

Installation Instructions

IMPORTANT: Read all instructions before commencing installation.

The Commercial Edge Water Energiser is designed to be installed to a pressurised water supply system. It is an in-line device intended for ambient temperature water only. Do not use this device in hot water applications.

The device is designed for installation above or below ground, away from constant, direct sunlight.

The device can be installed in either a vertical or horizontal orientation.

It is recommended that this device be installed by a licensed plumber, according to local plumbing codes. In installations where the maximum supply pressure exceeds 750kPa, a pressure reducing device MUST be installed at the inlet side of the device.

Step 1.

The Commercial Edge is designed to be installed to a new or existing pressurised system. Ensure that the system facilitates a connection to the device, comprising of a 50mm (nom) UPVC Pressure Pipe at both the inlet and outlet. Nominal pipe pressure rating should be appropriate for the system pressure. If system pressure exceeds 750kPa, install a suitable pressure reducing device on the inlet side of the Commercial Edge.

For Pool installation see instructions over page.

Step 2.

Ensure the system is turned off and drained of water. Make a clear area of at least 55mm around the circumference of the pipe section where the device is to be installed. Ensure you have at least 700mm of straight length in which to install the device and that the inlet and outlet pipes allow at least 15mm of flex/movement along the axis of installation.

Step 3.

Carefully cut and remove a section of the pipe of no less than 390mm to allow installation of the Commercial Edge in-line (if installing to an existing system). Install the supplied Pipe Adapter fittings using a 'Type P' PVC Pipe Cement that conforms to AS/NZS3879. Ensure the method of jointing is carried out as per the cement instructions. Remember to install the supplied union collars onto the inlet and outlet pipe sections before cementing the Pipe Adapters in place (See Figure 1).

NOTE: Measure the section to be cut away carefully, taking into account the size of the Pipe Adapter fittings supplied.

Step 4.

Install the device, ensuring the 'direction of flow' marker on the Commercial Edge is aligned correctly (see Figure 1). Ensure the O-rings are seated correctly and be sure not to over-tighten the Union Collar screw connections. It should not be necessary to use a tool to tighten the Union Collars.

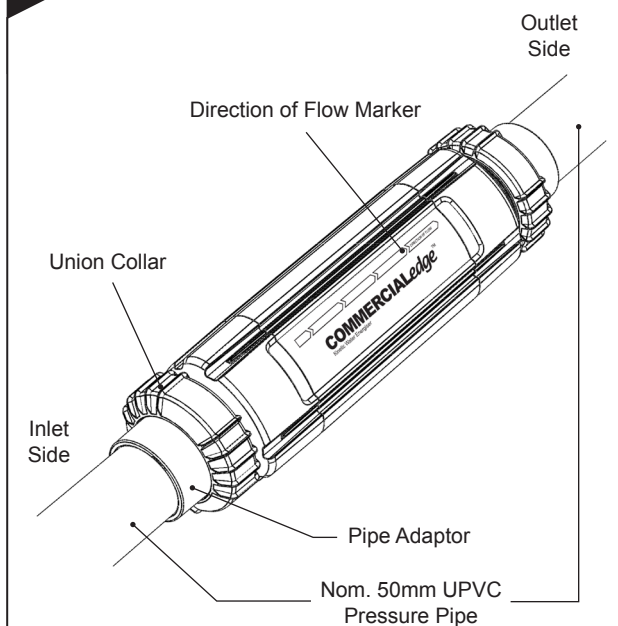
Step 5.

Turn on the system and slowly increase the pressure to normal operating pressure, whilst observing for leaks. If leaks are apparent from fittings, turn off water supply and rectify, ensuring maximum pressure ratings are observed. If leaks cannot be stopped and device appears faulty, return to place of purchase for exchange immediately.

Step 6.

After the device is installed and connections are observed to be sound, the system may be run as normal. Healthy Water Technologies Australia recommends that regular checks are made at connection points to ensure the system continues to function effectively.

Figure 1.



Use Guidelines

- Maximum operating pressure: 750 kPa
- Minimum operating temperature: 5°C
- Maximum operating temperature: 35°C

HWTA Product Range



Commercial Edge-CE01

Home Edge-HE01

Travel Edge-TE01



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Pool Edge Installation Instructions

For Salt Water Chlorinated Pools

1. Attach the Edge to the water line between the filter and the pool (but if no room then between the pool and the filter).
2. Disconnect the chlorinator.
3. For an average size pool add 2kg of buffer to raise the pH to a desirable level between 8 and 9 pH (more for a larger pool and less for a small pool or spa). Leave pump on.
4. On the 2nd day add half the weight in soda ash to lock in the pH. Leave pump on.
5. On the 3rd day mix a spoonful of copper sulphate in a bucket of water with some detergent so it will dissolve and broadcast around pool and leave pump on for another day. (Step 5 only needs to be repeated each 12 months or if algae appears).
6. Use chlorine tablets in the beginning to assist water purity.
7. Keep a drum of liquid chlorine on hand as rain shouldn't affect the pool but if pollen upsets the balance then **TURN OFF PUMP FOR AT LEAST 8-10 HOURS**. Add the chlorine after the sun has left the pool and stir around with your brush. This allows the chlorine to do its job and when the pump comes on to clean the pool the water is energised again and toxins neutralised.

For a New Pool

As above except for step 2.



Model: CE01

COMMERCIALedge™
Kinetic Water Energiser

Performance data sheet



Designed in Australia

This product is not a water filter and makes no claims as such.