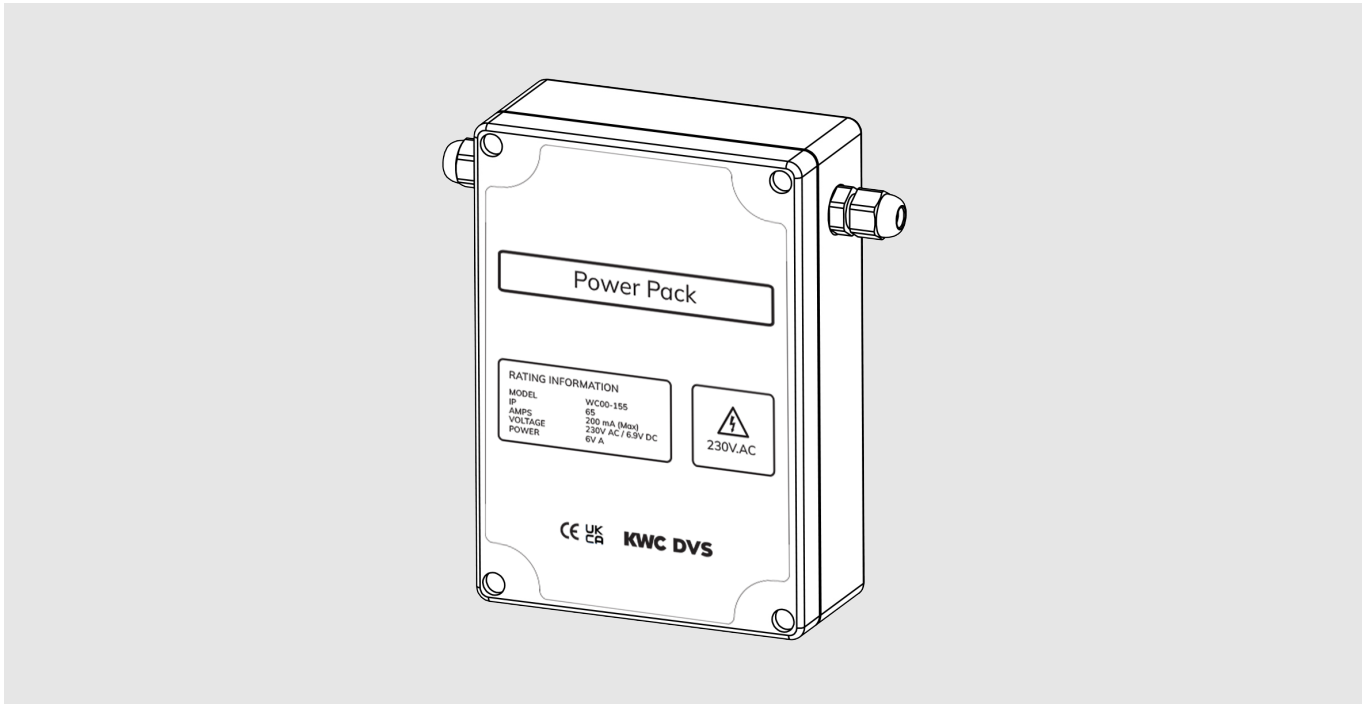
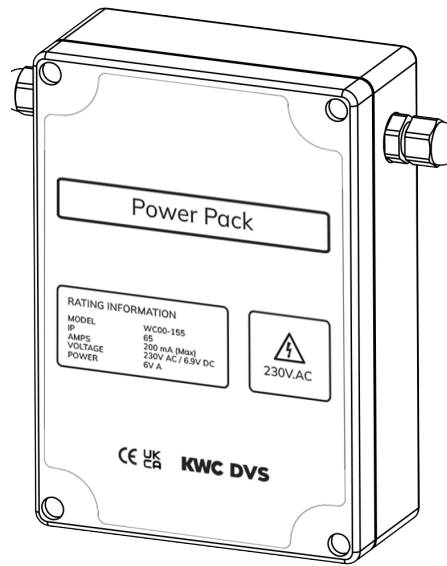


