

## SUBMITTAL DATA

JOB/CUSTOMER:	SUBMITTED BY:
ENGINEER:	APPROVED BY:
CONTRACTOR:	ORDER NO:
SPECIFICATION REFERENCE:	



## DESCRIPTION

The ACT KONTROLS-BTR2 controller works with standard 110V outlets to accept existing pumps in retrofit and return line applications (some restrictions). You can effectively change your old Pump into a D'MAND® System! Features include adjustable run time (up to 10 min.), adjustable maximum temperature, and a "NO DELTA T mode" for a shut off temperature.

The KONTROLS™ simply plug into an 110V outlet and the existing pump will plug into the supplied adapter, making it a true plug and play Hot Water On-D'MAND® System. Integrated Bluetooth allows wireless activation. Additional Wireless Bluetooth devices may be added as needed.

## INCLUDES

*The Original D'MAND KONTROLS® System* Standard package comes with:

- |  |                  |
|--|------------------|
| (1) ACT2 Control Box with Power Cord, Activation Wires | (1) Sensor Clamp |
| (1) Integrated Bluetooth Activation                    | (3) Wire Nuts    |
| (1) Temperature Sensor                                 | (1) Anchor Pack  |

## TECHNICAL DATA

**Control Box**

- Power Supply 110V/115V
- Three (3) prong adapter
- 10k thermistor with 6' lead
- Two (2) low voltage control cables (12V)
- Adaptable circuit board controller with integrated 5 amp fuse

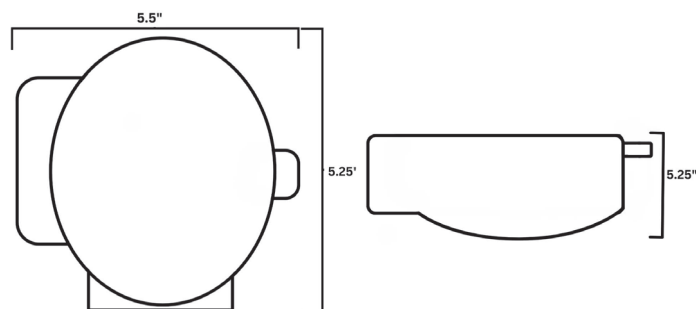
**Bluetooth Kit**

- Operating Range (*If obstructions*): 50-70 feet
- Frequency: 2.4-2.48 GHZ
- Power Supply: 12V low voltage from control box (receiver)

## APPLICATIONS

These controllers are designed for use with existing recirculating pumps on return lines 1/3 hp or less. Meant for residential use, the System can be used in homes from 500-5,000 sq. ft. The ACT KONTROLS-BTR2 will allow you to wirelessly control a pump remotely with a Transmitter or ACT D'MAND phone app securely without false starting. These are for INDOOR USE ONLY and cannot be used in areas that may have direct exposure to water or extreme heat. You can pair up to fifteen (15) ACT Bluetooth products (above) to each Bluetooth enabled controller.

## DIMENSIONS



## WARRANTY

Accessories: Hardwired Buttons, Wireless Transmitters and Receivers, all Hardwired or Wireless Motion Sensors and Receivers: Warranty (One Year from date of purchase) Labor is not included with Limited Warranty. In order to obtain services under this warranty, it is the responsibility of the purchaser to promptly notify the Company in writing and promptly deliver the item in question, delivery prepaid to the factory. The address for notification and delivery is ACT, Inc. D'MAND KONTROL® Systems, 3176 Pullman Street, Suite 119, Costa Mesa CA 92626. If the product or part in question contains no defects as covered in the warranty, the purchaser will be notified and billed for parts and labor charges in effect at the time of the factory examination and repair.