

Step 5 : Plug and Socket Connections

Ensure all cable sockets and plug connections are clean and dry, then connect the tap to the split connector and solenoid valve firmly, ensuring all connections are secured tightly.

No-touch tap

DVS recommend a maximum of 5 No-touch taps to be connected per DVS Power Pack. To connect the intelligent battery charger to the no-touch tap system, connect the trailing power lead from the right hand side of the box to the power lead of the Y-splitter as shown in Fig.2.

Once the tap is powered up, allow 30 seconds for the sensor to calibrate. Attempting to operate the tap within this period may cause the sensor to false trigger. If false triggering occurs, disconnect power for 1 minute, then reconnect and allow the sensor to calibrate.

WC systems

DVS recommend a maximum of 5 WC Control Systems to be connected per DVS Power Pack. To connect the DVS Power Pack to the WC Flushing system, connect the trailing power lead from the right hand side of the box to the power lead of the Flushvalve Control box as shown in Fig.1.

Once the WC Control System is powered up, allow 30 seconds for the sensor to calibrate. Attempting to operate the tap within this period may cause the sensor to false trigger. If false triggering occurs, disconnect power for 1 minute, then reconnect and allow the sensor to calibrate.

For correct procedure on how to correctly assemble the connections please see Fig.3 below.

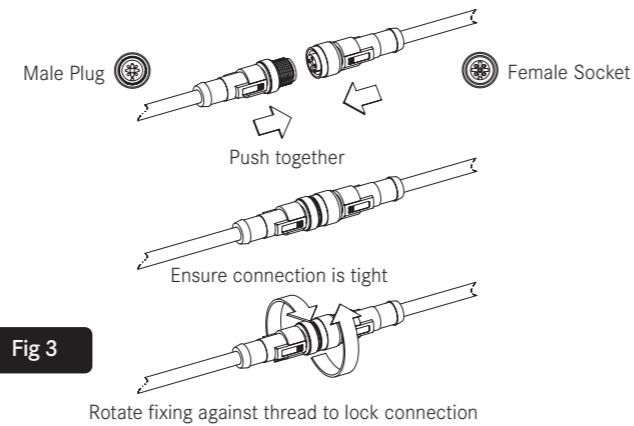


Fig 3

Optional extension cables (1 and 2 metre) are all available from the manufacturer to extend the low voltage output of the DVS Power Pack to the vicinity of the system which is installed.

Warranty, Support and End of Life Disposal

Warranty

The DVS Power Pack is guaranteed for 5 years from purchase against defective material and assembly.

Support

For technical support please visit our technical pages on our website at www.dartvalley.co.uk or contact us by e-mail at techsupport@dartvalley.co.uk Alternatively, you can telephone us direct on 01803 529021 and our customer service team will be pleased to help you.

Disposal of electrical and electronic equipment



The use of this crossed out wheeled bin logo indicates that this product needs to be disposed of separately to any other household waste.

Within each of the European Union member countries, provisions have been made for the collection and recycling of unwanted electrical and electronic equipment. Outside of the EU it will be necessary to dispose of this product at your local community waste collection or recycling centre. In order to help preserve our environment we ask that you dispose of this product correctly. Please contact your local council for collection centre details.

Disposal of waste batteries



The use of this crossed out wheeled bin logo indicates that the battery needs to be disposed of separately to any other household waste.

Within each of the European Union member countries, provisions have been made for the collection and recycling of waste batteries. Outside of the EU it will be necessary to dispose of this product at your local community waste collection or recycling centre.

In order to help preserve our environment we ask that you dispose of this battery correctly. Please contact your local council for collection centre details.