# DVS



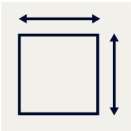
## WC00-155

DE	Montage- und Betriebsanleitung	Netzteil
EN	Installation and operating instructions	Power pack
FR	Notice de montage et de mise en service	Bloc d'alimentation
ES	Instrucciones de montaje y servicio	Paquete de energía
IT	Istruzioni per il montaggio e l'uso	Pacchetto di alimentazione
NL	Montage- en bedrijfsinstructies	Power pack
PL	Instrukcja montażu i obsługi	Pakiet zasilający
SV	Monterings- och driftinstruktion	Kraftpaket
CS	Návod pro montáž a provoz	Napájecí zdroj
FI	Asennus- ja käyttöohje	Tehopakkaus
RU	Инструкции по установке и эксплуатации	Блок питания

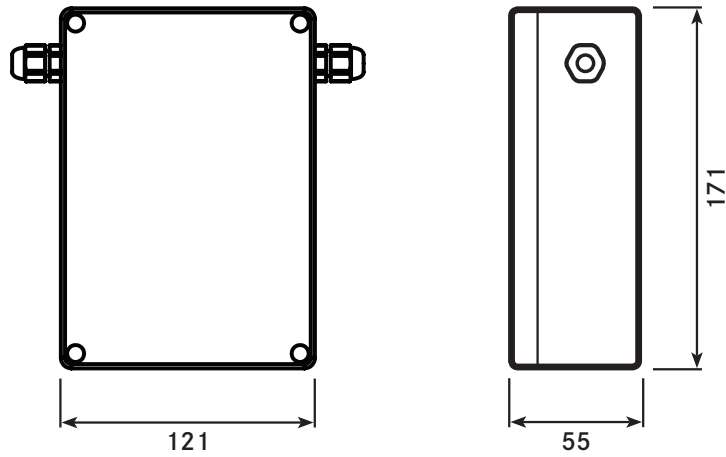


Compatible with:

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



WC00-155



## 1. Installation

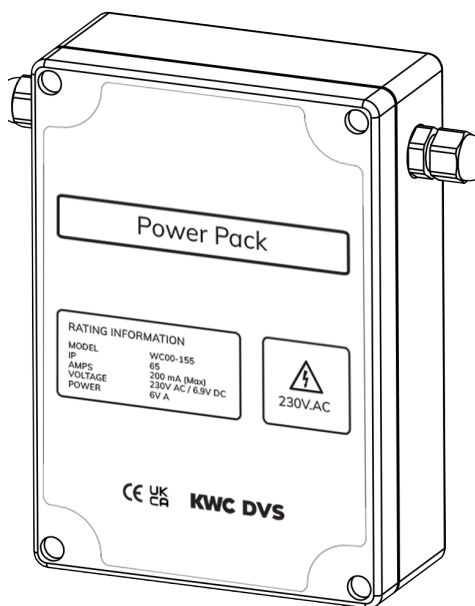
EN Installation  
FR Montage  
ES Montaje  
IT Montaggio

