

Installation Instructions

Anthem+™ System Controller Module

Record your model number:
Noter le numéro de modèle:
Anoté su número de modelo: _____

Français, page 9
Español, página 18

KOHLER®

Thank You for Choosing KOHLER

Need help? Contact our Customer Care Center.

- USA/Canada: 1-800-4KOHLER (1-800-456-4537) Mexico: 001-800-456-4537
- Service parts: kohler.com/serviceparts
- Care and cleaning: kohler.com/clean
- Patents: kohlercompany.com/patents

Warranty









This product is covered under the KOHLER® **Electronic Faucets, Valves, and Controls Five-Year Limited Warranty**, found at kohler.com/warranty. For a hardcopy of warranty terms, contact the Customer Care Center.


IMPORTANT INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS


SAVE THESE INSTRUCTIONS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

-  **WARNING: Risk of electric shock.** Grounding is required. The unit should be installed and grounded by a qualified service representative.
-  **WARNING: Risk of electric shock.** A qualified electrician should route all electrical wiring.
-  **WARNING: Risk of electric shock.** Disconnect the power before servicing.
-  **WARNING: Risk of injury.** This device is not intended for use by persons (including children) with different or reduced physical, sensory, or mental abilities, or who lack experience or knowledge, unless they are under the supervision of or receive training for the use of the device by a person responsible for their safety. Children should be supervised to ensure that they do not use this device as a toy.
-  **WARNING: Risk of injury.** Never remotely operate or alter this product if the system is in use by another person.
-  **WARNING: Risk of injury or property damage.** Read all instructions thoroughly before beginning installation.
-  **WARNING: Unauthorized modification may cause poor performance and will void the warranty.** Do not make modifications to the product other than instructed by this guide, as this could adversely affect product performance. Kohler Co. shall not be liable under its warranty or otherwise for personal injury or damage caused by any such unspecified modification.
-  **CAUTION: Risk of scalding.** Always check that the water temperature is safe before bathing or showering.

 **CAUTION: Risk of product damage.** Do not operate the product if the product is thought to have been exposed to freezing conditions.

 **CAUTION: Risk of product damage.** Do not use attachments that are not recommended by the manufacturer.

 **CAUTION: Risk of injury or property damage.** Do not operate the product if water is leaking from inside the valve module.

NOTICE: Some electrical codes require a circuit protected by a Ground-Fault Circuit-Interrupter (GFCI)*.

NOTICE: Provide unrestricted service access to the controller.

Follow all local plumbing, building, and electrical codes.

*Outside North America, this may be known as a Residual Current Device (RCD).

This product operates only with the following valve systems: K-28209, K-28210, K-28211, or K-28212. The Anthem+ User Interface (K-28214-ASC) requires the Anthem+ Digital System Controller (K-27756) to operate.

Do not use excessive force when making connections.

Before Operating the System For the First Time:

Download and install the latest software for connected components. This may take an hour or more to complete based on system configuration and internet connection speed. Do not disconnect the power from any components during software download and installation.

Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

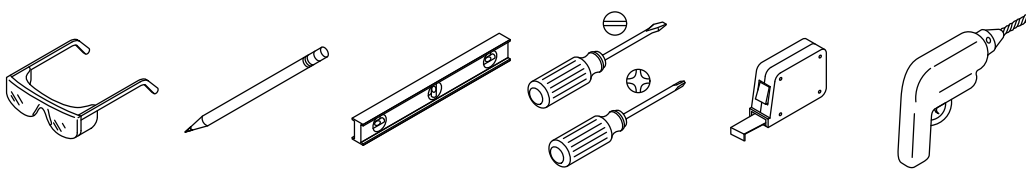
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Specifications

Ambient Temperature	Max 104°F (40°C)
Maximum Relative Humidity	90% non-condensing
Electrical Rating	100-240 VAC, 50-60 Hz, 0.6-0.4 A
RJ11 Straight	25' (7.6 m)

Tools and Materials



Plus:

- Computer, Tablet, or Smart Phone
- Internet Connection (If conducting OTA update.)

Before You Begin

IMPORTANT! To access the controller Web pages for system setup via ethernet, the controller and a computer or tablet must be connected to the same router.

NOTE: Internet access is only required for downloading the latest software for system components.

Read these instructions and determine all components and installation locations before beginning installation. For shower configuration options, refer to the guide on the product page at www.us.kohler.com.

The controller is designed to fit within a 2x4 stud cavity.

