



INSTALLATION & OPERATION MANUAL



EVO CONNECT



1. Introduction

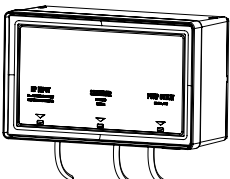




The Evo Connect, is a clever device that serves as an interface between your heat pump and sanitising system for your swimming pool. It works by creating a separate circuit between the sanitising and heat pump inputs, which results in more efficient and cost-effective pool operation.

In simpler terms, the Evo Connect helps you save money on your pool's running costs by allowing the heat pump and sanitising system to work together smartly. It ensures that both systems function optimally while minimising unnecessary energy consumption, ultimately making your pool maintenance more efficient and affordable.

SPECIFICATIONS		
Volts Input	Vac	220-240
Amps Input - Max.	Aac	10.00
Amps Output Pump Max.	Aac	9.90
Total Power Consumption	W	24
Frequency	Hz	50/60
Power Cord		10A Australian Approved + piggy-back type
Wall Mounting		Simple Click On – Clip OFF
Ingress Protection Rating		IP35
Evo Connect Dimensions	mm	220 x 135 x 90
Shipping Dimensions (LxWxH)	mm	310 x 230 x 115
Net Weight	kg	1.0

*For continuous improvement and optimal performance, specifications may be modified without notice.

1.1 Packaging

Contents			Required Tools	
Evo Connect	Instructions	2x Red Wall Plugs with Screws	Drill with 6mm drill bit	No. 2 Phillips head screwdriver
				

2. Safety

This manual provides vital information on product installation, operation, and safe usage. Share this with the equipment's owner/operator. Always adhere to basic safety measures during installation and use. Failure to do so may lead to severe injury or equipment damage. Please read and comply with all warning notices and instructions in this manual.

- The Evo Connect case contains live components, creating an electric shock hazard if opened. Seek assistance from the EvoHeat or their agent to replace a damaged power cord and avoid hazards.
- Only a qualified person should install the product in accordance with AS/NZS 3000 wiring rules.
- The Evo Connect should be installed in the correct pool zone and connected to supply via a power outlet that is protected by a residual current device (RCD) having a rated residual operating current not exceeding 30mA. The power outlet should have a degree of protection suitable for the pool zone.
- To reduce the risk of injury, ensure that people lacking experience and knowledge are supervised or instructed before using the appliance. Do not allow children to operate the device.
- For safety reasons, service must only be conducted by a qualified pool service professional after disconnecting from the mains power supply.
- For servicing, rely on qualified pool service professionals or contact EvoHeat to arrange one.
- DO NOT PLUG IN IF CARTON IS WET.

