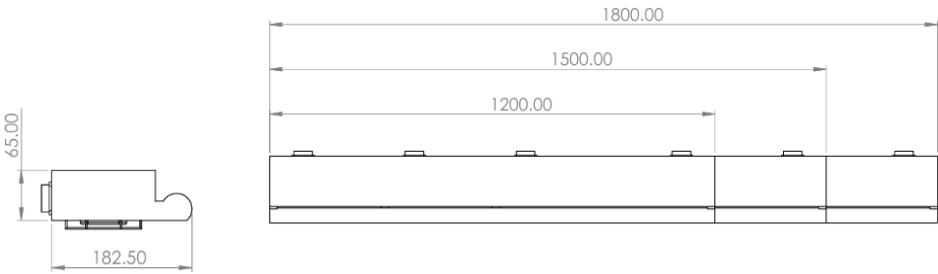
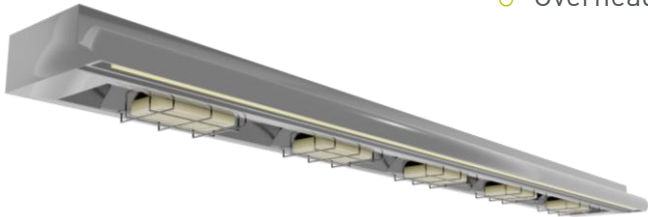