Head Office

Dart Valley Systems Ltd
Kemings Close
Long Road
Paignton
Devon
UK
TQ4 7TW

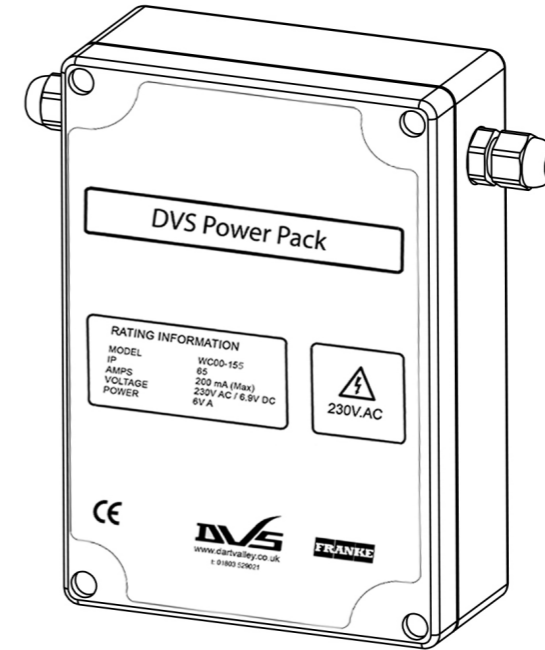
Contact Details

t : +44 (0) 1803 529021
f : +44 (0) 1803 559016
e : techsupport@dartvalley.co.uk
w : www.dartvalley.co.uk



DVS Power Pack Installation Instructions

WC00-155 DVS Power Pack



Step 1 : Safety First

These instructions relate to the use of the **DVS Power Pack** only, any external or 'add-on' parts will be supplied with separate instructions.

You must read these instructions thoroughly before attempting to install this product.

Appropriate personal protective equipment must be worn when installing, calibrating and commissioning this product.

It is recommended that the electrical part of the installation be carried out by a qualified electrician in accordance with the latest electrical regulations. It is also recommended that any plumbing is carried out by a qualified plumber.

This is an electronic device which must be installed correctly to perform correctly.

If the appliance is used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, they must be given adequate supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

IMPORTANT : Please read these instructions carefully and follow each stage in order!



Step 2 : Parts

A typical system will comprise of the parts* below:



DVS Power Pack for Tap & WC Flushvalve Battery Control Systems (WC00-155)

Compatible with:

DVS Programmable Sensor Range
New Flush Valve Control Box
Classic & Aquarius Tap Range

Instruction Manual x1

*Not to scale

Step 3 : Typical Installation

WC Flushing setup

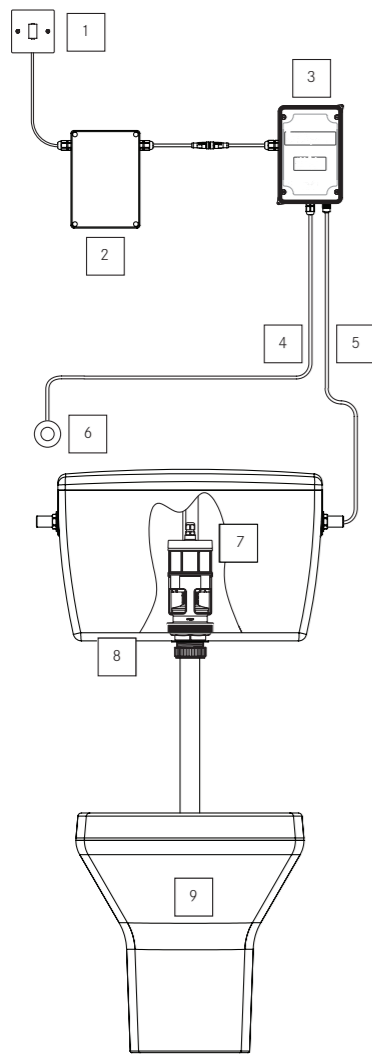


Fig 1

Key:

1. Mains spur (not supplied)
2. DVS Power Pack
3. Control system
4. Cable to sensor
5. Cable to flushvalve
6. Sensor
7. Flushvalve
8. Cistern
9. WC pan