NL Montage  
PL Montaż  
SV Montering

CS Montáž  
FI Asennus  
RU Монтаж



1

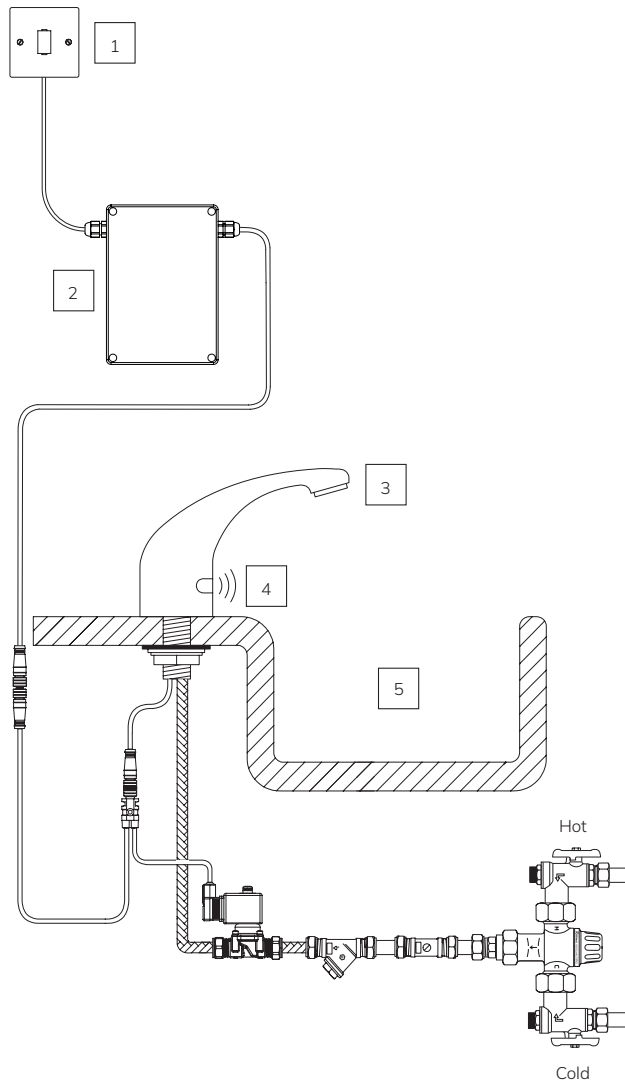


These instructions relate to the use of the KWC KWC DVS Power Pack only, any external or 'add-on' parts will be supplied with separate instructions. You must read these instructions thoroughly before attempting to install this product. Appropriate personal protective equipment must be worn when installing, 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.

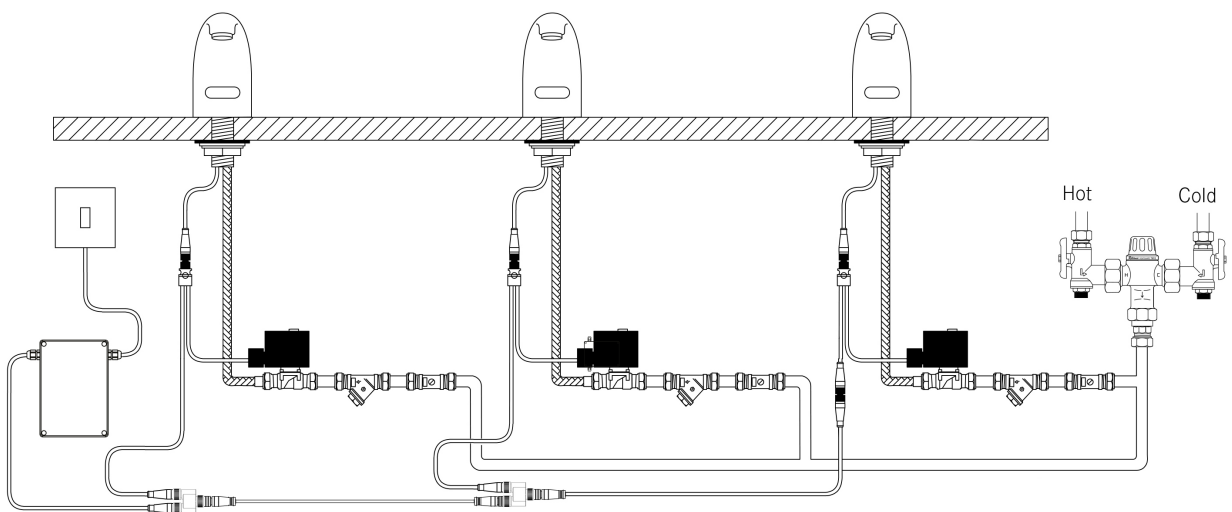
If the appliance is used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, they must be given adequate supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised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

