

Thank you for buying a EGON product.

We design these products for a long working life using the best components we can find. We also design them to be easy to install, so that anyone can easily do a high-quality job. Please read the guides and safety instructions before you begin your installation. They're on page-2. And they're important.

And have fun and enjoy your installation!

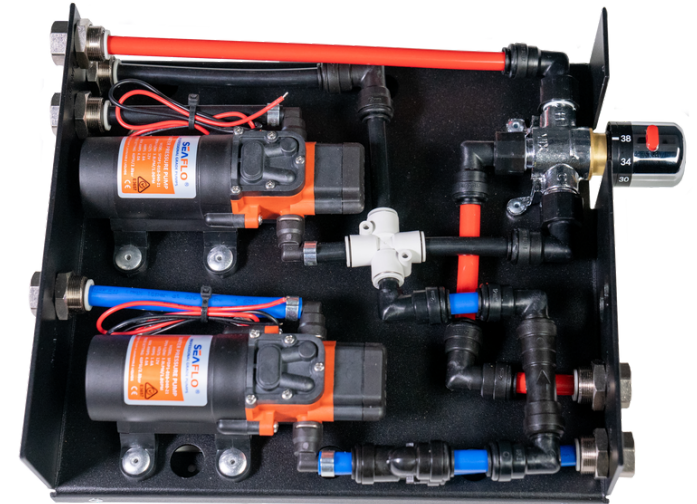
Best wishes from the inventors,
Heiner Klarman and Andrew S White.

Scan this code with your device to access the installation guide web page

<https://www.egon.com.au/water-hub/instal>



INSTALLATION and OPERATIONS MANUAL



EGON WATER-HUB



WHAT IS A EGON WATER-HUB?

Congratulations. You have just purchased a remarkable cost and time-saving device called the EGON Water-Hub. This device enables you to travel with the least amount of water in your drink water tank by separating your shower / washing water source from your drink water source. It has got two completely separated water circuits. When you turn on the switch with the blue led your tank water pump will turn on and pressurise the tank water circuit. When you turn on the switch with the green led your external pick up pump will pressurise the external pick up water circuit. The pumps have got an inbuilt pressure switch and will turn on automatically when you use water, as long as the switch is turned on.

Tank Water Circuit supplies both the TAP and the SHWR outlet on the side of the Water Hub.

External Pick Up Circuit will only supply the SHWR outlet.

The two water circuits are internally disconnected from each other. This prevents clean drinking water in your tank being contaminated by any external water source. That means you can collect water from rivers, lakes, etc for showers or for washing up and using an external pick up hose dropped into a bucket or stream, it being sucked into through the Water-Hub and distributed to the SHWR outlet. This is ideal for your washing or showering when Water-Hub automatically mixes the warm water source (e.g. water boiler, gas water heater etc.) and water from the external pickup.

Your TAP outlet cannot be supplied from the external pick up because it would contaminate the tank pump and the tank itself. This means you will not get any water out of the TAP outlet when you turn on the External Pick Up Circuit. Only cold water can come out of the TAP outlet.



You can connect any water heater to the HW IN and HW OUT circuit. HW OUT is the cold water supply to the water heater of your choice and HW IN is the hot water supply from the water heater to the Water-Hub. The mixer valve on the side of the Water-Hub will automatically mix hot and cold water to supply at the desired water temperature to the SHWR outlet. With dropping temperature in the water heater the valve will automatically mix more hot with less cold to keep the desired temperature steady. This way you will lose a minimum of water because you never have to manually adjust water temperature. Just pre-set the mixer valve turn on the shower hose and within seconds you have got perfectly tempered hot water in your shower.

