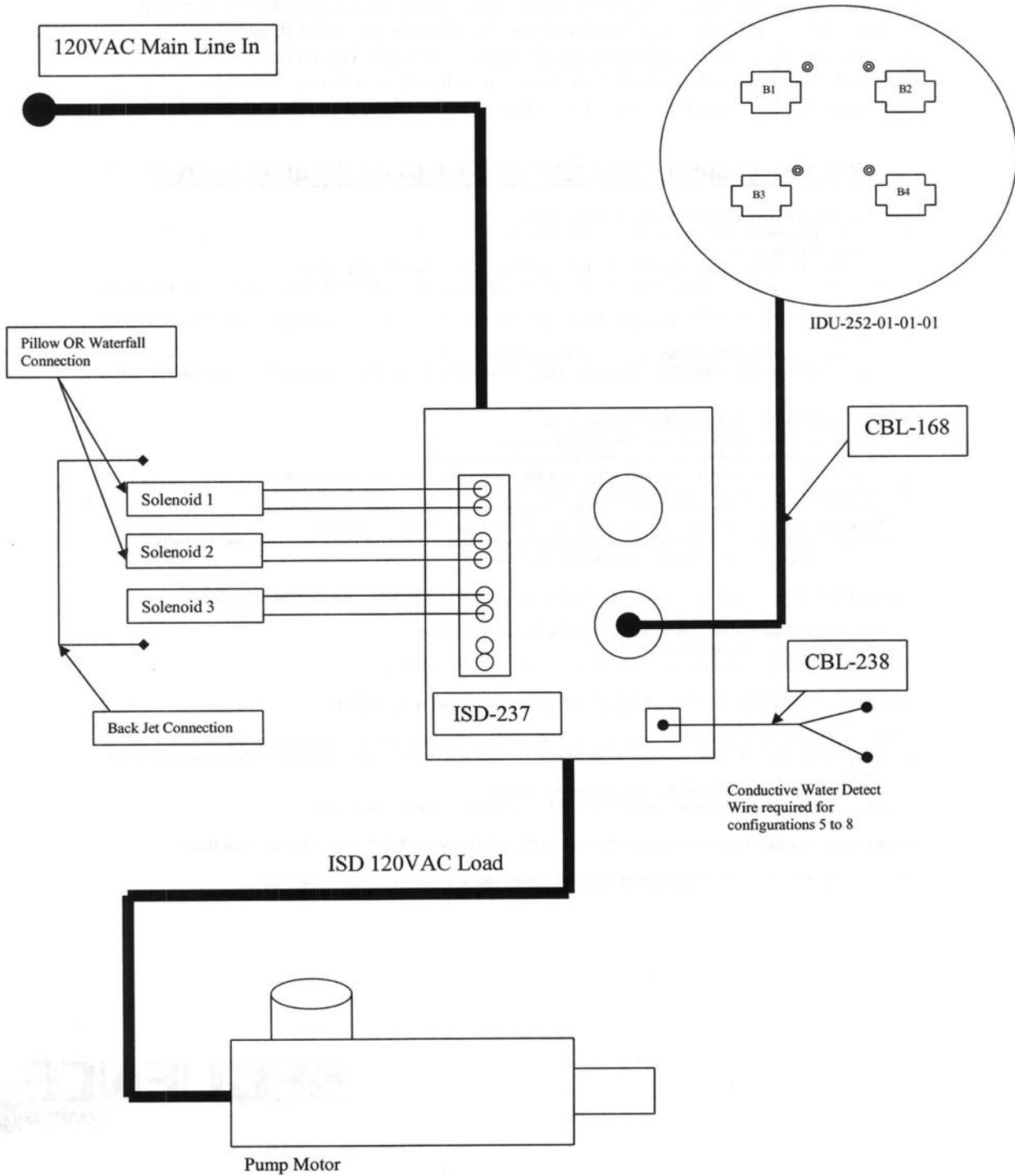


# IDU-252-01-01-01 CONFIGURATIONS 5 TO 8 & 10



## CONNECTIONS FOR IDU-252-01-01-01 CONFIGURATIONS 5 TO 8 & 10

Configurations 5 to 8 are ISD-237 systems. These configurations require the 4-button display to be connected to the 8-position port. The conductive water detect wire is required for all of these configurations.

Configuration 5 & 6: connect the pillow to solenoids 1 and 2.

Configuration 7: connect the waterfall to solenoids 1 and 2.

Configuration 8: connect the Back-Jet system to solenoids 1, 2 and 3.

## TROUBLESHOOTING THE IDU-252-01-01-01 CONTROL SYSTEM

### **There is no functional response from the system:**

1. Check if the green power LED on the front panel of the IMC/ISD is ON or OFF.  
Go to step 7 if the green LED is OFF
2. If the LED is ON, verify that the cable connection between the IDU head and the IMC/ISD is solid.
3. If the connection is good then unplug and re-plug the head into its 8-position cable and view the display LEDs for any illumination on start-up.
4. If the display still does not respond, disconnect all cables from the front IMC/ISD panel except the display cable.  
Try a second reset of the display.
5. Replace the 8-position mini din display cable and conduct a third reset of the display.
6. No sign of display working and the IMC/ISD appears to have power and the IDU cable connection is solid; replace the IDU head unit.
7. Disconnect the IMC/ISD power plug from the power outlet.
8. Disconnect all cables from the front panel of the IMC/ISD device.
9. Disconnect the Load device from the load line cable at the rear of the IMC/ISD.
9. Plug the IMC/ISD back into the power outlet. Observe the green power LED on the IMC/ISD front panel.
10. If the green LED remains OFF, replace the IMC-213/ISD-237 device.
11. If the green LED comes ON, unplug the IMC/ISD from the power outlet and re-connect the load device.
12. Re-apply power to the unit. If the LED does not come on, then there is a fault with the load device.
13. If the green LED comes on with the load connected, then the fault resides in one of the front panel connections.  
For the ISD device, this could be a short in one of the solenoid connection cables.

### **Light device does not turn ON, and the display is indicating the detection of water feedback:**

1. Verify the cable connection between the IMC-213 and the light device socket.
2. If connection is good, then replace the CBL-251.
3. If the cable is replaced and the light still does not turn ON, then replace the light device.

### **The display is not illuminating LEDs, and button presses have no affect:**

1. Verify that the IMC/ISD green LED is on. If the LED is off, then treat as a system with no functional response.
2. If the green IMC/ISD power LED is on, then verify the cable connection between the display and the IMC/ISD and reset the power to the display.
3. Display still does not respond; reset the power to the whole system.
4. Display still does not respond; replace the IDU-252-01-01-01 or IDU-252-01-02-01 display head.

### **Pressing the pump control button causes all of the LEDs to flash ON and OFF several times:**

The display needs to detect water feedback from the H2O device in order to allow control of the pump motor.