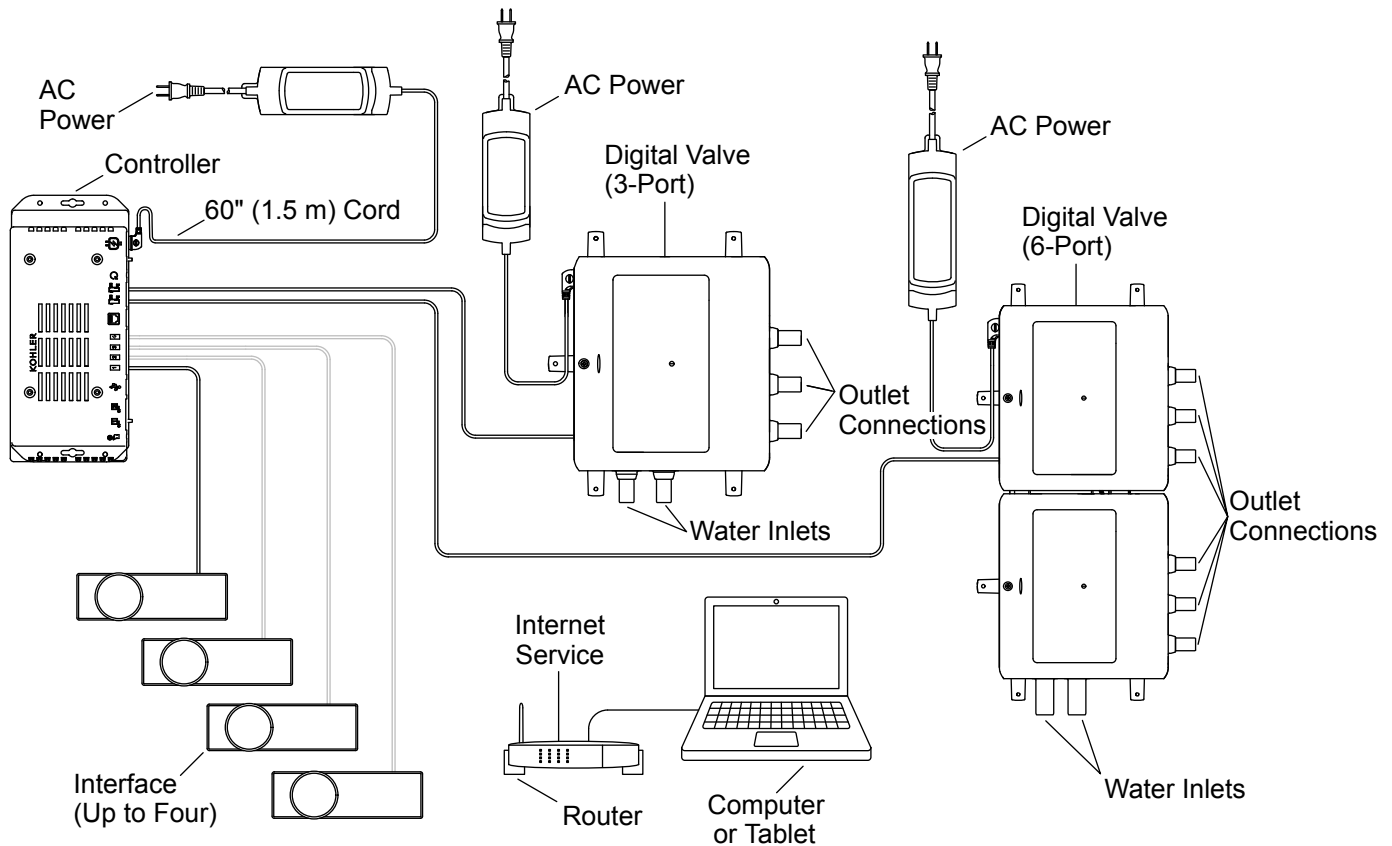
If mounting within a stud cavity, an access panel must be provided for servicing. The cavity must be free of insulation.

A qualified electrician should install a 120 V electrical outlet, within the stud framing, in close proximity to the controller. A GFCI outlet may be required in certain applications.

If possible, install the electrical outlet prior to installing the controller.

This product complies with UL, CSA, FCC, and IC.

System Layout



The system controller powers the interface(s) and controls system components such as digital valve(s).

Your system can be set up to use four interfaces. One interface, installed inside the shower, is required.

The system controller can connect with up to two valves. The valves shown above are just one example of a valve setup.