No-touch tap setup

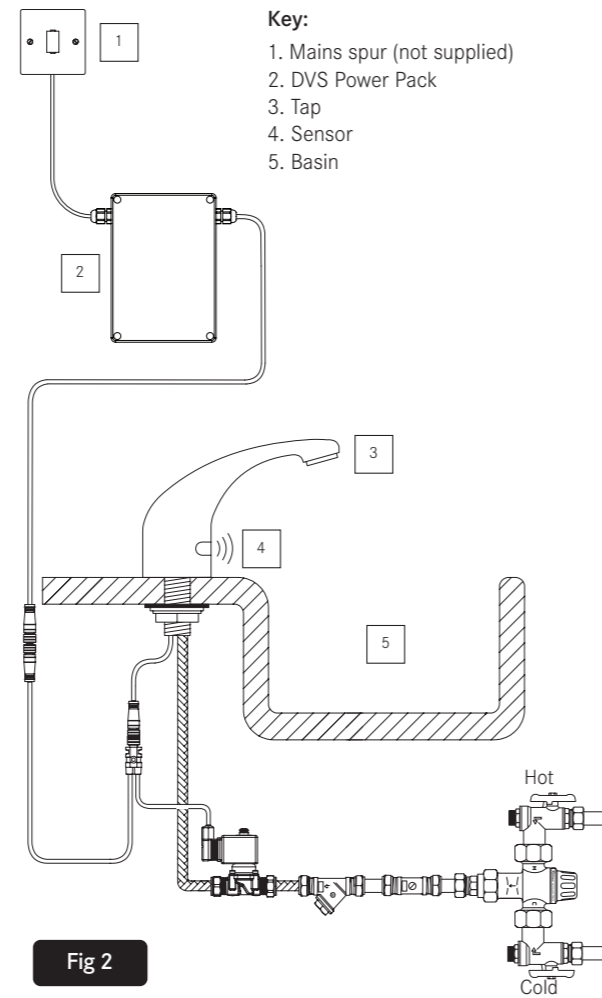
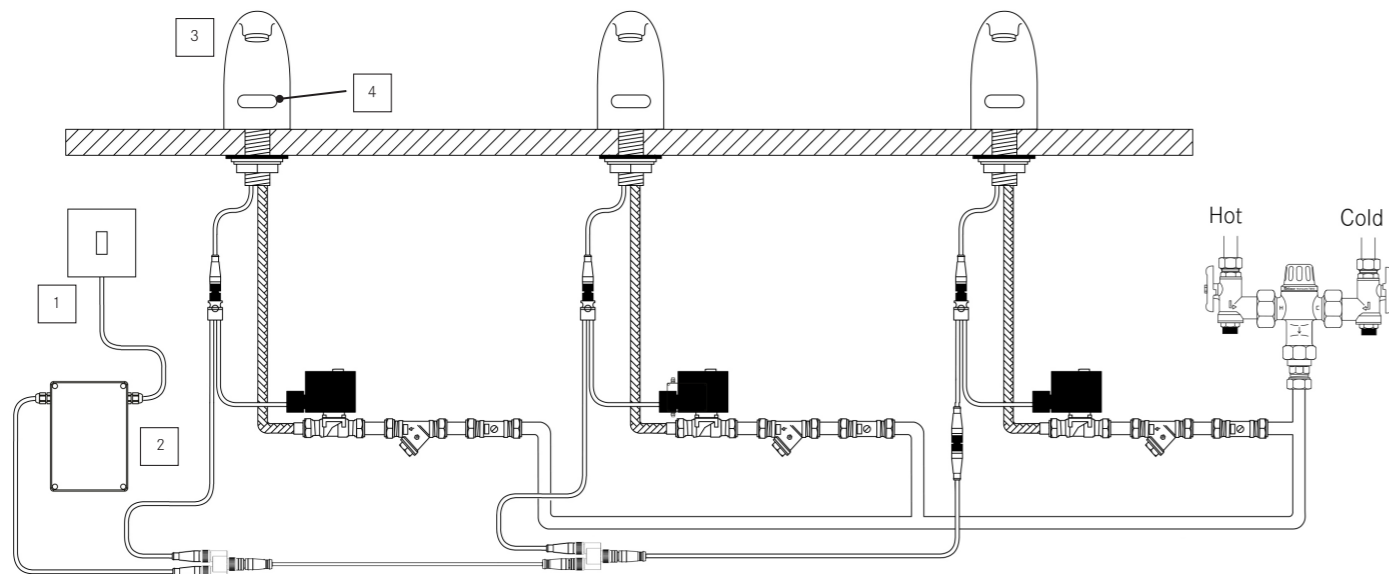


Fig 2

Key:

1. Mains spur (not supplied)
2. DVS Power Pack
3. Tap
4. Sensor
5. Basin

No-touch tap multi-station setup (5 maximum)

