Module for HCC, ICC2, and MCC Controllers, 8-station
ICM-2200	Output Module for HCC, ICC2, and MCC Controllers, 22-station
EZ-DM	EZ Decoder Output Module for HCC, ICC2, and MCC Controllers, up to 54 stations (or up to 108 stations in MCC)
A2C-WIFI	ACC2 and MCC Wi-Fi Communication Module for Centralus Software
WVOM-E*	Wireless Valve Output Module for use with Wireless Valve Link System for ICC2, HCC, and MCC Controllers
A2C-LAN	ACC2 and MCC LAN (Ethernet) Communication Module for Centralus Software
A2C-LTEM	Cellular Communication Module (4G LTE) for ACC2 and MCC Controllers (monthly service plan required)
RPT-E*	Battery-operated Wireless Solar Repeater for WVL range extension
ANT-EXT-KIT	Universal Antenna Extension Kit for Wi-Fi, Cellular, and LoRa® communication hardware (2 m cable and mounting hardware)
ICC-PED	Grey metal pedestal for use with matching grey metal HCC, ICC2, and MCC Controllers
ICC-PED-SS	Stainless steel pedestal for use with matching stainless steel HCC, ICC2, and MCC Controllers

\* Each Wireless Valve Output Module (WVOM) supports two or more Repeaters, which can be set to different channels via the Hunter WVL Bluetooth App.



[hunter.info/MCCem](https://hunter.info/MCCem)

**Website** [hunterirrigation.com/en-metric](https://hunterirrigation.com/en-metric) | **Customer Support** +1-760-752-6037

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.

Denise Mullikin, President, Landscape Division

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