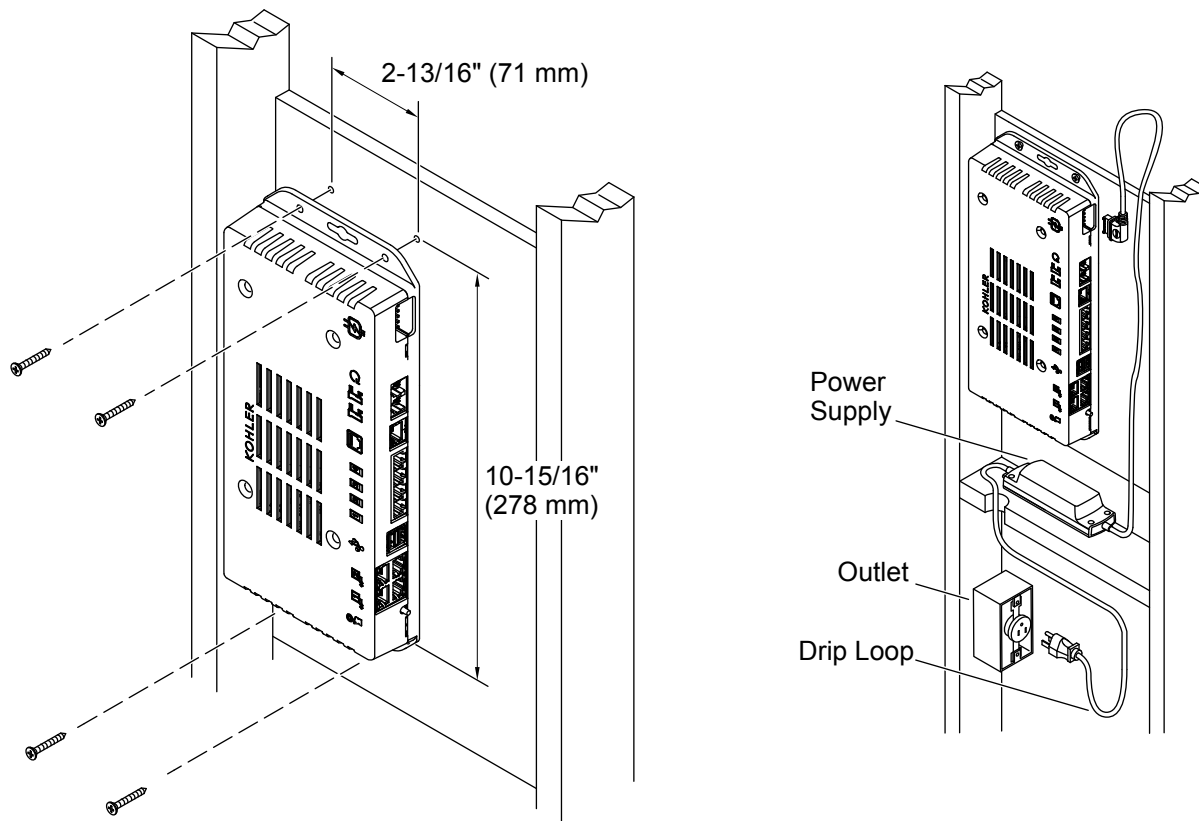
Determine the locations of all components, including shower accessories. For pre-programmed shower configurations, refer to the guide on the product page at www.us.kohler.com.

Refer to the installation guides packed with each product for specific installation needs.

Before Operating the System For the First Time:

Download and install the latest software for connected components. This may take an hour or more to complete based on system configuration and internet connection speed. **Do not disconnect the power from any components during software download and installation.**

1. Install the Controller



⚠ CAUTION: Risk of product damage. The controller is rated to operate in temperatures up to 104°F (40°C). Do not install near heat sources (such as radiators or under whirlpool surrounds) or in any location where the temperature may exceed 104°F (40°C).

