

## SUBMITTAL DATA

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



## DESCRIPTION

The DCKB-SS3 electronic pump controller is a "plug and play" option to convert a "dumb pump" on a return line in to a more efficient D'MAND controlled system. This controller can reduce pump run time by over 90% in some applications, with a 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 KONTROLS® System** Standard package comes with:

- |  |                |                  |
|--|----------------|------------------|
| (1) SS3-200 Pump                                       | (1) Thermistor | (1) Anchor Packs |
| (1) DCKB Control Box with Power Cord, Activation Wires |                | (1) Sensor Clamp |
| (1) D'MAND Kontrols® Commercial Circuit Board          |                |                  |

## 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

**Pump**

- |  |                               |
|--|-------------------------------|
| Flow Range: 0-33 gpm                                 | RPM/HP : 262 hp               |
| Max. Working Pressure: 145 psi                       | Min. Fluid temperature: 36°F  |
| Head Range: 0-29 ft.                                 | Max. Fluid temperature: 230°F |
| Connectors: Gf 15/26 flange                          | Voltage (max. spd.): 115V/197 |
| (with 3/4" stainless steel mip not shown in picture) | watts/1.80Amps                |
| Motors: 2 pole single phase                          | Approx Ship Weight: 15 lbs    |

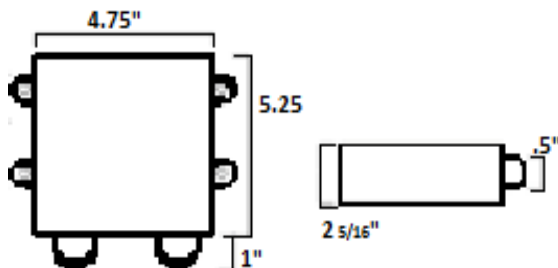
## APPLICATIONS

This controller is an indoor model with a PVC housing for use with pumps that are 1/2 HP or less equipped with 110v plugs.

These are for INDOOR USE ONLY and cannot be used in areas that may have direct exposure to water or extreme heat.

The D'MAND CIRC® Kontrols™ Box (110V) is recommended for use with hot water lines sized from 1/2" to 2" in OD diameter. This 110V 5A controller with 10K thermistor is used in light commercial applications and multi-family buildings.

## 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.