**2**



**Fig. 1**  
**Touch-free tap set up**

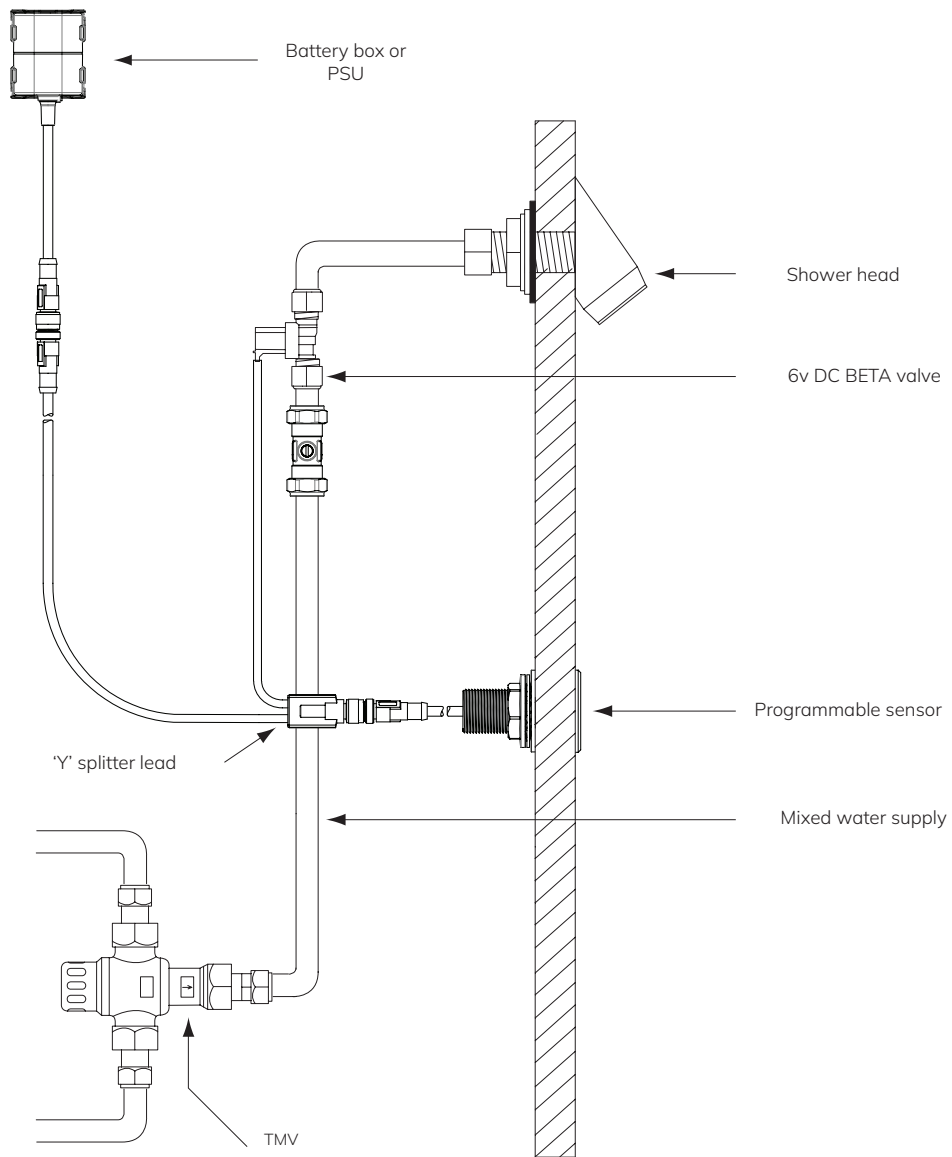
1. Mains spur (not supplied), 2. KWC, DVS Power Pack, 3. Tap, 4. Sensor, 5. Basin



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

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

**3**



**Fig. 2**

**Caution!** For mains powered setups you must use the KWC DVS AT00-029 power supply unit. Do not attempt to use any other device or power supply system.

Ensure the battery box or power supply is left disconnected at this stage.

A maximum of 3 showers can be run from a single PSU.

Please Note: Only 1 shower can be run from a single battery box.

Note for Multiple Installation kits (cable extensions):

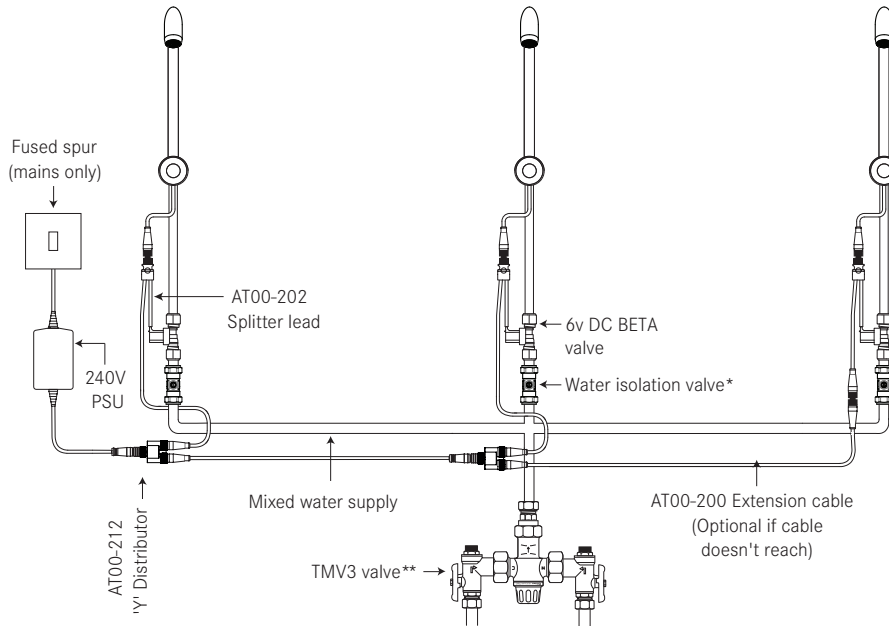
2 Station Kits contain 1x AT00-035

3 Station Kits contain 2x AT00-035's and 1x AT00-033

KWC DVS recommend the height of the shower head to be 2m from floor level and the sensor 1m.