HB

OTSHB12  
OTSHB15  
OTSHB18

- Overhead ceramic heaters
- Overhead LED lighting

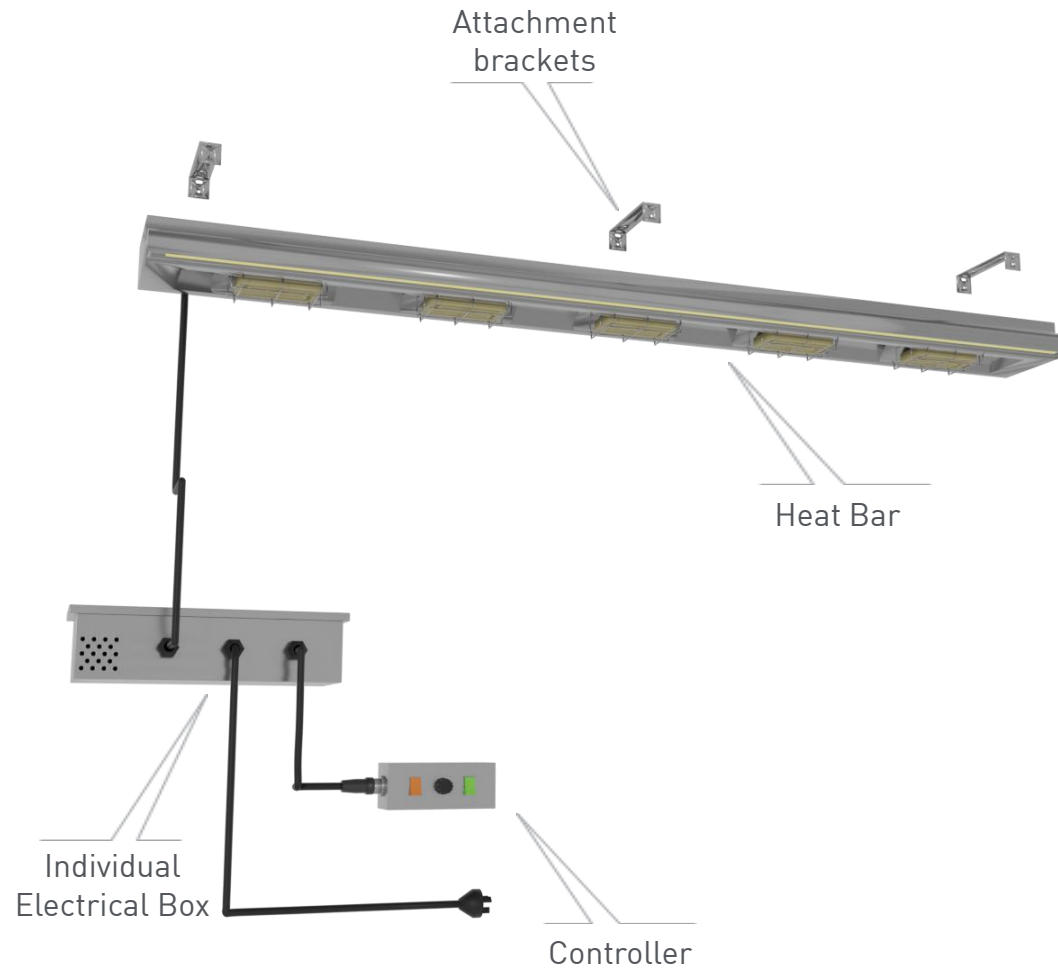


MODEL	CABINET				OPERATING TEMP	FREQUENCY	POWER		CONNECTION POWER CORD 2200MM		VOLTAGE	PACKED FOR SHIPPING			
	LENGTH (MM)	DEPTH (MM)	HEIGHT (MM)	WEIGHT KG	DEG C	Hz	KW 230V	AMP	NZ/AUS	UK 13 AMP	V	LENGTH (MM)	DEPTH (MM)	HEIGHT (MM)	WEIGHT KG
OTSHB12 OTSHB12S	1200	190	65	17	40-70	50	1.2	5.2	3 PIN PLUG 10 AMP	3 PIN PLUG	220-240	1800	365	200	19
OTSHB15 OTSHB15S	1500	190	65	21	40-70	50	1.5	6.5	3 PIN PLUG 10 AMP	3 PIN PLUG	220-240	2100	365	200	23
OTSHB18 OTSHB18S	1800	190	65	25	40-70	50	2.0	8.6	3 PIN PLUG 15 AMP	3 PIN PLUG	220-240	2400	365	200	27

## OTSHB

The OTSHB includes:

- 1x Heat Bar
- Attachment brackets
- 1x Individual electrical box
- 1x Controller



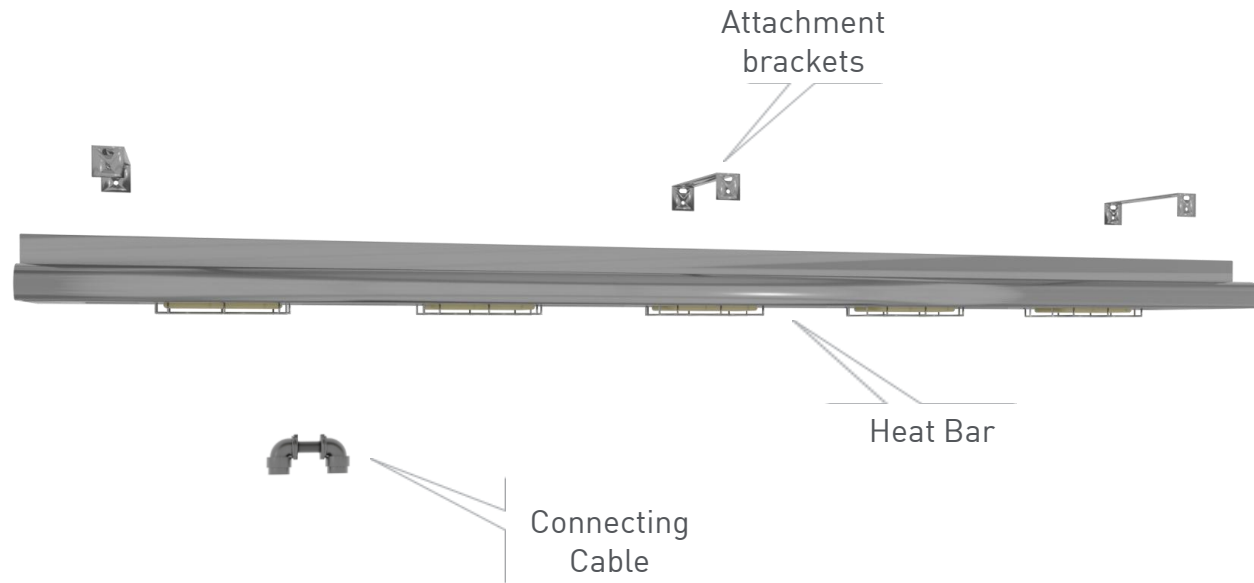
**All cables are 2 metres long and supplied in the OTSHB Package:**

