

# eCube Fitting Guide

The **eCube** is designed to mimic refrigerated product by covering the control probe/s of a refrigeration unit and preventing fluctuating air temperatures from spontaneously starting the unit. The construction of the **eCube** is an inner enclosure containing a high grade, non-toxic, food simulation contained by a plastic outer enclosure.

The eCube is designed to simulate your product allowing your refrigeration unit to run as the product temperature requires it.

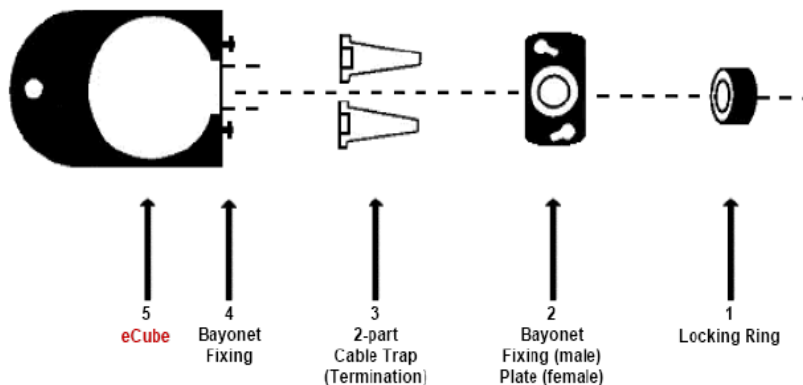
## Positioning of the eCube

The positioning of the eCube is dependant upon the position of the existing sensor or thermostat phial. Identify the position of the appropriate sensor.

## Fitting Instructions

1. Thread sensor and cable through locking ring (1)
2. Thread bayonet fixing plate 2 as A (hollow side of plate to left-hand side.)
3. Place two-part cable termination 3 on both sides of cable approximately 1cm from the probe.
4. Slide forward bayonet fixing plate 2 over two-part cable termination 3 and lock with locking ring 1.
5. Push sensor probe into recess inside the **eCube**.
6. Lock the assembly onto the **eCube** bayonet fixing 4.
7. Replace the sensor encased in the eCube where the thermostat was originally positioned.
8. The refrigeration engineer should decide whether the eCube should be affixed with a screw.

**Note:** To ensure it is fitted correctly, an eCube should be fitted by a refrigeration engineer.



## General

If a unit has more than one control sensor, an eCube should be fitted to both. Never fit an eCube to a defrost probe.

Little or no benefit will be obtained from the eCube if the equipment is faulty or if the eCube is not positioned in the cold air return.

### VERY IMPORTANT

**ONCE AN ECUBE HAS BEEN FITTED, THE REFRIGERATION UNIT WILL RUN COLDER DUE TO LONGER ON CYCLES, RESULTING IN A LOWER SET POINT (I.E. THE TEMPERATURE USUALLY DROPS BY 1 - 2°C). AFTER ONE HOUR THE TEMPERATURE SETTING SHOULD BE ADJUSTED UPWARDS (TYPICALLY 1-2°C) IN ORDER TO ACHIEVE THE ORIGINAL OPERATING TEMPERATURE.**

**WE DO NOT RECOMMEND THAT THE ECUBE IS FITTED TO ANY THERMOSTAT IN DIRECT CONTACT WITH THE EVAPORATOR.**