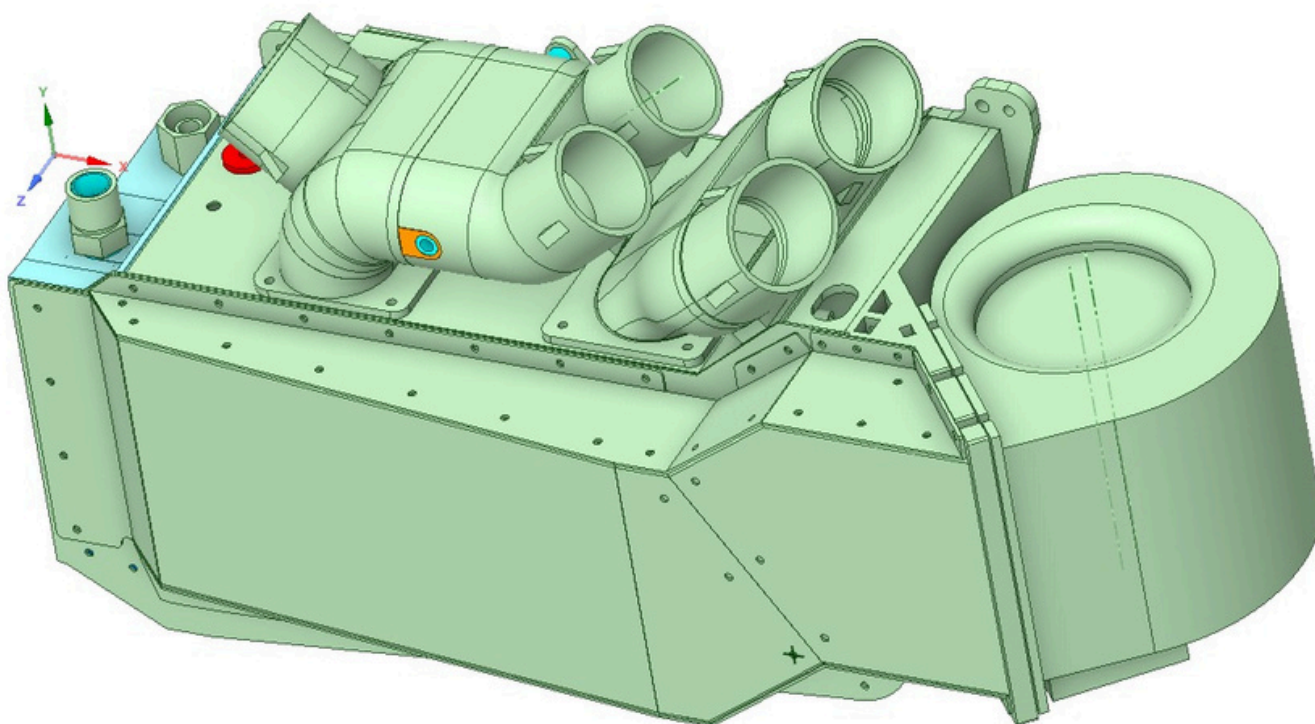


Fitting guide

# **The Climate Changer EVO 3 CC3000-BF**

12V Electric heating and air conditioning with windscreen defrost

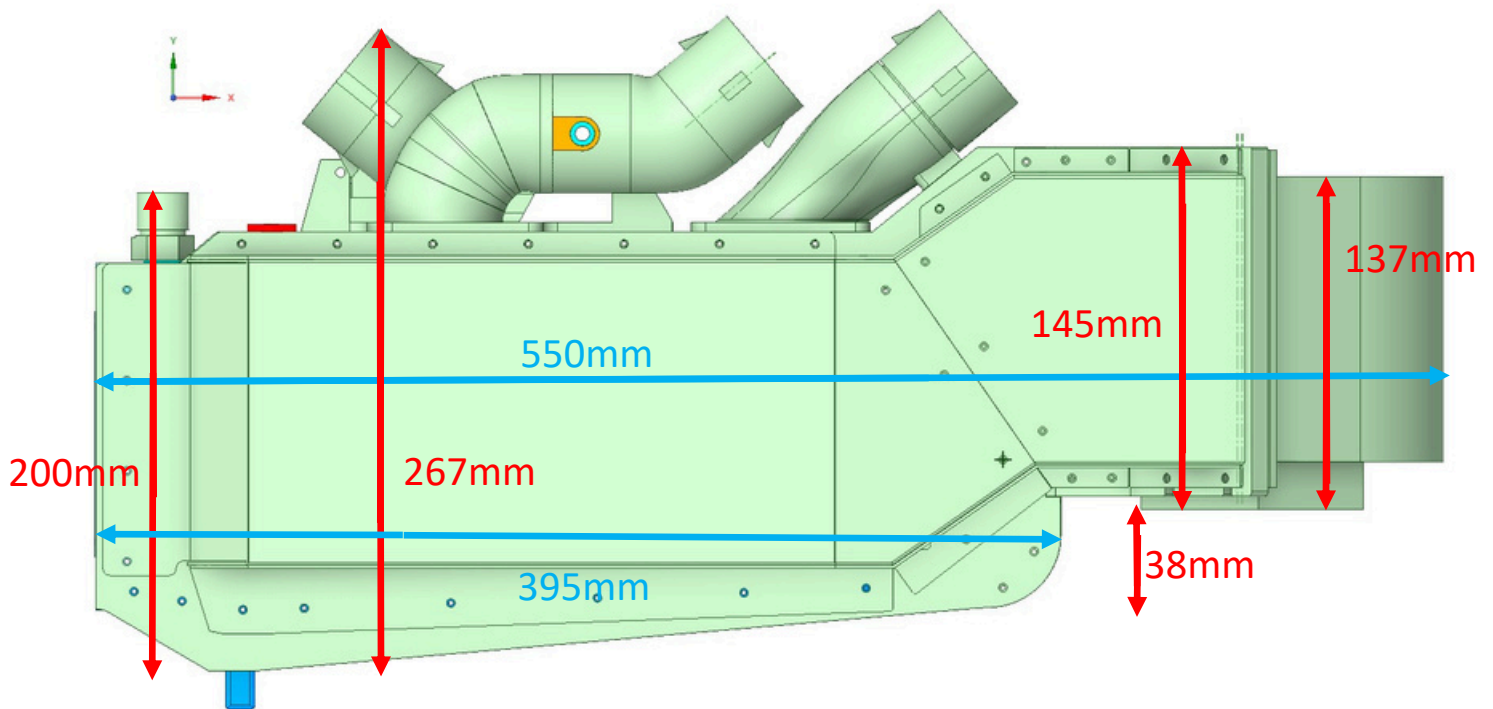


## What you will find in the box.

- 1.TheClimateChanger EVO 3 CC3000-BF main unit
- 2.Panelmountcontroller assembly
- 3.63mmI.DDuctfor face outlets
- 4.50mmI.DDuctfor defrost outlets
- 5.4xUniversalStraight mounting brackets
6. Bitumentape
7. Draintube

