# KWC DVS

Fault finding – 2 channel controls

No Power - No Lights showing on PCB (all variants)

- First, check the power supply fuse. A red LED (11) should be illuminated in the top right inside the control box. If LED is not lit, check the Fused Spur, Primary fuse (14) and Secondary fuse (16). Spare fuses are supplied inside the lid of the control box.. Call +44 (0)1803 529021 to order replacements.
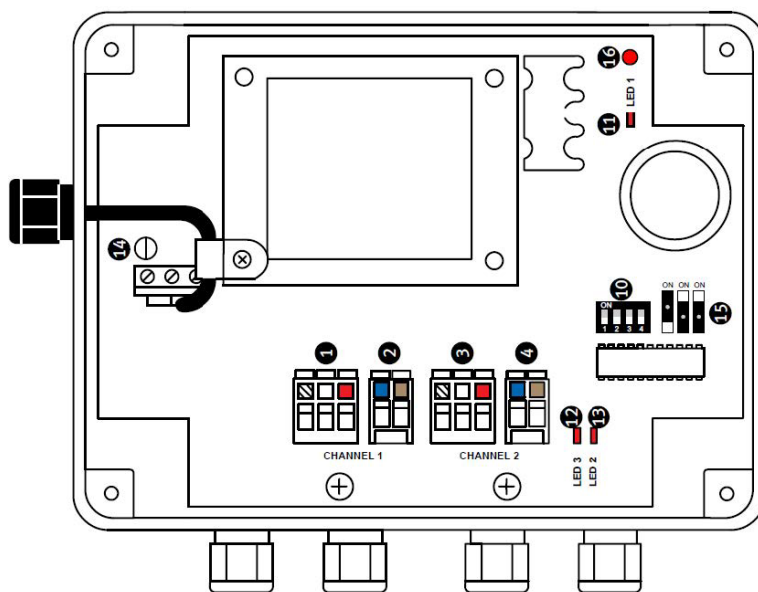
Urinal not flushing

- Time setting must be set onto the dip switches (10). Power down, enter the desired run time and power up. (note - you must power down before making any setting changes.)
- A user must be stood at the urinal, in front of the sensor, for at least 12 seconds to be recognised as a user. Once the user moves away, the solenoid valve will open for the set flush time.
- Check sensors are sensing correctly and are not picking up a reflection:
  1. Power down, turn all Dip switches to the off position and power up. The unit is now in test mode.
  2. LEDs 3 & 2 (12 & 13) relate to Sensor Channels 1 & 2.
  3. Make sure there is no obstruction in front of the sensors; LEDs 3 & 2 should be off. If an LED is on or flickering, check there is no obstructions or reflective surfaces, such as a mirror or a sensor on the opposite wall causing a reflection. Remove obstruction or reflective surface and proceed to set up.

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Short sensing range

Urinal Sensors will have a sensing range between 500mm & 600mm, depending on ambient temperature and lighting. If the sensor is not sensing up to 500mm, please get in touch with Technical Support for advice at +44 (0)1803 529021.

Urinal flushing when users walk past the sensor

Note - High Vis clothing can set off the sensors. If sensors are located in a narrow walkway, users walking by may set off the Pre-flush if active. To stop this, turn the Pre-flush off:

1. Power down. Turn Option switch A off. (fig.2)
2. Power up.
3. Pre-flush is now disabled
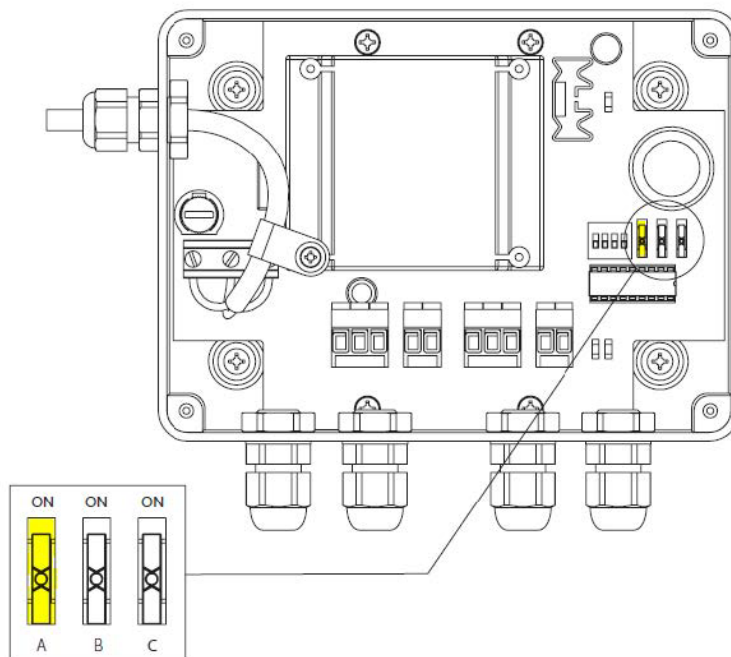
Poor flow through solenoid valve

- Check the flow is not restricted before the solenoid valve
- Check the solenoid valve orientation on the pipework is correct.
- Check for obstruction in the outlet pipes
- Check supply water pressure is 1 bar or higher. If lower than 1 bar, an alternative solenoid valve may be required - Call Technical Support +44 (0)1803 529021

AT07-001 (tap) & SH07-001 (shower) only

Tap running for too long or Shower not running long enough

Option switch A toggles between Tap mode and Shower mode. See fig.2

1. Power Down
2. Turn ON to select Tap mode = run times in seconds or...
3. Turn OFF to select Shower mode = run times in minutes.

SH07-020 (bath) only

Outlets pulsing alternately

Bath Control set in Single valve mode.

1. Power Down
2. Set option switch C On to turn on Dual Valve Mode. See below
3. Power Up