- Power cable
- Controller to electrical box cable
- Electrical box to heat bar cable

### OTSHBS

The OTSHBS includes:

- 1x Heat Bar
- 1x Connecting cable (used to connect heat bars in series)
- Attachment brackets



### OTSEC

The OTSEC includes:

- 1x Series electrical box
- 1x Controller

**All cables are 2 metres long and supplied in the OTSEC Package:**

- Power cable**
- Controller to electrical box cable**
- Electrical box to heat bar cable**



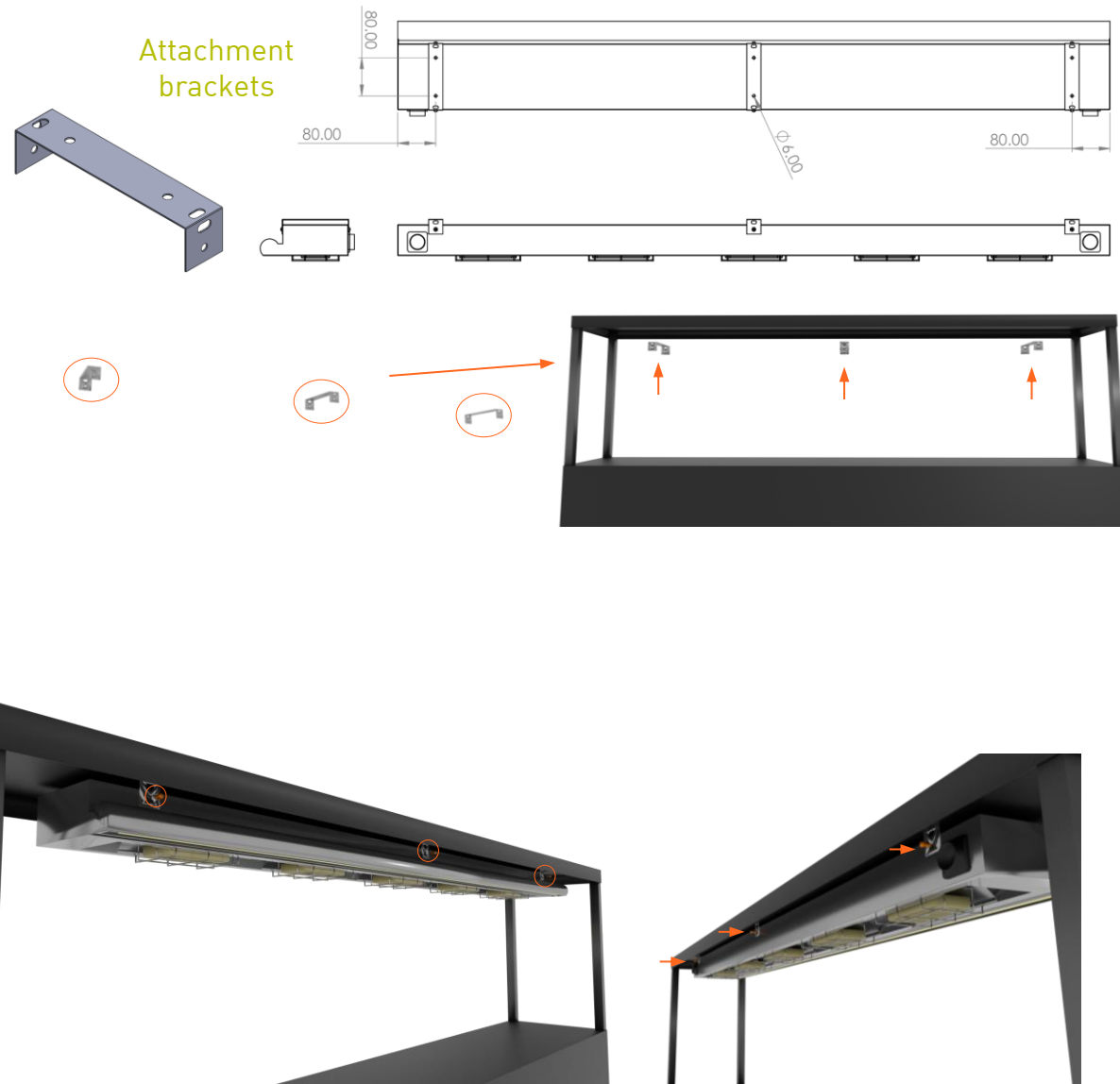
## Installation in Pass-through

The attachment brackets have been designed to be attached upwards before the heat bar is lifted into the brackets and screws are inserted along the front and back

