

Plumbing and Wiring instructions:

Plumbing Note: When attaching to pipework please ensure the valve is held with a spanner as the fitting is tightened against it. Merely holding the valve body itself can allow the ball-seal tension to be altered, causing operating problems later.

These units operate from a 12 volt DC supply



1/ Valves having two wires should be wired as follows:

Red to 12V Positive +

Green to 12V Negative. -

If power is lost during operation then this Valve will automatically return to the closed position

2/ Valves having three wires:

Red to 12V Positive +

Blue to 12V Negative -

Yellow to 12V positive = OPEN VALVE FLOW

Yellow disconnected or 0V = CLOSED VALVE

Yellow wire operates as the switching wire. When the Yellow wire receives 12V positive the valve moves to the open position. If the yellow wire is at 0 Volts or disconnected then the valve will shut and stay closed.

As such, the default position (open or closed) can be set by the wiring layout you choose: ie.

Red and Yellow to 12V Positive, Blue to Negative = Open Valve

Red to 12V Positive, Blue to Negative, and Yellow disconnected = Closed

If all power to the Valve is lost then the valve remains in its current position (open or closed) until power is restored

Warning - Reversing polarity on this valve will damage the unit