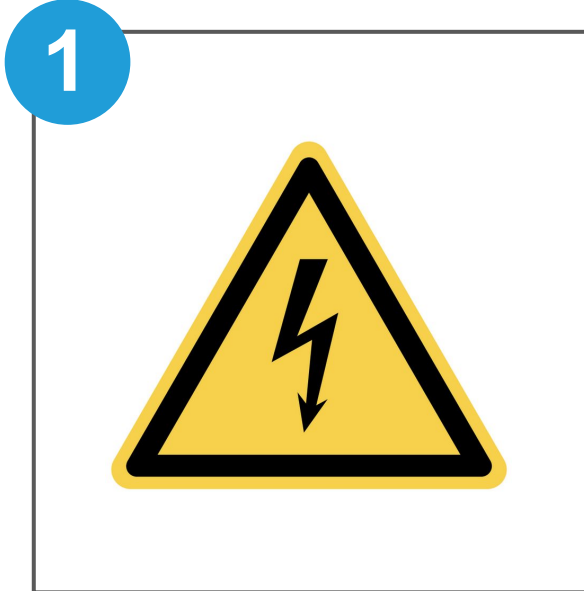# Combined Energy

Atmos Frost HEMS Adapter

CET-HD-AM2-1

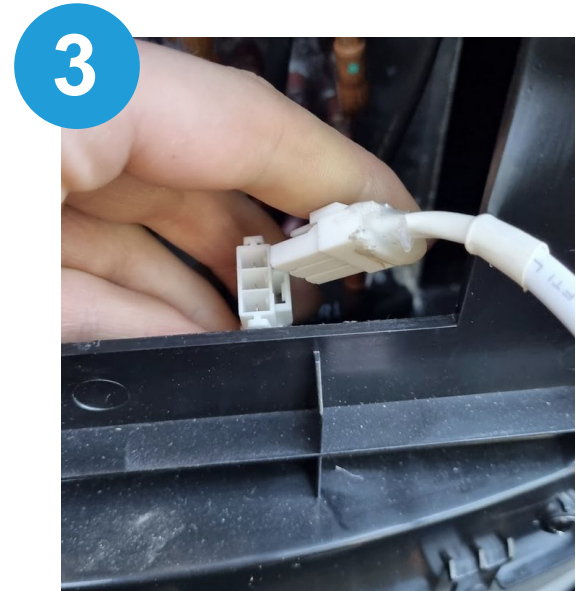## Installation Quick Guide

Note: The Atmos Frost HEMS Adapter is only compatible with EMU HEMS systems
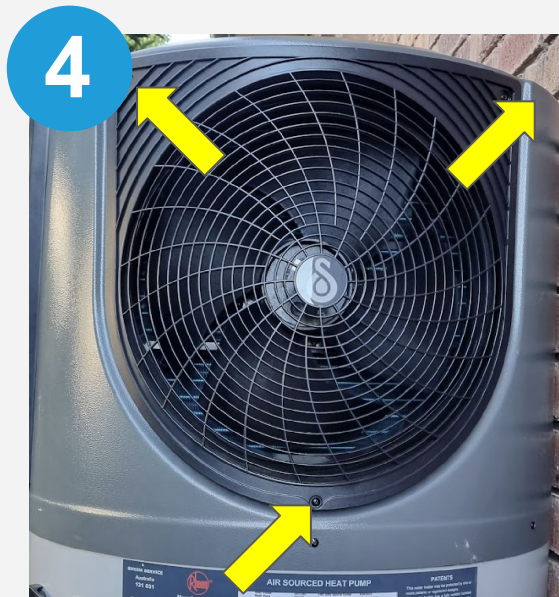
1

Isolate power to the water heater before disassembly

2

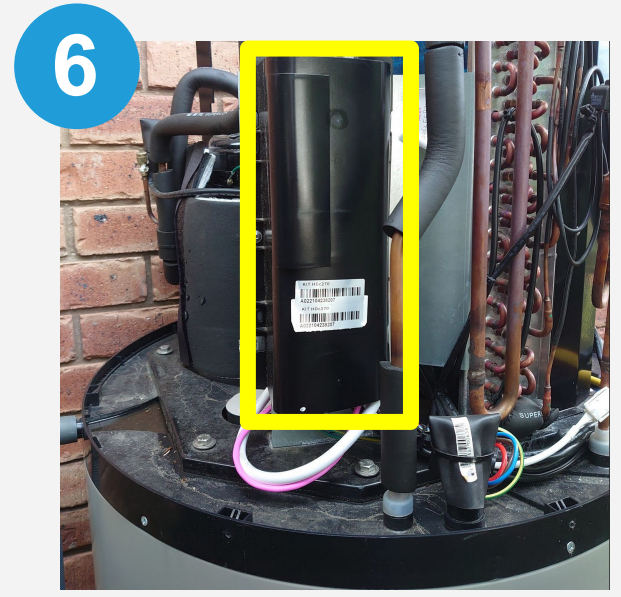Pop the Display Panel off its mount by pulling firmly on the bottom corner(s)

