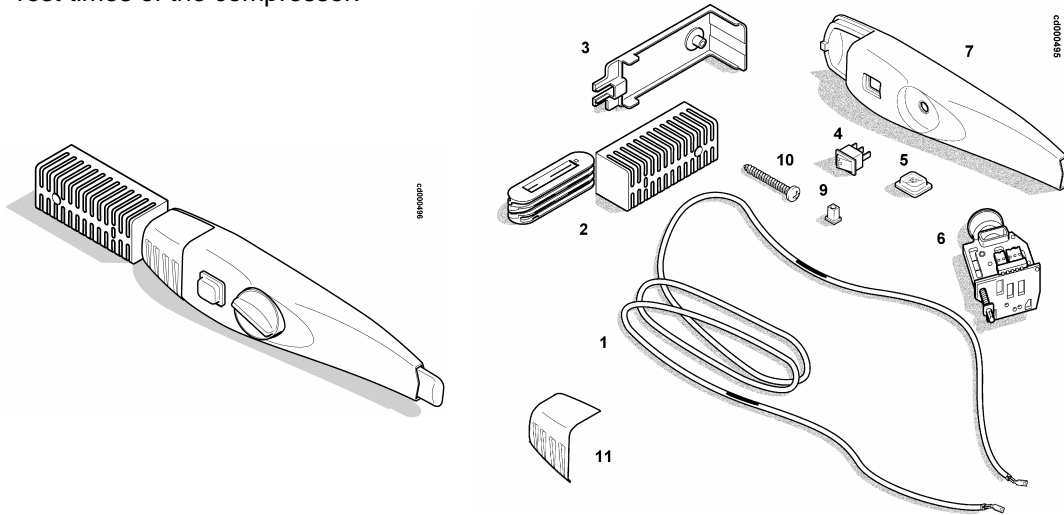




BALANCE HEATER KIT

Refrigerators with freezer compartments, called “dual-temperature”, have a low performance in low ambient temperatures. In fact, the very long rest times of the compressor cause an excessive temperature increase of the freezer compartment. The solution consists of installing a balance heater in the thermostat in order to shorten the rest times of the compressor.



On this purpose two kits have been created which contain the following components:

Component	Thermostat casing in Kit	Ref.
9.5w, 240v Heating element	5024 77 30-00/0	1
Heating element casing	5011 66 45-00/8	2
Heating element support plate	5025 00 53-00/1	3
Red illuminated switch	5021 22 39-00/3	4
Switch protection	223 00 23-01/8	5
Integrated support	226 02 04-08/2	6
Thermostat casing	See table	7
Instruction sheet	9914143417	8
8mm bushing	5008 63 59-00/2	9
38x3.5mm screw	515 23 38-04/1	10
Lamp protection	223 41 28-04/5	11

The 5026 41 41-00/8 kit is applicable to all refrigerators that use the 223 80 46... or 223 81... or 223 82 53... thermostat casing (see n°7 component in picture). For refrigerators that have the 223 80 59... thermostat casing the kit code is instead 5026 41 51-00/7.

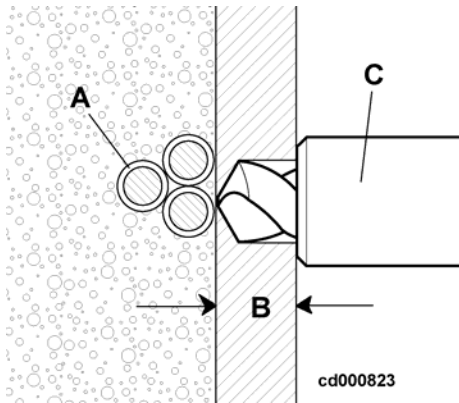
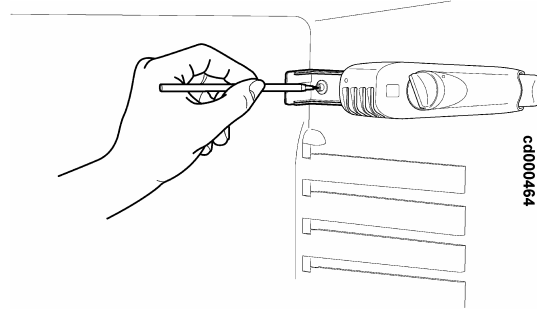
Original thermostat casing	Thermostat casing in kit	Kit code
223 80 46...or 223 81.. or 223 82 53...	223 80 46-12/8	5026 41 41-00/8
223 80 59 ..	223 80 59-05/5	5026 41 51-00/7

The casing in the kit is the same as the original but has the hole for the switch; in this way the user can activate or deactivate the balance heater whenever the ambient temperature requires it.

INSTRUCTIONS FOR INSTALLATION OF THE KIT

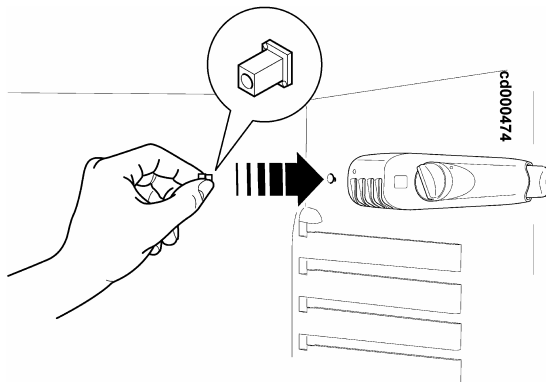
Disconnect the appliance before operating !