## The Climate Changer EVO II CC2000-BF Dimensions

Depth from front to back is 200mm



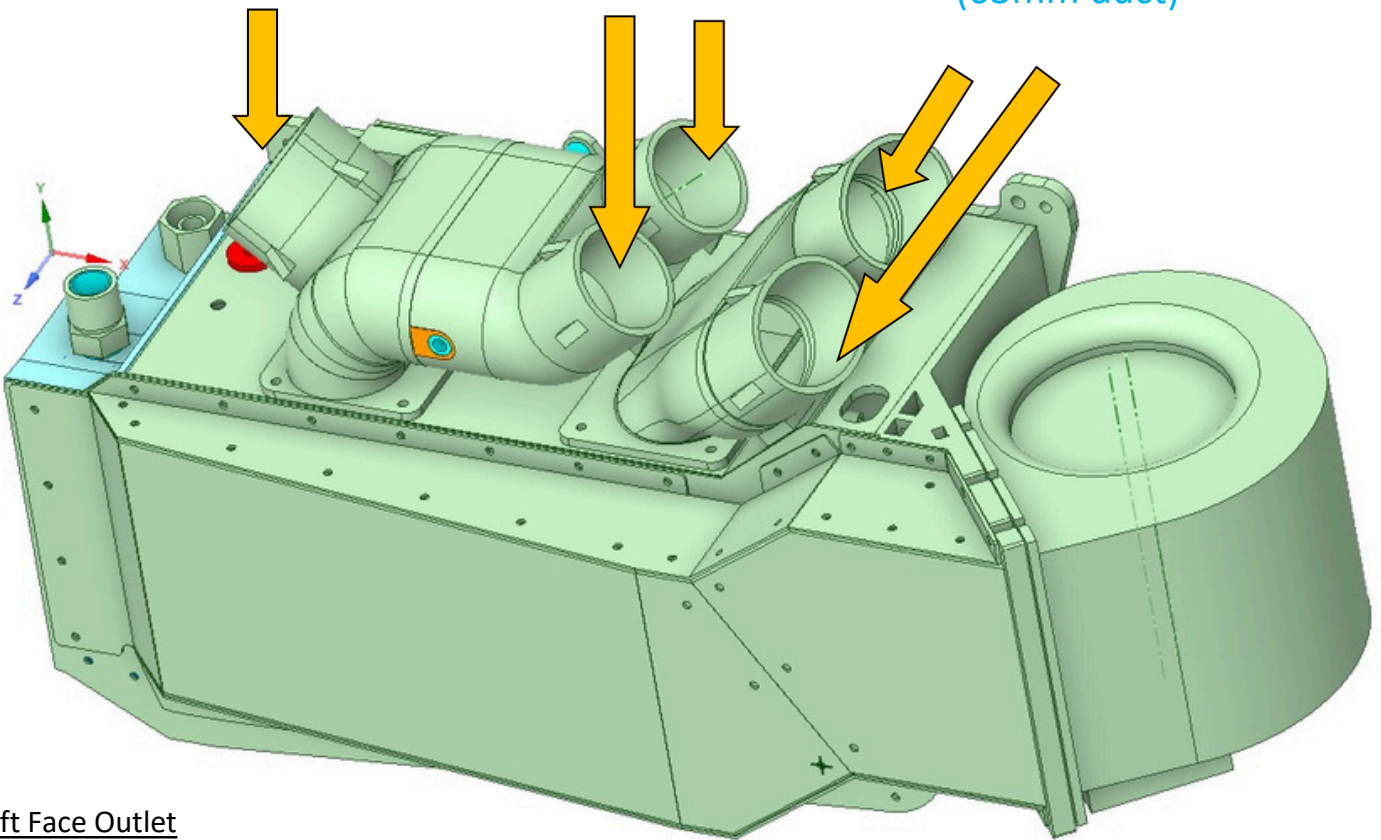
This unit MUST be mounted in the position that the above picture shows.

# Air outlets

Left Face outlet  
(63mm duct)

Defrost outlets  
(50mm duct)

Right & Centre Face outlet  
(63mm duct)



