



## SUBMITTAL DATA

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



## DESCRIPTION

The DCKB-AP-CR electronic pump controller option to convert a pump on a return line to a more efficient D'MAND CIRC® System.

This controller can reduce pump run time by over 90% in some applications, with an estimated gas savings of up to 20-30%.

This System will come pre-set for the most efficient settings but can easily be field adjusted to customize it to the specific application.

## INCLUDES

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

- (1) DCKB Control Box with Hardwired Connectors
- (1) D'MAND CIRC® Commercial Circuit Board
- (1) Indoor/Outdoor Enclosure

- (1) Thermistor
- (1) Sensor Clamp

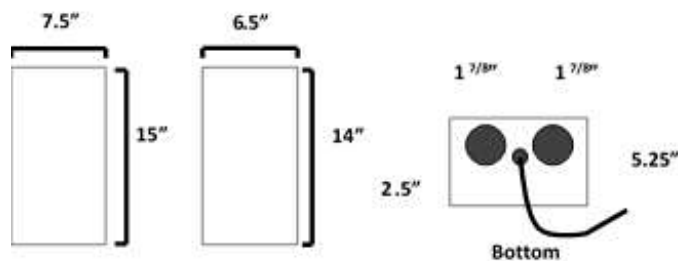
## TECHNICAL DATA

Nominal AC Line Voltage: 110 VAC 60Hz  
 Normal Operating Current: 500 µa  
 Max Pump Size: 1 HP/ 25 AMP max  
 Nominal Start Load: 3.3 VDC 10L ohms  
 Temperature Sensor: 10K Thermistor CEM 1040  
 AC Out (5A Fuse SB): 110 VAC 60 Hz 1.2HP/240 VAC 1/2 HP  
 Shut Down Temperature: 95° - 130° Switch Selectable  
 Sensor Error: Sensor open, one (1) blink; Sensor not operative, two (2) blink  
 Fuse: 20 A Slow Blow Fuse

## APPLICATIONS

This hardwired controller is an indoor/outdoor model with a UV rated housing for use with pumps that are 1 HP or less that are hardwired. The DCKB-AP-CR electronic pump controller is designed to use with hot water lines up to 2" in diameter with return lines up to 1". The controller itself will need to be installed <6' from the return line.

## DIMENSIONS



## WARRANTY

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.