

The **RMS Series 200 Rainwater Harvesting Controller** is specifically designed to operate the RMS Rainwater Management Solutions Rain Harvesting System. This controller regulates the rainwater collection system, monitors and controls the system and provides data on the performance of the system.

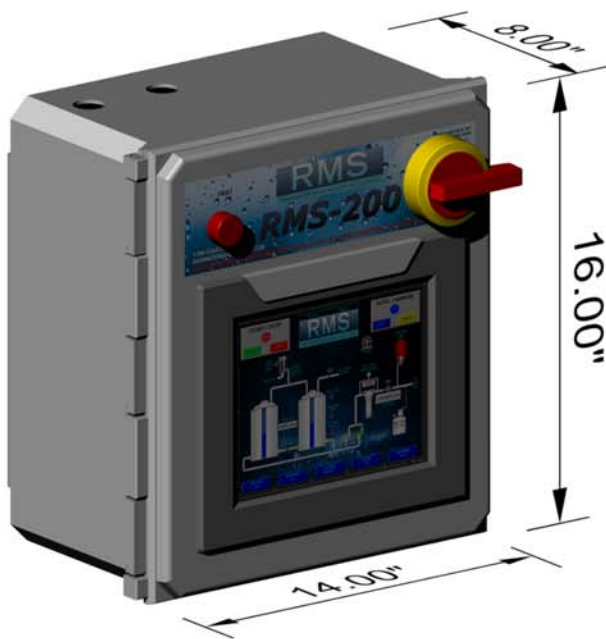
The RMS Series 200 Controller displays all of the information on an intuitive 10 inch color touch screen display. Each RMS Series 200 controller is fully customizable for a project's specific needs.

Communications for building automation systems are available via a RS-232 connection and MODBUS RTU protocol. Alarms are provided to warn against failures or needed maintenance.



ENCLOSURE GENERAL SPECIFICATIONS:

- **Overall Dimensions:** 16" x 14" x 8" fiberglass enclosure rated NEMA 4X
- **Operating Temperature:** 0-50° C
- **Relative Humidity:** 10-95% (non condensation)
- Pad-lockable disconnect switch
- Red LED/buzzer for local alarm indication
- All circuit breaker construction (no fuses to replace)
- All electrical connections made via triple deck screw terminal block in inside enclosure



TOUCH SCREEN:

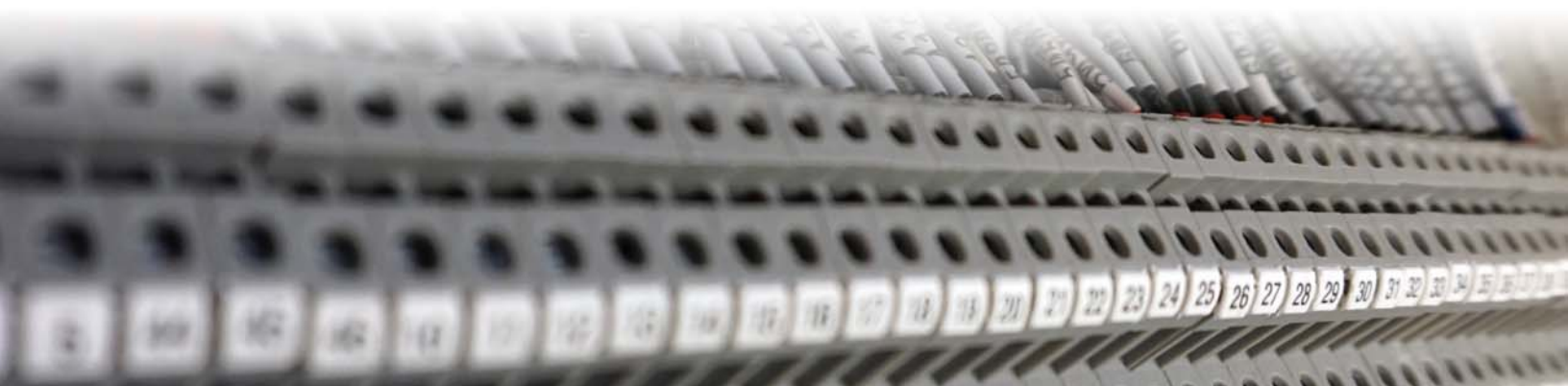
- TFT type color touch screen
- Resolution: 800 x 600 (SVGA)
- White LED backlight
- Touch-resistive analog