There are 2 holes in each of the 3 attachment brackets for screws/bolts to be inserted through and attached to the ceiling of the pass-through setup

Ensure you measure the distance between each bracket when they are in position on the heat bar before you remove them

Once the brackets have been attached, the heat bar can be lifted into place inside the brackets. There are screws which need to be attached along the front and rear side, securing the heat bar to the bracket



## Connections/Wiring

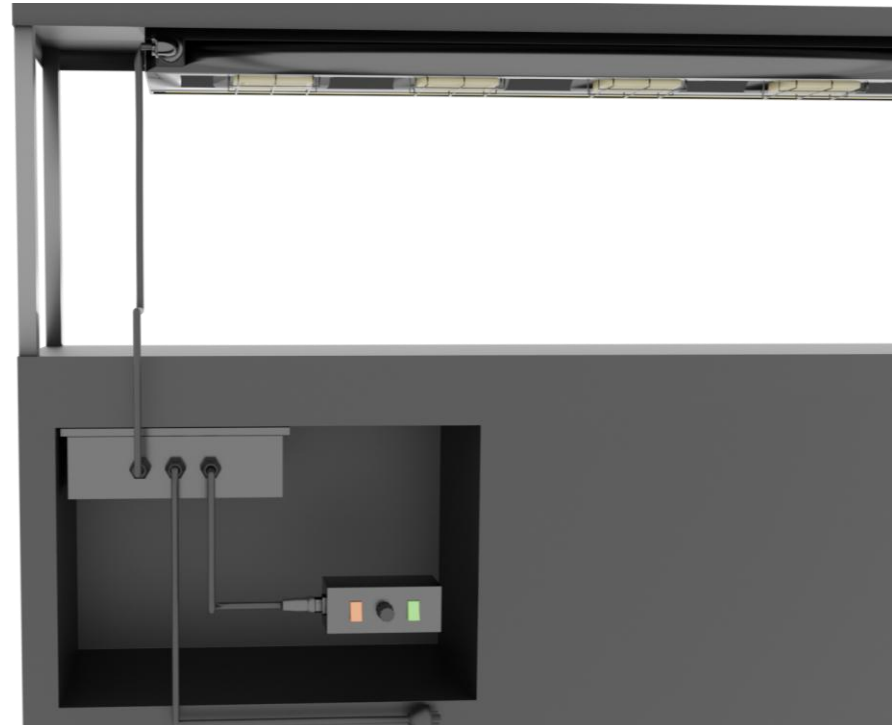
To connect the heat bar to the electrical box, plug the cable into the socket at one end of the heat bar



The cable running from the heat bar to the electrical box is 2 metres long, giving you flexibility as to where you store the electrical box

The controller is connected to the electrical box via a 2 metre long cable, again allowing for flexibility as to where you want the controller placed

The power cable, also 2 metres long, connects to the electrical box



## Connecting multiple Heat Bars in series

When running multiple OTSHBS heat bars in series, each heat bar still needs to be installed via it's own attachment bracket.



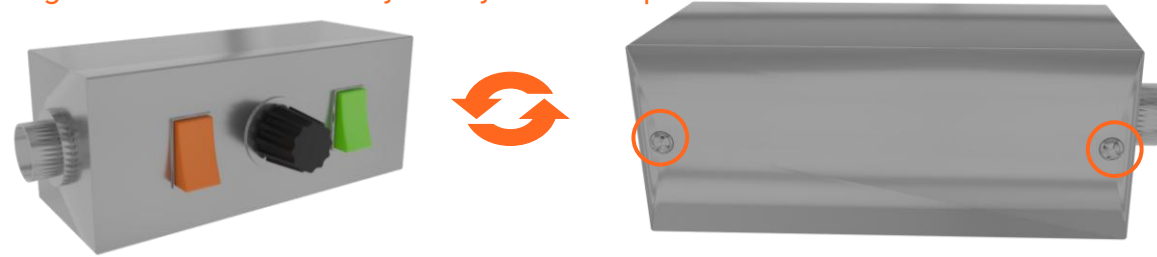
Once the heat bars have been installed into the pass-through end-to-end, a connecting cable can be plugged into the end sockets of each heat bar. Doing this allows up to 3 heat bars to run in series off one larger electrical box, one controller and one power cable.