3

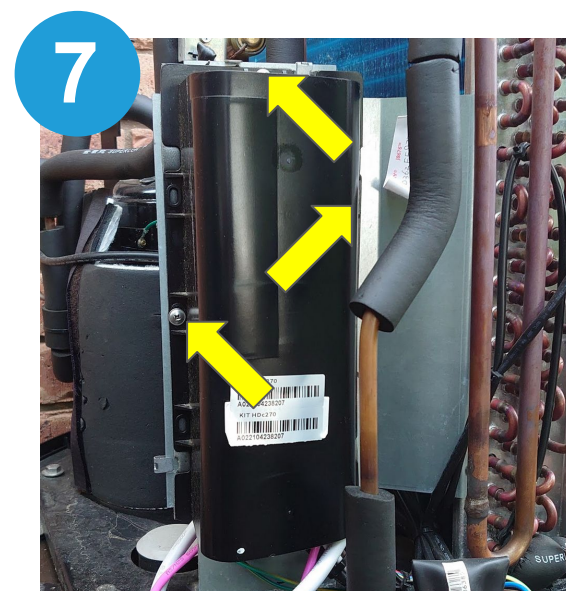Disconnect the Display Panel cable

4

Remove both fan covers by removing the three screws and pulling away from the heater

5

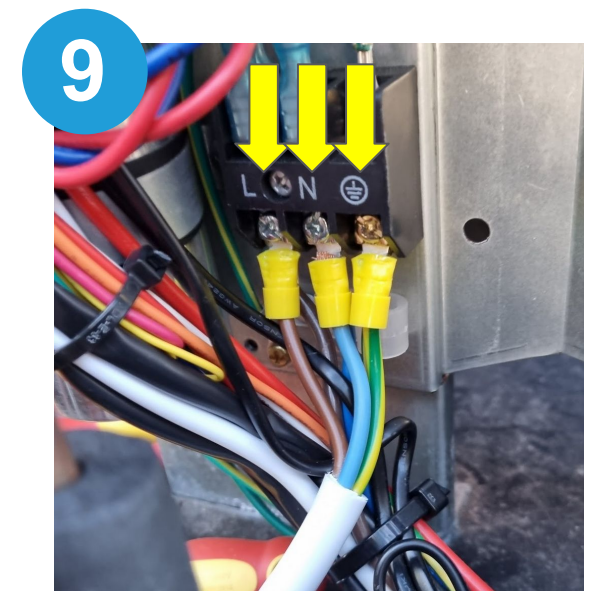Remove all screws securing the Top Cover onto the heater jacket

6

Remove the Top Cover from the water heater and locate the Heat Pump Controller module

7

Remove the screws holding the Heat Pump Controller cover in place to expose the Controller board
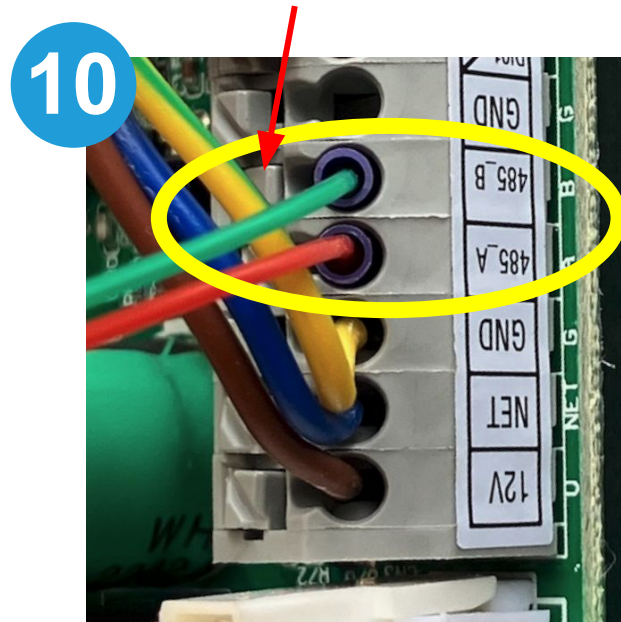
8

Mount the *CET-HD-AM2-1 Atmos Frost HEMS Adapter* on the Controller frame by hanging it on the folded sheet metal hook indicated above

9

Connect the power harness from the Atmos Frost HEMS Adapter. The screws must be loosened, fork terminals from AM2 harness inserted, and then re-tightened