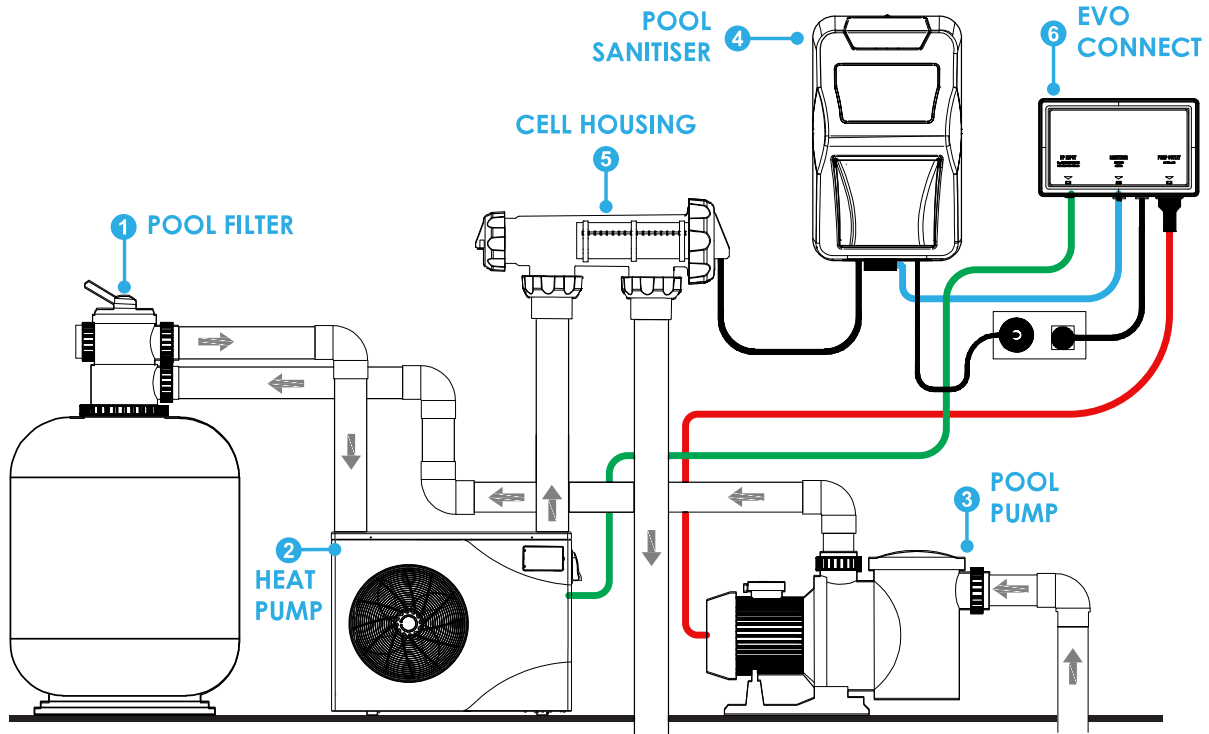


When using the Evo Connect:

- Observe all applicable local, state, and federal safety regulations.
- Take proper precautions with prescribed environmental and operational conditions.

It is important to maintain your Evo Connect, please periodically check for any wear on the leads to and from your box and for any leaks from any associated close by pool equipment have which may impact it.

3. Installation



STEP 1: Remove the contents from the box and carefully plan all steps using the installation diagram and by reviewing the steps below.

STEP 2: Position the Evo Connect as indicated in the installation diagram, ensuring it is NOT too close to other equipment or power outlets but close enough to the Sanitiser, Pump, and Heat Pump power supply so the piggy-back power cord can plug in to its socket outlet and the Heat Pump Interface Cable can ready the heat pump.

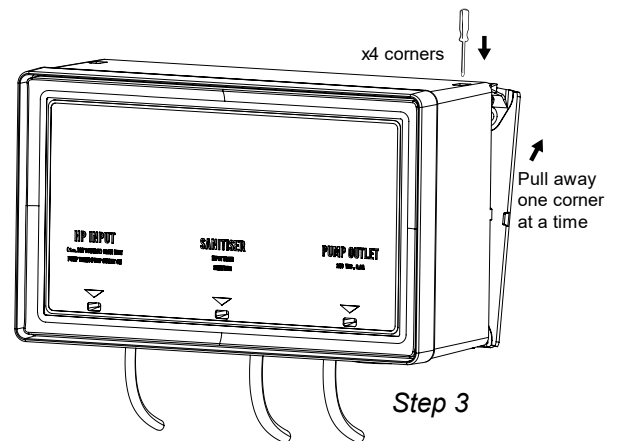
STEP 3: Attach the Evo Connect controller to the wall by removing the simple “Click ON – Click OFF” wall mounting bracket that is attached to the controller case. Use the wall plugs and screws provided.

STEP 4: HP INPUT: Fit the two pin terminals on the HP Input cable to the potential free dry contacts in the heat pump. This is a signal from the heat pump to turn the pool pump ON.

STEP 5: SANITISER INPUT: Fit the piggyback point from the Evo Connect Sanitiser Input to the AC Socket outlet on the Sanitiser.

STEP 6: PUMP OUTLET: Plug the power cord from the pump into the AC Socket on the base of the Evo Connect.

STEP 7: Connect the plug top at the rear base of the Evo Connect to a wall power socket.



Step 3



When connecting to the Heat Pump ensure the two pin terminals connect to a potential free contact. This connection must be performed by the Heat Pump installers only. Any voltage on this connection will lead to Evo Connect failure and void warranty.