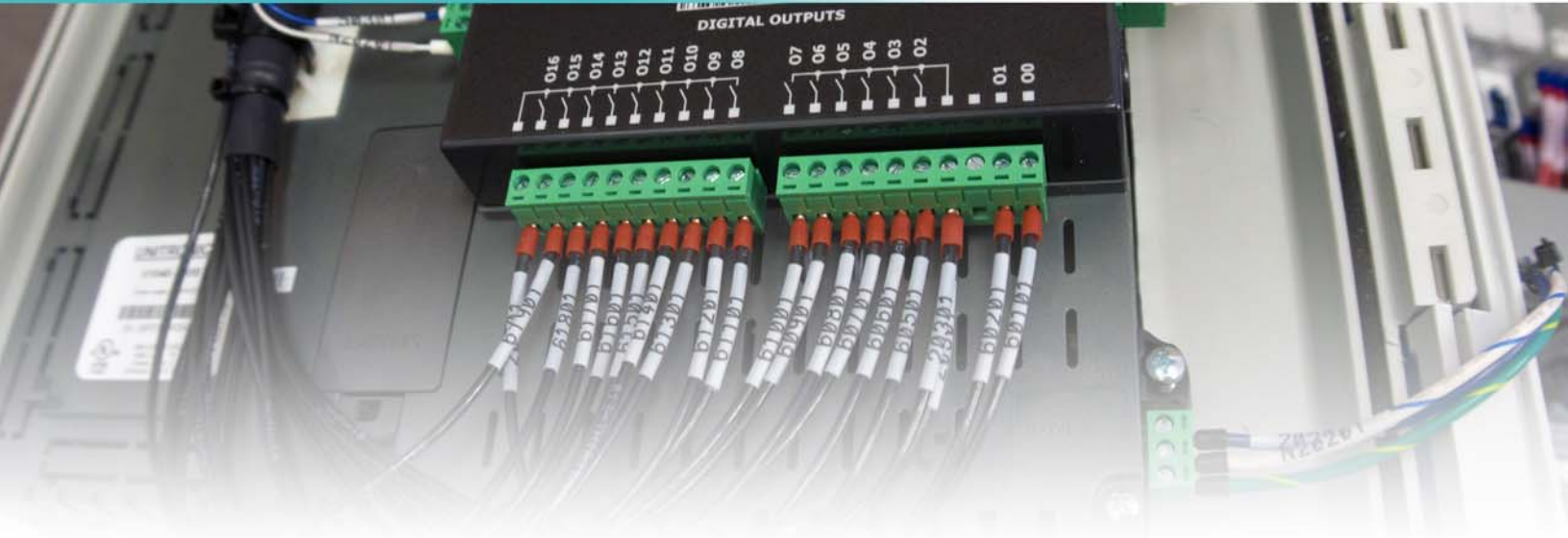
COMMUNICATION:

- RS-232 RJ11 Connector
- Communication with building automation via MODBUS RTU

HARDWARE INPUTS/OUTPUTS:

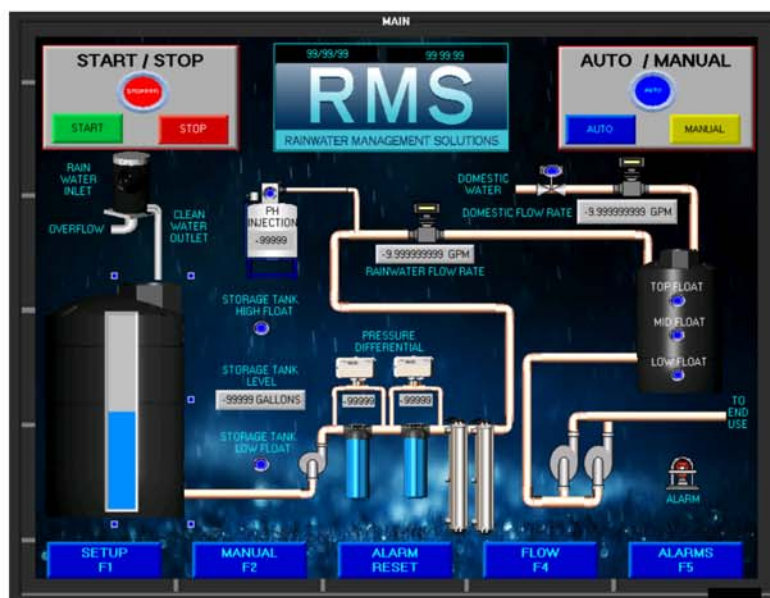
- Hardware inputs and outputs can be customized to meet project needs
- Analog inputs: 4 (max)
- Digital inputs: 16 (max)
- Analog outputs: 4 (max)
- Digital outputs: 16 (max)





CONTROLLER CUSTOMIZATION:

- Main screen shows all components and their status
- Setup screen to set all component parameters as necessary
- Manual screen allows user to control outputs manually and view the status of the input simultaneously
- Flow screen to show all flow rates (current and totalized)
- Alarm Screen to show fault status on the system – allows alarms to be acknowledged



(sample screen)