

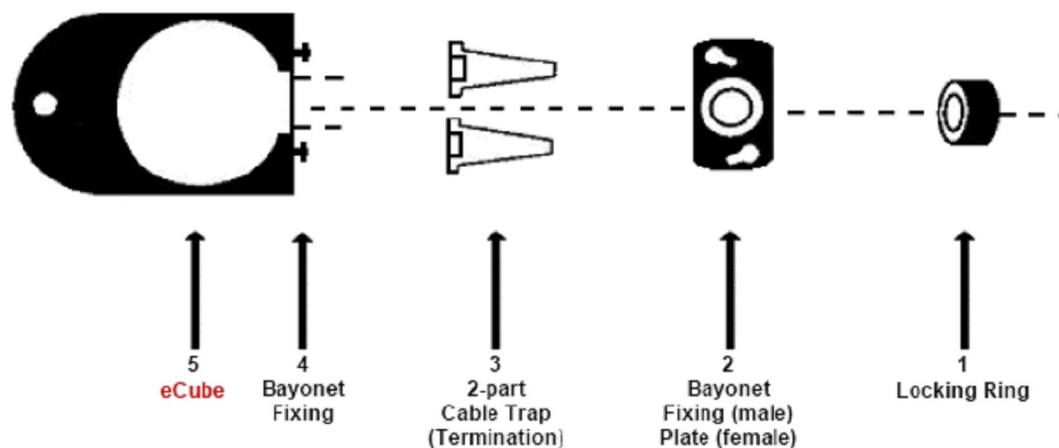
eCube Fitting Guide – EC101

Suitable for Fridges and freezers, the **eCube** is designed to mimic refrigerated product by covering the control probe/s of a refrigerator and prevent fluctuating air temperatures from spontaneously starting the machine.

The **eCube's** inner enclosure contains a high grade, non-toxic, microcrystalline wax enclosed in a plastic casing. The eCube's design allows refrigerator to run as the product temperature requires it.

Positioning of the eCube

The positioning of the **eCube** should be in the air-return, or in the same position as the existing 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.
9. After 20-30 minutes check unit temperature has pulled down and adjust set point up by 1-2°C if running colder the previously (remember you are now reading **eCube** temperature).

Note: It is recommended that the eCube is fitted by a refrigeration engineer.

General

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

VERY IMPORTANT

After an **eCube** has been fitted, longer 'on cycles' will typically lead to colder product temperatures.

It is recommended that you adjust the system 'set point' up by at least 1°C

in order to prevent it from working harder than required.

If you have a digital microprocessor, check the temperature of your fridge or freezer a few hours after fitting to see what adjustment can be made.

We do not recommend that eCube is fitted to any thermostat in direct contact with the evaporator. The eCube should not be fitted to blast chillers, ice makers or domestic refrigerators.

Please call +351 21 218 95 87 if you have any questions or go to www.ecubeenergysaving.com

NSR Protocol P235 Temperature Mimicking Sensors - Temperature Mimicking Sensors are not intended to monitor the air.