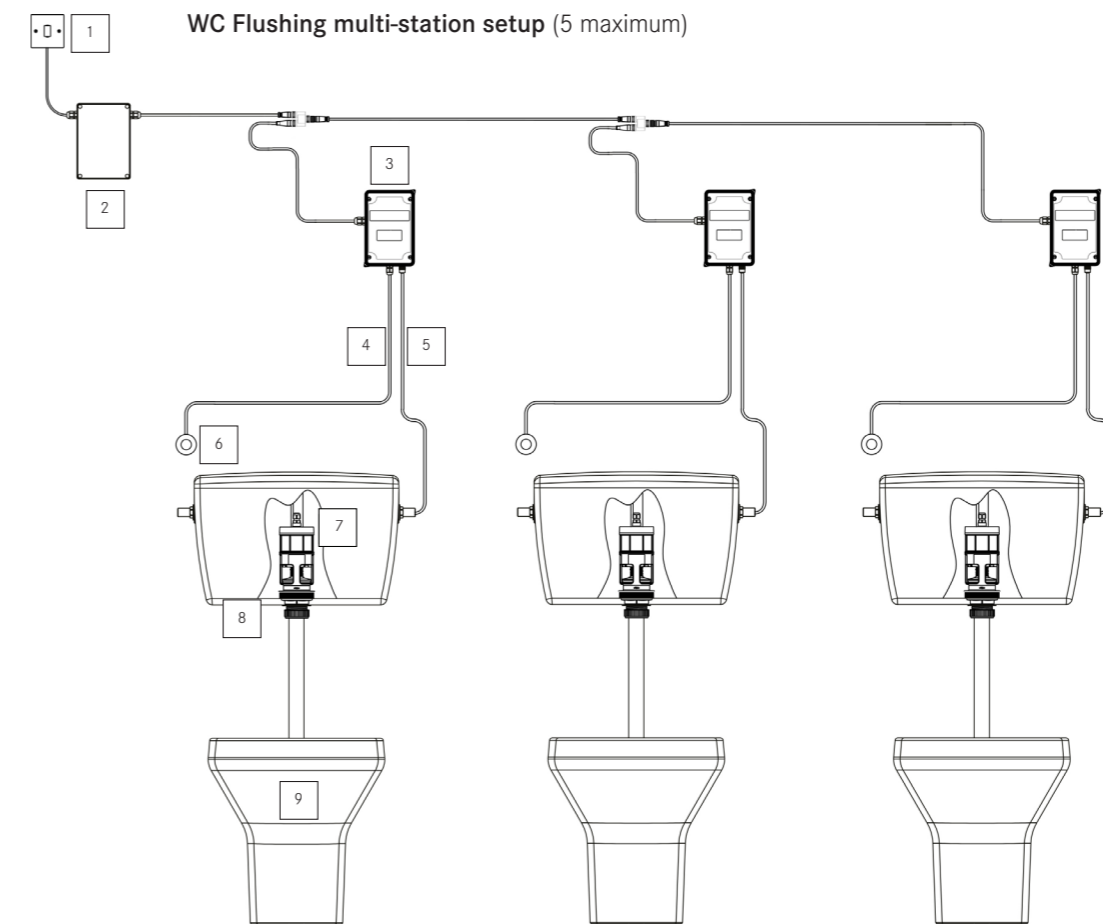


Key:

1. Mains spur
2. DVS Power Pack
3. Tap
4. Sensor

Step 3 : Continued...

WC Flushing multi-station setup (5 maximum)



Key:

1. Mains spur (not supplied)
2. DVS Power Pack
3. Control system
4. Cable to sensor
5. Cable to flushvalve
6. Sensor
7. Flushvalve
8. Cistern
9. WC pan

Step 4 : Preparation

Pre-Fitting

Caution! Mount the battery box or power supply with care, in a dry location, away from extremes in temperature and not exposed to dirt, dust or damp. **MUST** be installed in the upright position in as shown in **Step 3** at all times, or failure may occur.

Ensure that the DVS Power Pack is left disconnected at this stage.

Electrical cable connection for the DVS Power Pack

It is recommended that the electrical part of the installation be carried out by a qualified electrician in accordance with the latest electrical regulations.

A 1m length of 0.5mm 2 core flex is supplied with the PSU - this must not be extended.

Each DVS Power Pack should be connected separately via a **3 amp** fused spur. DVS Power Pack must be permanently connected to the supply. A suitable means of disconnection should be provided, in accordance with local electrical regulations. If the mains lead becomes damaged, the product should not be used. Contact DVS for replacement parts.

NOTE : Incorrect fuses may void warranty.

Rechargeable Battery Connection

The DVS Power Pack is shipped with the battery disconnected. Once the box is mounted in the correct position connect the battery top the circuit via the spade connectors. The red wire must be connected to the red indicated terminal on the battery, and vice-versa for the black wire and terminal connection.