## Left Face Outlet

Runs to the left dash vent / stays on constantly when fan is running

## Right Face Outlet

Runs to the right dash vent / stays on constantly when fan is running

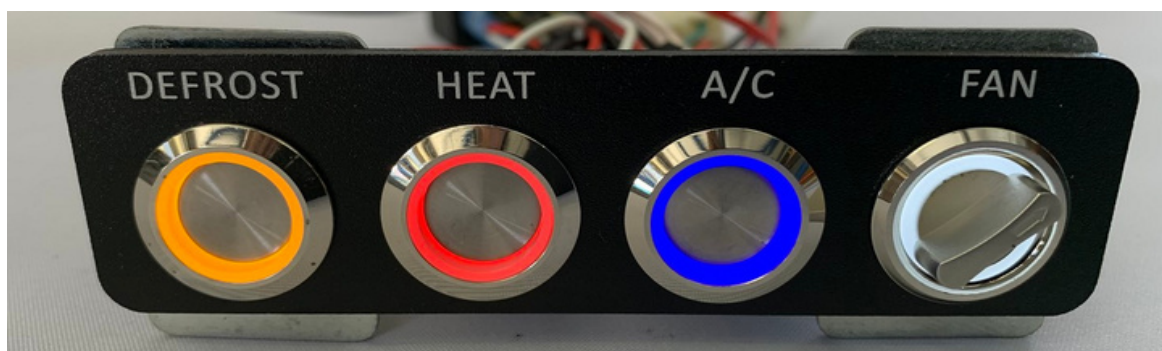
## Centre Face Outlet

Runs to the Centre dash vent / stays on constantly when fan is running

## Defrost Outlets

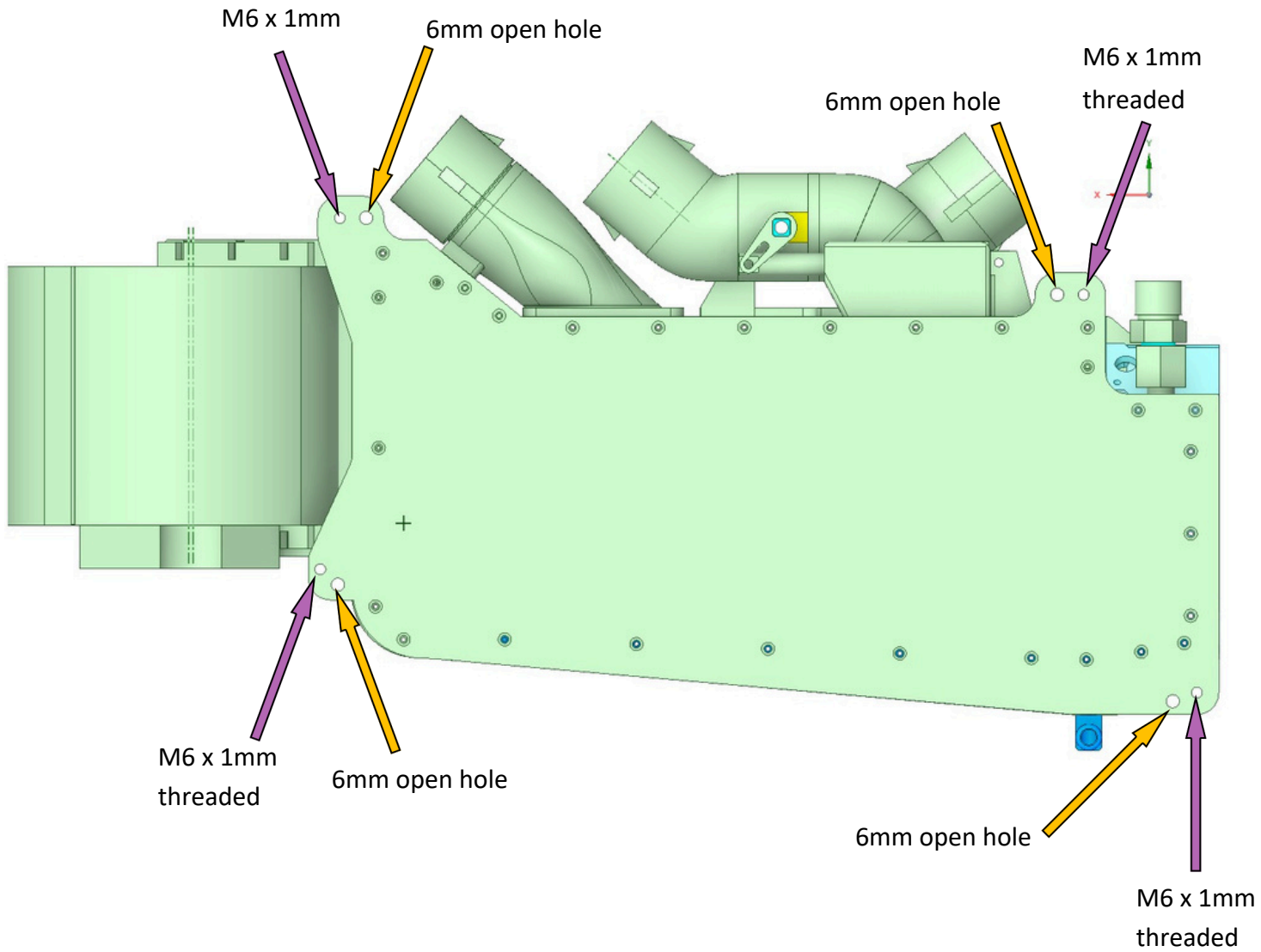
Both run up to the vehicles windscreen defrost funnels. There is an internal flap that opens when the 'DEFROST' button on the control panel is pressed 'on' (A yellow halo will illuminate around the button) with at least fan speed one selected. Pressing the 'DEFROST' button once again will turn the airflow off as the flap closes.