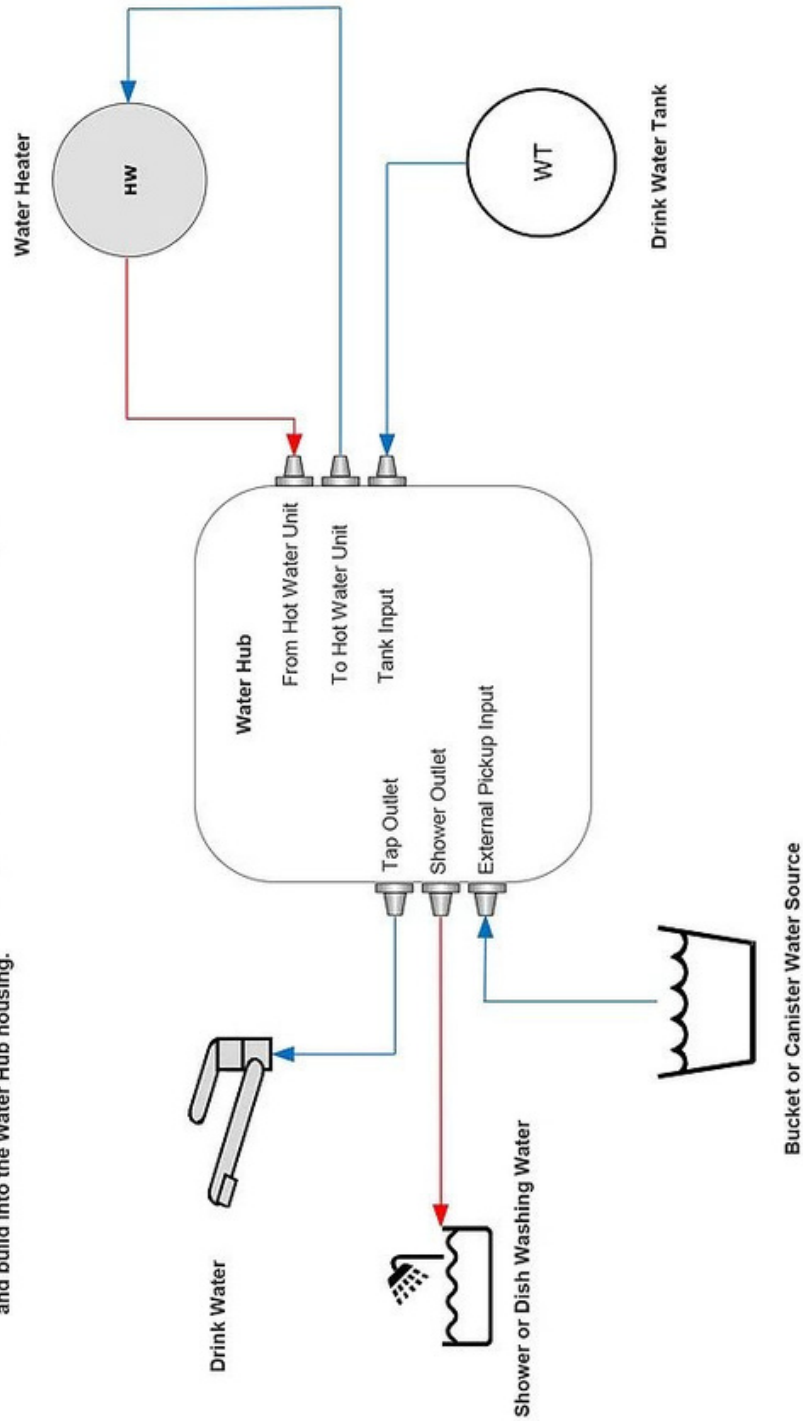
The External Pick Up hose connects on the other side to the port that is labelled EXT:

HW OUT is the cold water supply to your water heater and HW IN is the hot water supply from your water heater to the Water-Hub.

TANK is the connection from your drink water tank to the Water-Hub.



The Tap or drink water outlet will only be fed by the tank and only with cold water.
 The Shower outlet can be fed by either the tank or the external pickup input and the water temperature is controlled by the temperature control valve which is adjustable and build into the Water Hub housing.



Plumbing Connections:

The fittings on the Water Hub are all 3/8 BSP and easily available at most plumbing supply shops. If you purchase the optional EGON Water Hub Hose Kit it will come 3 x quick connect fittings that screw into the Water Hub.

EGON Hose Kit Shower Head, Tap Outlet, and External Pick Up.



SUPPORT

Scan the Q-Code above to be taken to the EGON website's installation page. Support and additional installation information can be found here: (type these links into your browser window).

Website: <https://www.egon.com.au/>

Email: support@egon.com.au

YouTube: <https://bit.ly/EGONYoutube>.

SAFETY FIRST

Please read these instructions and guides BEFORE you begin your installation. They will save time, improve performance and keep you and your vehicle/installation safe.

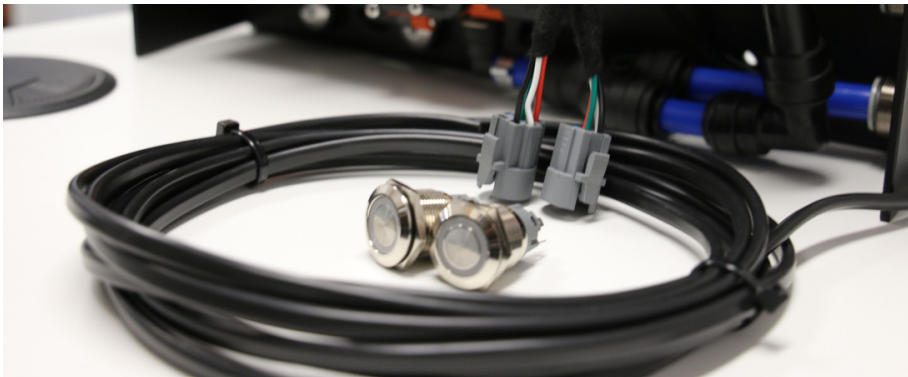
Optional kits that support the Water-Hub

Two kits are available:

EGON Water-Hub Electrical Connection Kit.