The detectable range of the sensor will be default to approx 60mm, however, the range is fully adjustable via the Handheld Programmer (available separately).

**4**



\*Not supplied. Can be ordered separately from KWC DVS.

\*\*Not supplied. Required for warm water output and to comply with current water byelaws, as per current TMV guidelines. Can be ordered separately from KWC DVS.

Pressure Notes: A minimum 1 BAR pressure for shower systems is recommended

**5**

### 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 KWC KWC DVS Power Pack is left disconnected at this stage.

### Electrical cable connection for the 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.

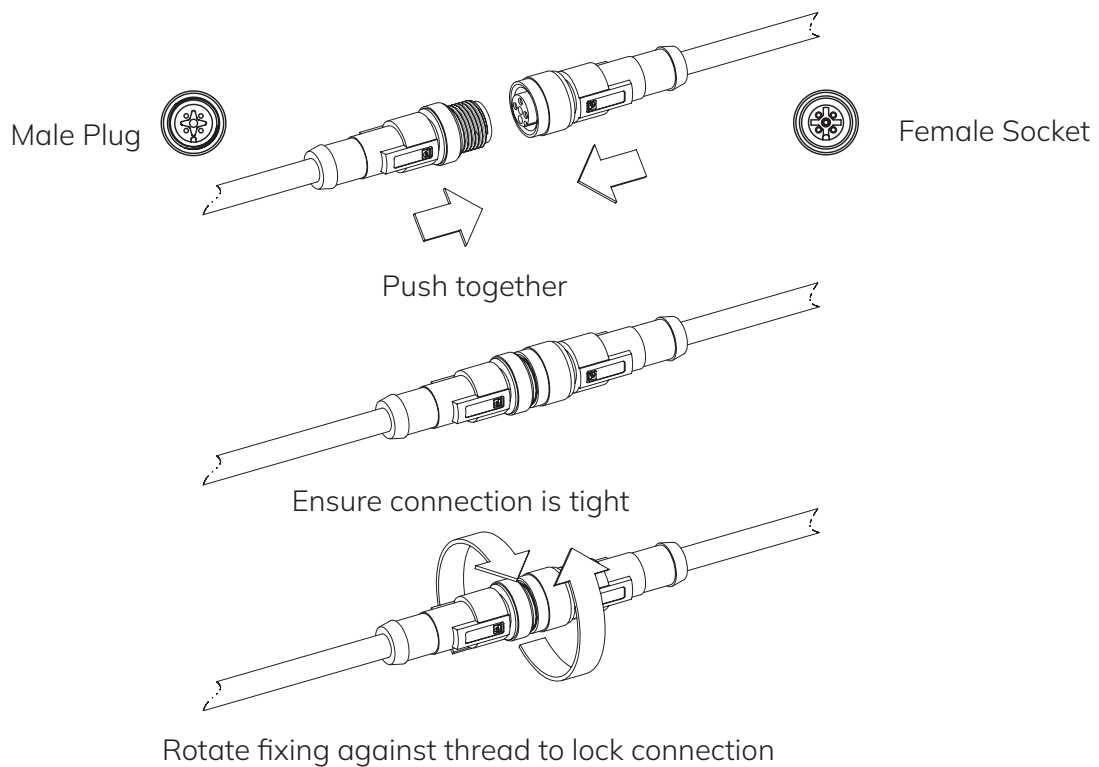
Each KWC DVS Power Pack should be connected separately via a 3 amp fused spur. KWC DVS Power Pack must be permanently connected to the supply. A suitable means of disconnection should be provided, in accordance with local electrical regulations. If the mains lead becomes damaged, the product should not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

### Rechargeable Battery Connection

The KWC KWC 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.

**NOTE : Incorrect fuses may void warranty.**

6



**Fig. 3**

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 KWC 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.1.

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.

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

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



### **Warranty**

The KWC 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](http://www.dartvalley.co.uk) or contact us by e-mail at [kwcdvstechsupport@kwc.com](mailto:kwcdvstechsupport@kwc.com). 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.





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