All switches are on in the below picture

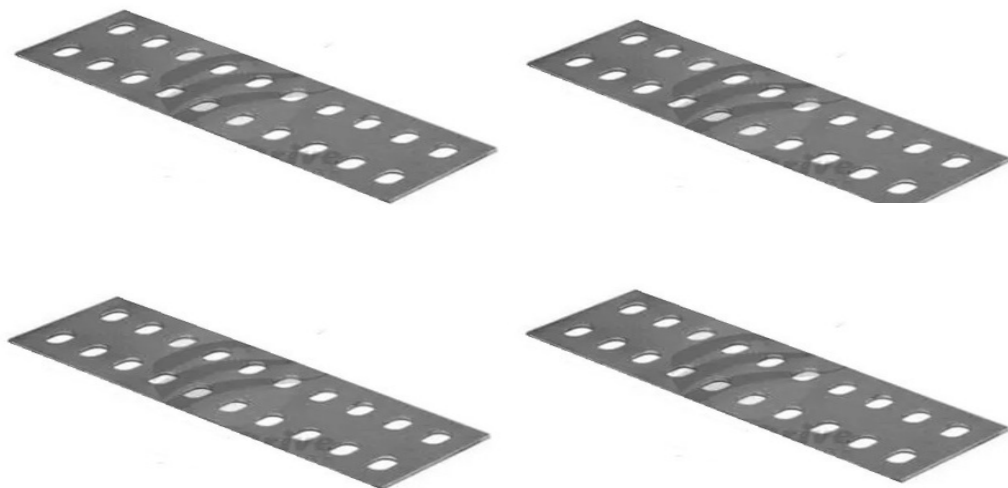


# Mounting points

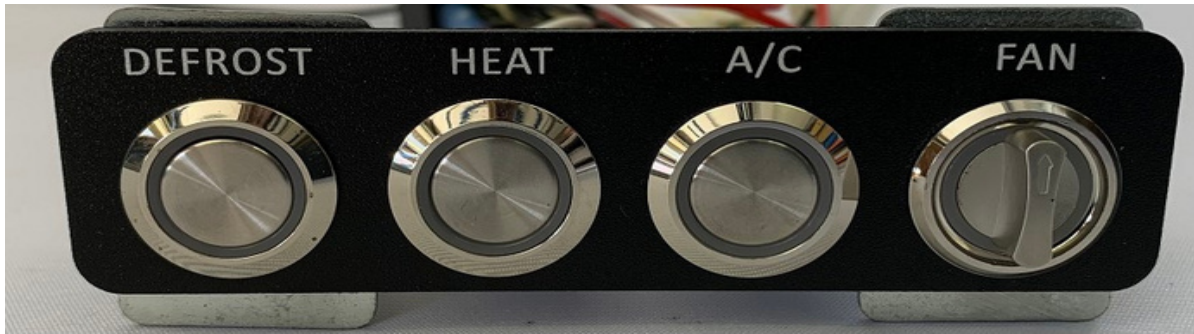
There are 4 x open 6mm holes for a bolt to pass through AND there are 4 x M6 x 1mm threaded holes to screw into on the rear 6mm thick aluminium mounting plate. You can use the 4 x brackets provided or mount your own way from these points



