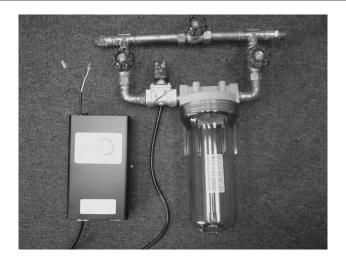


# **Installation & Operation**

Water Filter Bypass System WBP34LV, WBP100LV WBP125LV, WBP123LV



## **Description:**

JDS Water Bypass System with Low Voltage Controls are designed and tested to filter city water and protect equipments. When used with JDS Control Panels, the valves can be remotely switched on and off. The filter element will remove particles as small as 5 microns to prevent costly damage.

## Installation:

A certified plumber should install Water Filter Bypass System according to local plumbing codes. Plumber is to supply all connecting fittings.

- Located a proper and adequate water source and electric supply line run for the WBP system.
   Close off main water supply during installation
- 2. Install water filter mounting bracket using template. (Separate instructions provided)
- Install water bypass system to mounting bracket and to water line using union connectors.
- 4. Install the WBP system in such a manner that the direction flow of the unit is maintained through the solenoid valve in a left to right direction. Use the template provided to mount the low voltage control box (separate instructions provided).
- 5. Install the 115VAC wire form the solenoid valve to the appropriate terminals inside the control box. Connect the red, white and white 24V wires to their corresponding wire from JDS Control Panel Box.
- 6. Plug control panel line cord into a 115V outlet.
- 7. Make sure all connections are tight and open water line. Repair any leaks is necessary.
- 8. For Operation mode, close middle valve on top (turn counter clockwise) and open the side right and left valve (turn clockwise).
- 9. For Bypass mode, open middle valve on top (turn clockwise) and close the side right and left valve (turn counterclockwise).

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## **Installation & Operation**

Water Filter Bypass System WBP34LV, WBP100LV WBP125LV, WBP123LV

## **Installation Notes & Warnings**

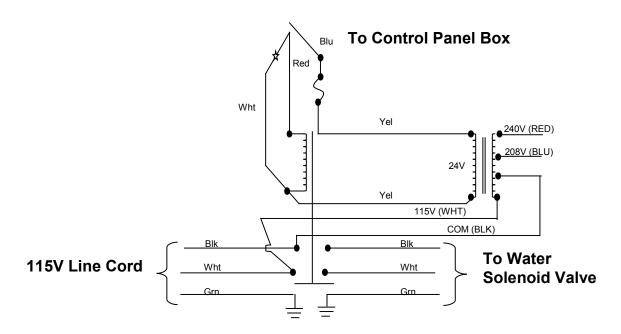
Do NOT install on HOT WATER LINES

Do NOT install on water pressure over 125PSI

Protect from FREEZING

Do NOT install in direct sunlight

Do NOT use torch near plastic pieces



# Wiring Schematic

#### Maintenance:

It is required that the filter element is replaced at every six month intervals. (Though some areas may be shorter depending on water quality)

To replace, simply put WBP system in bypass mode and using the provided wrench unscrew the bowl. Replace the filter element and screw the bowl back on. Make sure the rubber o-ring is also replaced

## **Warranty Information: 120 Days**

All JDS products are carefully and thoroughly inspected and tested in accordance with strict guidelines and specifications. JDS products and accessories are guaranteed against defective material and workmanship from the date of shipment provided that the installation, operation, maintenance is done in accordance with instructions and notes provided in JDS's manuals and outlines. No other guarantees, expressed or implied are made.

JDS's obligation under the warranty is to provide parts for the repair or, at JDS's discretion, provide the replacement product, excluding labor and shipping charges. All special, incidental and/or consequential damages are excluded. JDS will not issue a credit without first attempting to correct the problem in the field. Written notice of breach of warrant must be provided to JDS within the warranty period. The warranty does not cover damage resulting from the use of cleaning, disinfection or sterilizing chemicals and processes. On vacuum products, the warranty does not cover failures due to hard water deposits. Failure to follow installation and operating procedures will void the warranty.