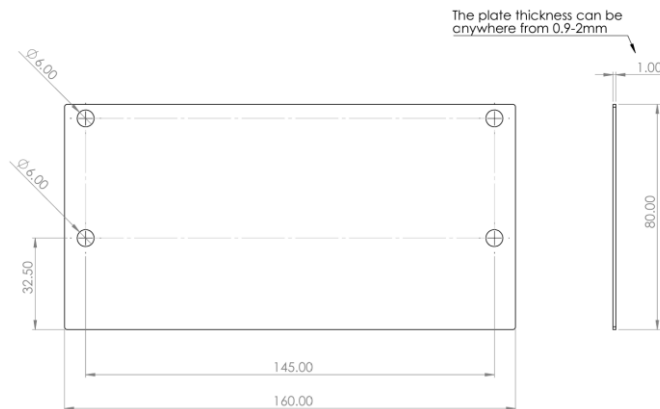
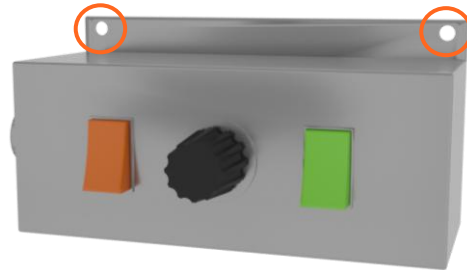
We do not supply any additional brackets for mounting of the controller box as there are many different mounting options. Here are some ideas of mounting brackets which may suit your set up

Our standard controllers have a plate on the rear which can be removed by unscrewing two screws. Once the rear cover is removed, a new cover with attachment tabs can be made to allow for the controller to be mounted in the desired location.

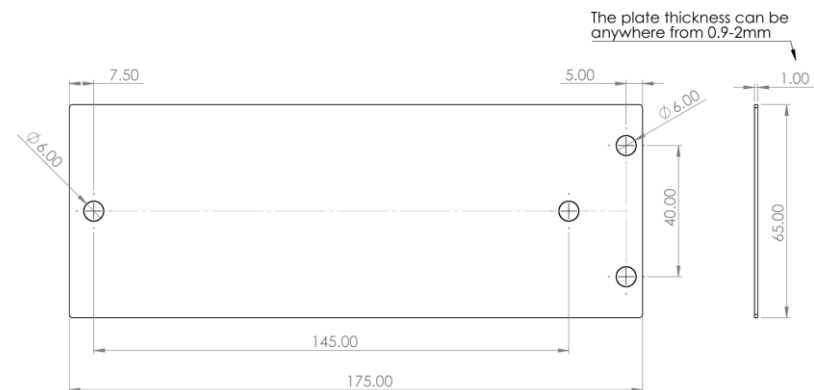
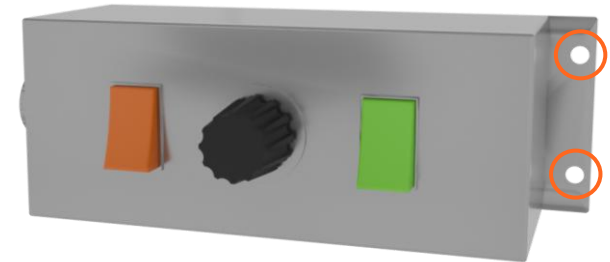
Below are two new cover options:



## Attachment tabs above



## Attachment tabs to the side



We do not supply any additional brackets for mounting of the electrical box as there are many different mounting options. Below is an option for mounting the electrical box which may suit your set up.

Our standard electrical boxes flanges on each end. These are 10mm tall and extend 10mm from each end of the box.



Below is an option for mounting the electrical box:

**Side rails which attach upwards underneath a bench**