4. Operation

The Evo Connect will operate under the below conditions as indicated by the LED display:

Heat Pump Demand	Sanitiser Demand	Pool Pump Status
OFF	OFF	OFF
OFF	ON	ON
ON	OFF	ON
ON	ON	ON

5. Troubleshooting

Fault Condition	Potential Cause	Remedy
Evo Connect not turning pump ON	EVO CONNECT inputs not plugged in	<p>Check that the pump is securely plugged into Evo Connect AC socket.</p> <p>Check that an input signal is getting received from HP Input or Sanitiser.</p> <p>Check that Evo Connect power cord is plugged in to a wall socket and there is power at that point.</p>
Evo Connect HP Input LED is not ON	No demand ON signal from the Heat Pump.	Check that the HP Input cable is receiving a closed contact from the Heat Pump. The Evo Connect sends a 5Vdc signal to the Heat Pump and receives it back to turn ON the pool pump.
Evo Connect Sanitiser LED is not ON	Sanitiser power lead is not plugged in securely to the sanitiser or no demand ON signal from the Sanitiser.	Check that the Sanitiser piggyback plug is securely fitted to the sanitiser and that there is output from the sanitiser to turn the pool pump ON.
Evo Connect Pump Outlet LED is not ON	No signal for it to turn on.	Check that there is a demand ON signal from the Heat Pump and Sanitiser.

6. Part Numbers

CODE	DESCRIPTION	CODE	DESCRIPTION
N00305-1	Base Body	N01379	Front Sticker - CAS LED VERSION
N00306	Wall Bracket	N01400	Case Front Cover
N01364	Power Cord - c/w Piggyback Socket	N01401	PCB – Evo Connect

7. Warranty



Refer to the EvoHeat website for warranty details

<https://evoheat.com.au/warranty-terms/>

1. Warranty terms are from date of purchase.
2. This warranty excludes any defect or injury caused by or resulting from misuse, abuse, neglect, accidental damage, improper voltage, vermin infestation, incompetent installation, any fault not attributable to faulty manufacture or parts, any modifications which affect the reliability or performance of the unit.
3. This warranty does not cover the following:
 - a) Natural Disasters (hail, lightening, flood, fire etc.)
 - b) Damage resulting from any animal or creature (including vermin, reptiles and insects)
 - c) Rust or damage to exterior coatings, materials, and cabinet caused by corrosive atmosphere or weather/environmental conditions
 - d) When serviced by an unauthorized person without the permission of Evo Industries
 - e) When a unit is installed by an unqualified person
 - f) When failure occurs due to improper or incorrect installation
 - g) Where failure occurs due to failure of any other equipment connected in relation with the Evo Connect (e.g. power supply, water pump etc)
 - h) Where failure occurs due to improper maintenance or misuse (refer Operating Instructions)
 - i) 'No Fault Found' service calls where the perceived problem is explained within the operation instructions.
 - j) Costs associated with delivery, handling, freighting, or damage to the product in transit.
 - k) Where the unit has been relocated from its originally installed location
4. If warranty service is required, you should:
 - a) Contact Evo Industries Australia on 1300 859 933 or via our Contact page on our web site
 - b) Provide a copy of your receipt as proof of purchase
 - c) Have completed the online Service Request Form via the website www.evoheat.com.au/service-request/
5. Onsite technical service is available within the normal operating area of your Evo Authorised Service Agents. Service outside this area will incur a traveling fee.
6. Unless otherwise specified to the purchaser, the benefits conferred by this express warranty and additional to all other conditions, warranties, rights and remedies expressed or implied by the Trade Practices Act 1974 and similar consumer protection provisions contained in legislation of the States and Territories and all other obligations and liabilities on the part of the manufacturer or supplier and nothing contained herein shall restrict or modify such rights, remedies, obligations or liabilities.

REGISTER YOUR WARRANTY

EvoHeat highly recommend customers complete their warranty details online to ensure efficient warranty claim processing.

To register your warranty, scan our QR Code or head to our website and fill in the Warranty Registration Form: <https://evoheat.com.au/warranty-registration/>



SWIM EVERYDAY WITH EVOHEAT