

## Installation Instructions – Heat-On FIR Radiant Heating Panels

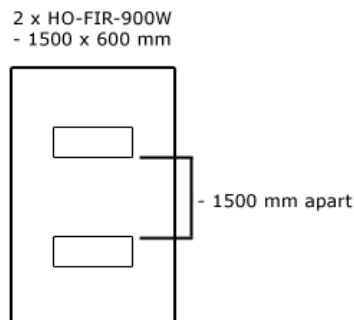
Before installation, you must read this guide for correct installation and use. If you have any questions in relations to installation or use of the product, please contact our Head Office on 1300 737 104.

### (1) Preparation

- a) The Heat-On FIR radiant ceiling heating panels are low consumption/wattage heaters designed for either main (central) or subsidiary heating for domestic or commercial heating applications.
- b) The heater is fitted with a short length (350mm) of flexible cable for electrical connection.
- c) The heaters should be connected as a fixed installation/hard wired by a licensed electrical person, according to the relevant electrical standards.
- d) In case of heater fault, the Head Office must be notified immediately, the appliance will then need to be returned to the manufacturer for repair or replacement.

### (2) Installation – Heater Panel Location

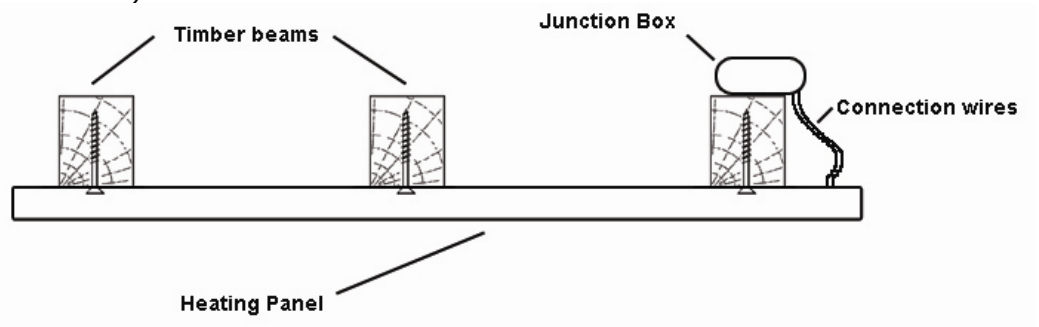
- a) Heater must not be closer than 300mm to adjacent walls.
- b) Heater must not be installed closer than 150mm from light fittings (down lights).
- c) Heater does not require any clearance between the back and the ceiling surface.
- d) The heater(s) are designed to heat with a minimum ceiling height of 2400mm and a maximum of 4000mm.
- e) When installing multiple panels in one room please ensure that the panels are spaced a minimum distance apart equal to the length of the specified panels.



- f) When installed in wet areas, the heaters must be installed so that switches and other controls cannot be touched by persons in the bath or shower.

### (3) Installation – Heaters

- a) Clean the ceiling and mark out the fixing points as per the recommended installation location.
- b) Mount the heating panels by fixing screws into timber (with the supplied countersunk head screws):



If there is no timber or metal studs ceiling/spring toggles can be used to firmly secure the heaters to the ceiling surface:



- c) The fixing torque needs to be fairly rigid to prevent any expansion/contraction movements while panels operate.
- d) Once panels are securely fixed cover the naked holes with the supplied hole plugs.



#### (4) Installation – Thermostat

- e) Connect the thermostat as per the thermostat installation instructions.
- f) Connect the heater wire/load circuit to the “load” terminals of the thermostat.
- g) Connect the power circuit to the “power 240VAC” terminals of the thermostat.



- h) When capacity is over 3600watts/15 Amps a magnetic contactor must be used for switching.
- i) After installation, set the thermostat temperature to over 25 Degrees C, wait for 90 seconds and then touch each heating panel to make sure they have been correctly connected.

#### Heat-on Heating Systems

P: 1300-737-104.

M: 0421-798-594.

[info@heat-on.com.au](mailto:info@heat-on.com.au)

[www.heat-on.com.au](http://www.heat-on.com.au)

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Postal Address:

Attn: Heat-On Systems,  
Unit 16, 1-5 The Crescent  
Dee Why, NSW 2099