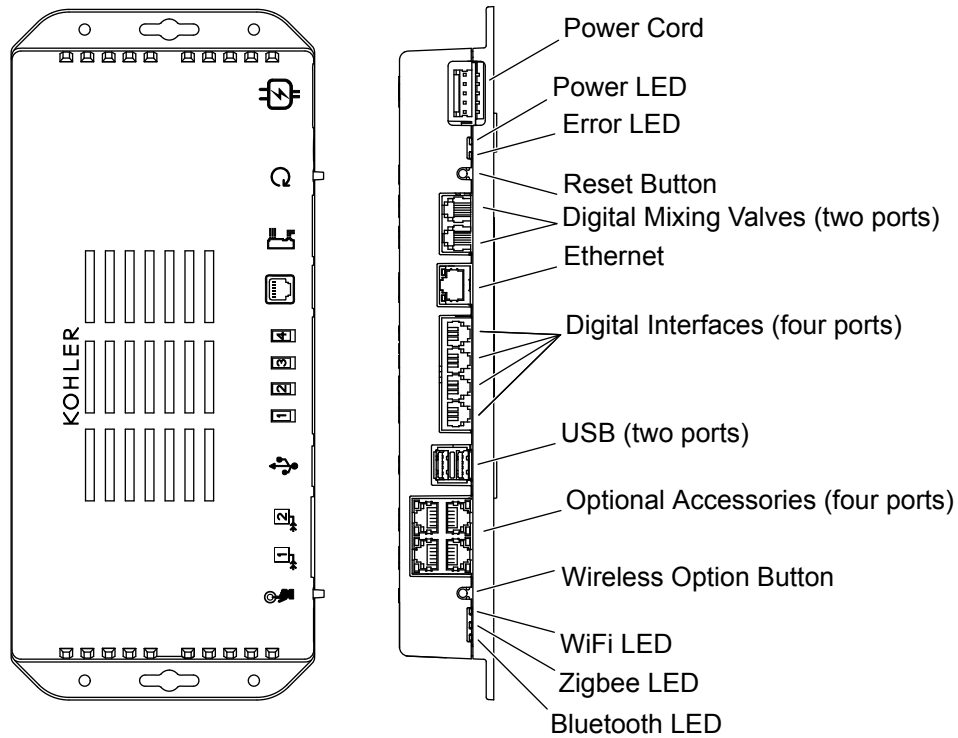
IMPORTANT! The controller must be placed in a dry area, separate from any digital valve location.

NOTE: The controller is designed to fit within a 2x4 stud cavity. The cavity must be free of insulation.

NOTE: If mounting within a stud cavity, an access panel must be provided for servicing.

- Install a vertical surface between the studs.
- Secure the controller to the vertical surface using the screws.
- Install a 120 V electrical outlet within the stud framing, in close proximity to the controller. A GFCI outlet may be required in certain applications.
- Install a horizontal board to accommodate the power supply. Ensure the cord can be routed to the electrical outlet without being pinched.
- Route the power supply from the controller to the electrical outlet.

2. Connect the Components



NOTE: Make drip loops in all cables.

NOTE: Disconnect the power from the controller before connecting the cables.

- If not already installed, install any digital interfaces, digital mixing valves, and optional accessories for your system configuration.
- Route all component cables to the controller location.
- Gently press each connection into the proper port until it fully clicks in place.
- Connect the power supply to the controller. Verify that the digital interface(s) illuminate.
- Verify that the digital mixing valves and all connected components are powered ON.

Troubleshooting

This troubleshooting guide is for general aid only. For warranty service, contact your dealer or wholesale distributor, or contact the Customer Care Center using the information located in the front of this manual.

Controller Troubleshooting Table

Symptoms	Probable Cause	Recommended Action
1. System stops working and the Status LED is OFF.	<ul style="list-style-type: none"> A. Power supply failure. B. Incorrect wiring of the AC power supply. 	<ul style="list-style-type: none"> A. Reboot the controller by disconnecting the AC power from the wall outlet. If there is no change after reboot, replace the power supply. B. Verify that the controller was installed per the installation manual. Make sure AC power is present at the outlet the controller is plugged into.
2. Components are in an error state, even though they are connected to the controller.	<ul style="list-style-type: none"> A. Damaged cables or incorrect cable installation. B. Power fluctuation. C. The device is not installed correctly. 	<ul style="list-style-type: none"> A. Check all wiring connections. B. Verify that the devices are connected to a stable power supply. C. See peripheral device owners manual.

Interface Troubleshooting Table

Symptoms	Probable Cause	Recommended Action
1. Interface is not lit.	<ul style="list-style-type: none"> A. Controller is not plugged into the electrical outlet. B. Interface cable connections may be loose or disconnected. C. Circuit breaker has been tripped. D. The controller may require resetting. E. If none of the recommended actions for the above issues correct the symptom, the interface or controller requires servicing. 	<ul style="list-style-type: none"> A. Plug the controller into an electrical outlet. B. Check all interface cable connections. C. Reset the circuit breaker. D. Disconnect and reconnect the controller power supply from the electrical outlet. E. Contact your Kohler Co. Authorized Service Representative.
2. The interface power indicator is lit, but the system will not turn on.	<ul style="list-style-type: none"> A. Interface cable connections may be loose. B. The interface cable is damaged. C. If the above recommended action does not correct the symptom, the interface or controller requires servicing. 	<ul style="list-style-type: none"> A. Check all interface cable connections. B. Replace the cable. C. Contact your Kohler Co. Authorized Service Representative.