## Mounting brackets x 4



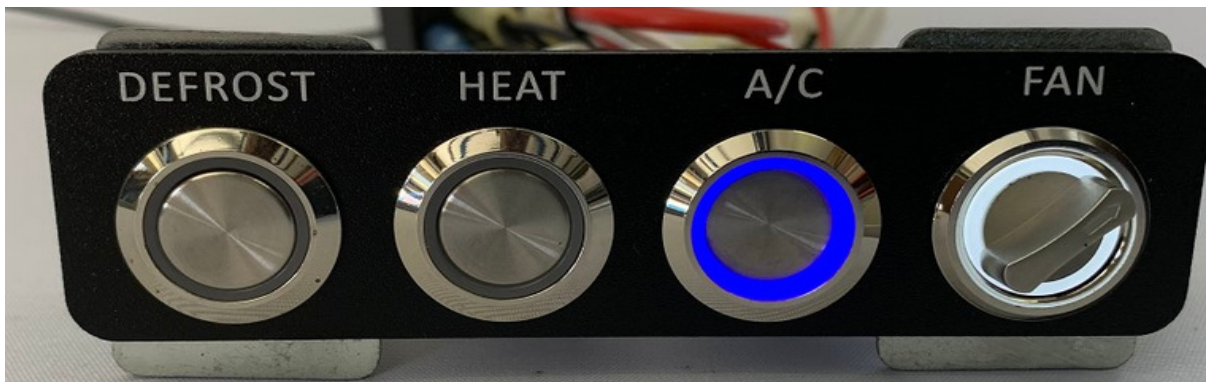
# Controller



The controller is in the 'OFF' arrangement in the photo above



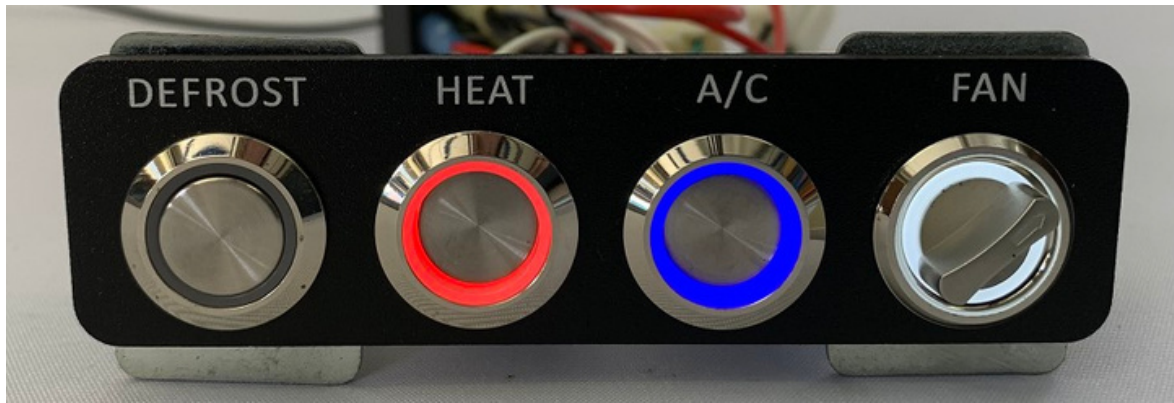
The controller now has Fan speed one switched in the photo above. No other functions will work unless the fan switch has been rotated to first or second speed.



The controller now has Fan speed one switched and the Air conditioning button is on in the photo above. The evaporator temperature is pre-set to cut the compressor out at  $-1$  degrees Celsius and cut back in at 8 degrees Celsius. Temperature cycling is controlled by a digital processor and will light up the temperature display when the A/C has been selected . Please see A/C temperature regulator below.



# Controller



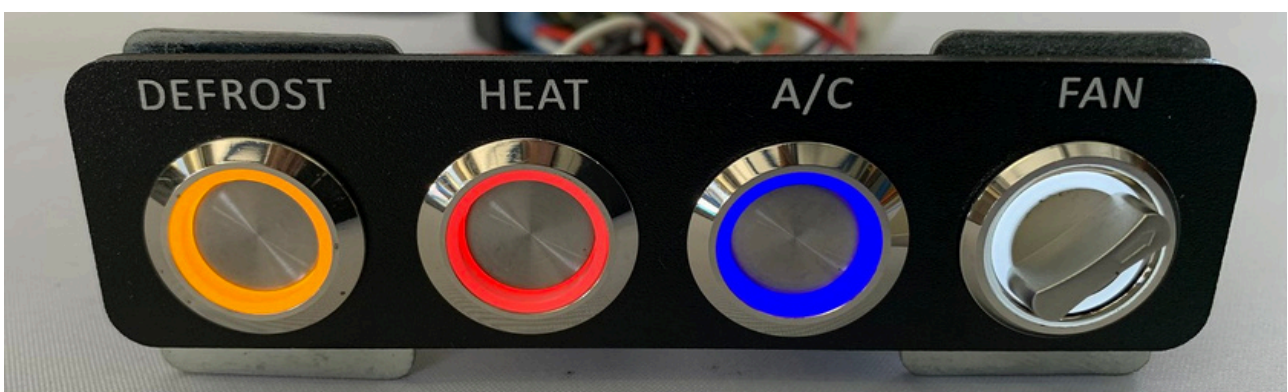
The controller now has Fan speed one switched and the Air conditioning button is on in the photo above as is the HEAT button. The heater is preset to cut out at 48 degrees Celsius and cut back in at 42 degrees Celsius. Temperature cycling is controlled by a digital processor and will light up the temperature display when the HEAT has been selected . Please see HEAT temperature regulator below.