This Kit consist of a connection harness for the pumps, the switches that are included in this kit and a 4m long cable that gets connected to a 15A 12V DC source.

This kit is optional to make it easier to integrate a Water Hub in an installation where the switches need to be placed separate to the Water Hub. You can integrate the switches into your vehicle dash and simply run a twin core cable to each pump. This way you can install the Water Hub in a less accessible position.



EGON Water-Hub Hose accessory kit

While the EGON water-Hub can be used with almost any shower rose or adapted to fit any tap, we have done a lot of research and found an outstanding shower rose that is very effective at providing a great shower with minimal water usage. The rose can also be adapted for use as a sprayer and kitchen cleaner.



In the Box:

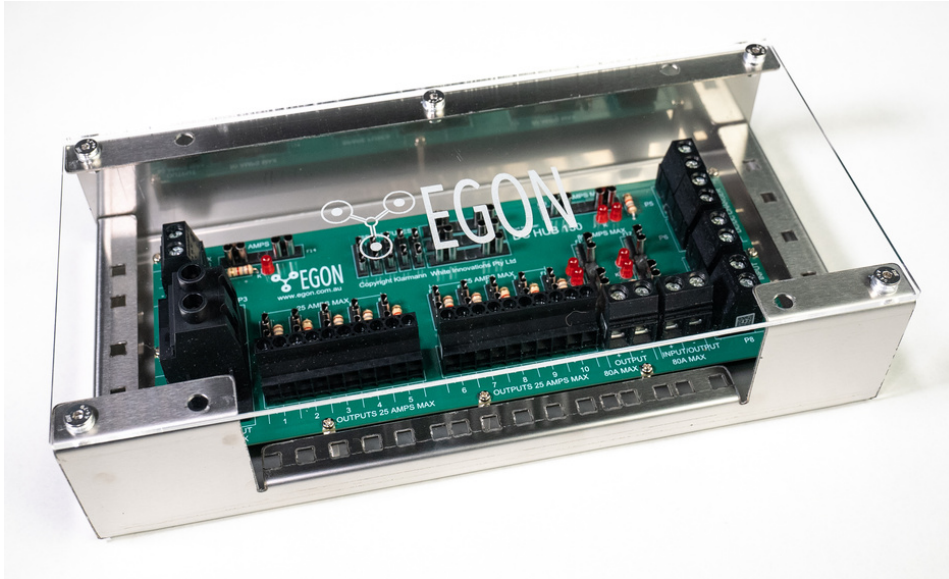
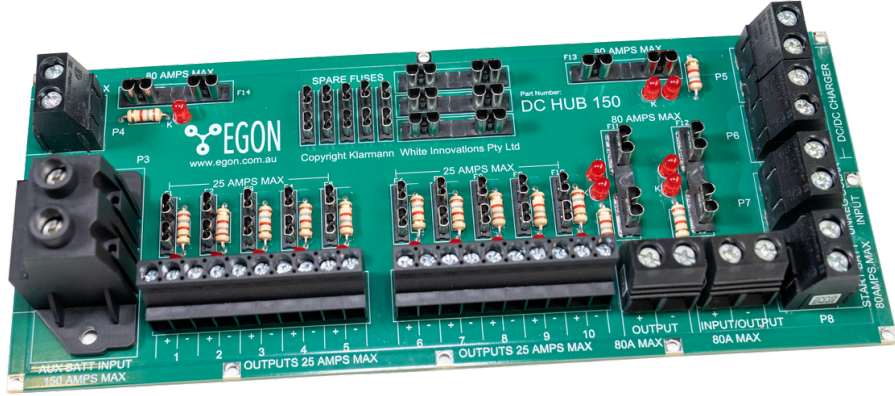
The kit includes EGON Hose Kit Shower Head, Tap Outlet, and External Pick Up and 3 x quick connect fittings.

Your shower, kitchen and external pickups are now ready to install.

THESE KITS ARE AVAILABLE SEPARATELY WHEREVER EGON PRODUCTS ARE SOLD

**DOING A DC INSTALLATION IN YOUR BOAT, 4WD OR CARAVAN?
WANT TO MAKE IT A SIMPLE DIY TASK?**

THEN ASK FOR THE EGON DC-HUB.



AVAILABLE WHEREVER EGON PRODUCTS ARE SOLD

WIRING DIAGRAM FOR DC-DC CHARGERS DC-Hub 2.0



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