V3.6

Use a flat blade screwdriver to push in the terminal spring 'buttons' when inserting the RS485 wires
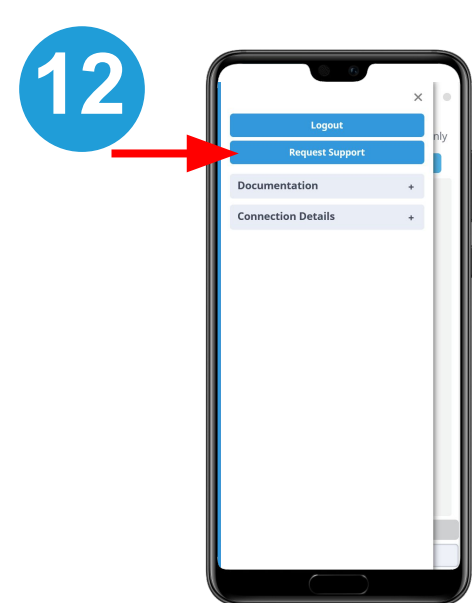
10

Connect the RS485 cable from the *Atmos Frost HEMS Adapter* to the Controller module. **Ensure the bootlace ferrules are fully inserted.**
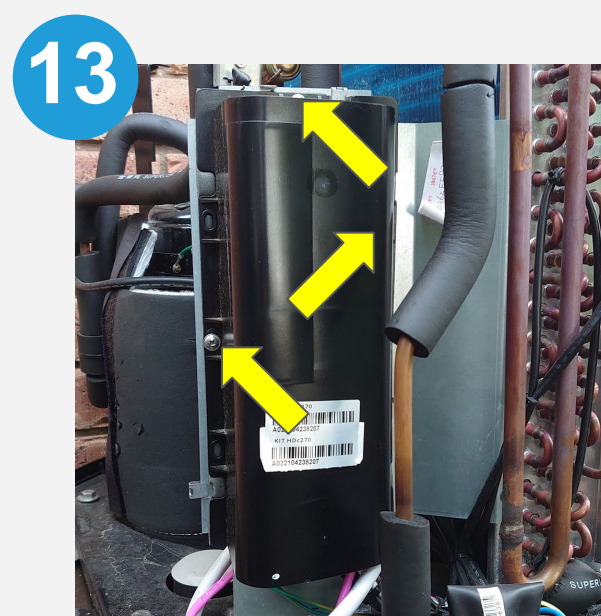**GREEN = RS485_B**
RED = RS485_A

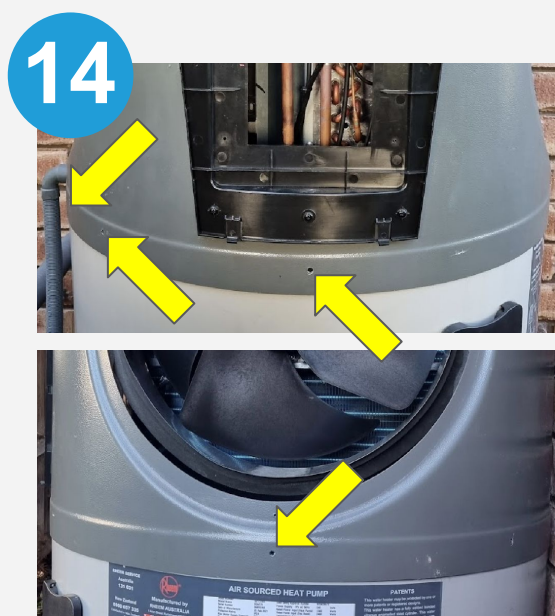**11**

At the switchboard, clip a CT onto the water heater supply wire for power monitoring (with the arrow pointing towards the water heater)

12

Before reassembling the water heater, contact CET Support using the *onSite* Installer web app to configure and test the water heater

13

Re-mount the water heater Controller cover and screws

14

Re-mount the Top Cover and screws
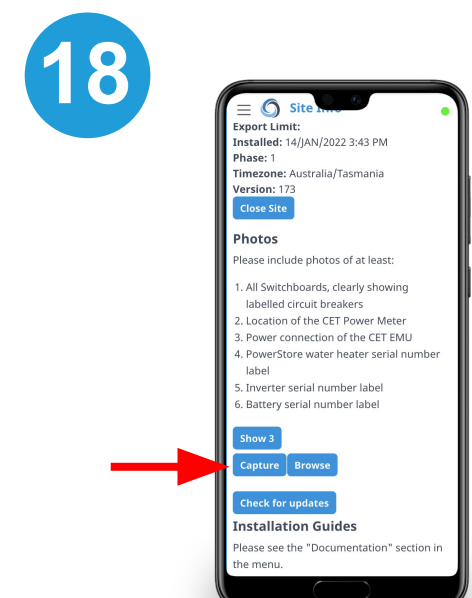
15

Re-mount the fan covers and screws

16

Fully **insert and latch** the Display Module Module **cable** and re-mount the Module on the water heater.
Ensure the Display Panel works correctly when the appliance is re-energised.

17

Affix the "HEMS Adapter Fitted" label to the jacket next to the bottom element cover

18

Upload photos of the installed water heater **rating label** and **circuit breaker** to the *onSite* web app

The CET *onSite* web app is available at: https://onsite.combined.energy