**\*\*Please note that the A/C is off in the below image, only the heater is on\*\***

**The heat will not be red hot coming out of the vents, it is designed to be a volume heater which will warm a sealed vehicle slowly. Current draw approx. 42A**



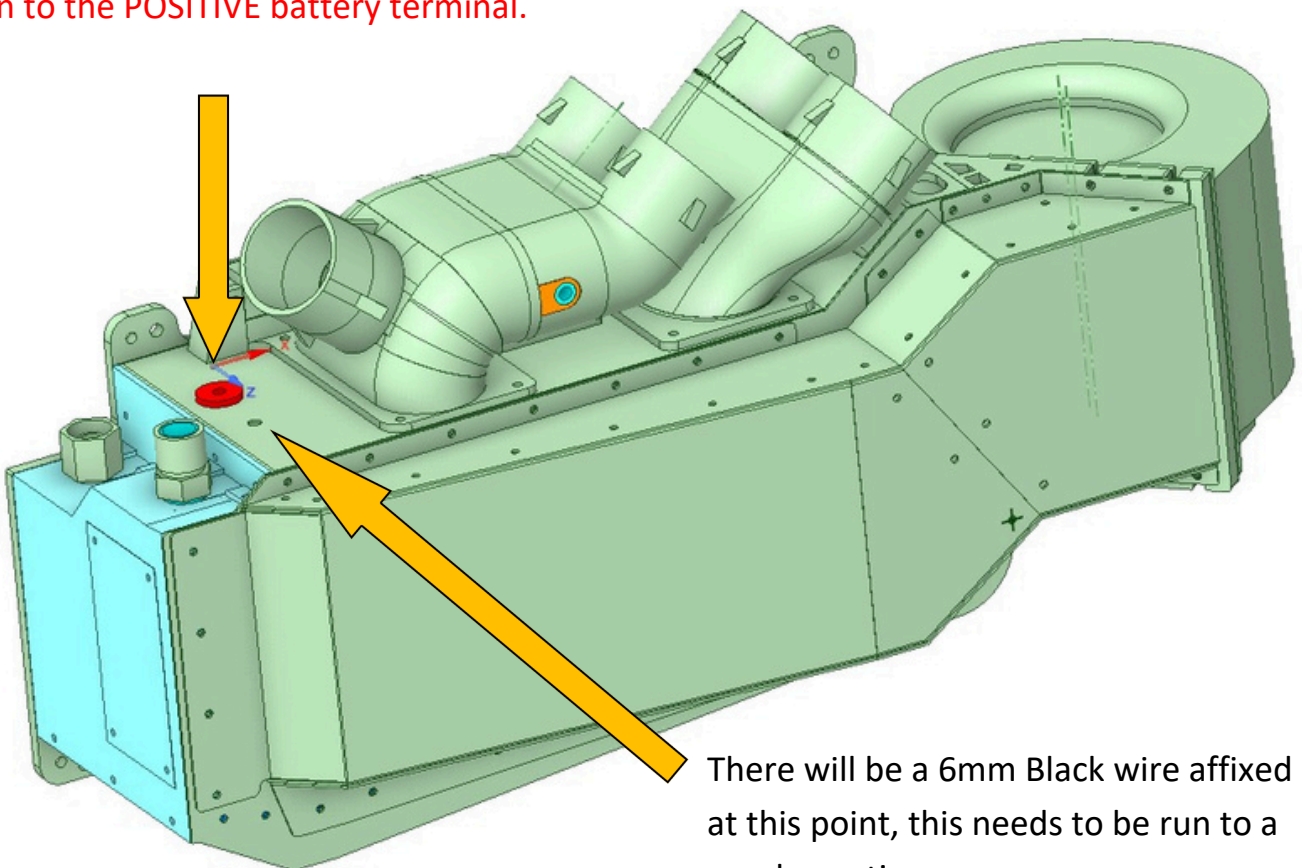
The DEFROST button has been switched on in the picture below. This will control the opening and closing of the DEFROST flap on the top of the EVO 3 via a mini linear actuator located at the rear of the unit.



## Climate Changer EVO 3 wire hook up

1. BLACK 6mm wire goes to a Negative source.
2. RED 6mm wire with PRE-FITTED circuit breaker goes to BATTERY positive.
3. BLACK 3mm wire leading to the controller goes to a negative source
4. RED 3mm wire with 5A Blade fuse holder inline goes to IGNITION  
RED 5mm wire with 20A Blade fuse holder inline goes to IGNITION
5. BLUE 3mm wire is the thermostat output wire and needs to run out to one side of the pressure switch that will locate in the drier once installed. Then you will need to run a wire from the other side of the pressure switch to the compressor clutch.

There will be a 6mm RED wire affixed at this point with a 50A circuit breaker fitted at the end of it., this needs to be run to the POSITIVE battery terminal.



There will be a 6mm Black wire affixed at this point, this needs to be run to a good negative source.