Using the bracket as reference,
mark the position of the hole to be drilled.



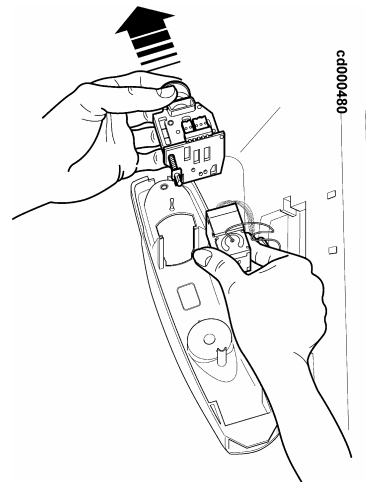
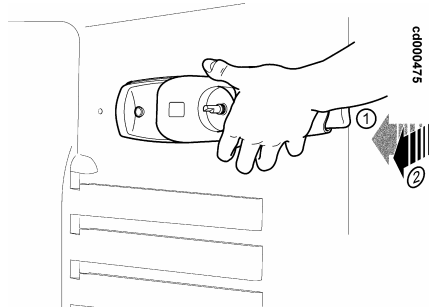
Use an 8mm bit to drill the hole paying attention not to overcome the compartment shim in order to avoid any damage of the foamed wiring behind the compartment!

WARNING! Behind the compartment there are the foamed A cables of the electric wiring; you need to pay attention not to overcome the B shim of the compartment when using the C bit.
The hole can be completed by removing manually the remaining shim compartment.

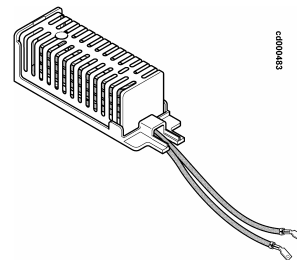
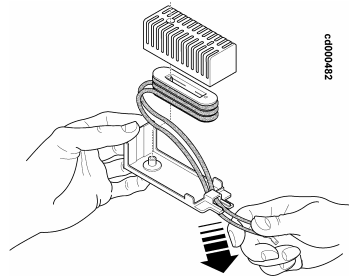


Insert the bush in the hole.

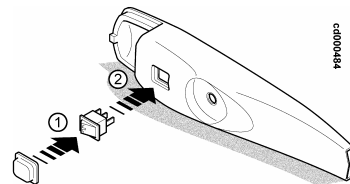
Remove the thermostat casing and the thermostat and its support.



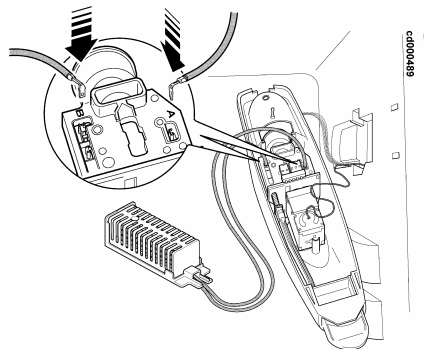
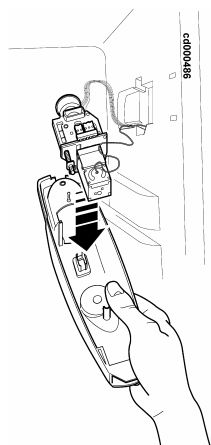
Assemble the balance heater kit components



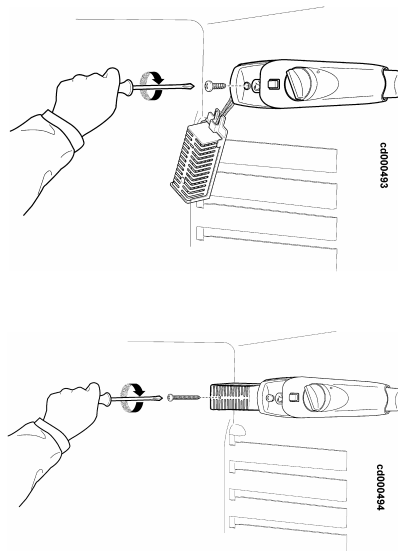
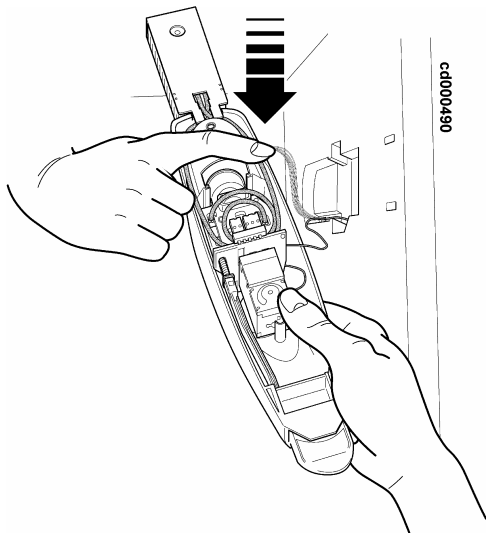
Insert the balance heater key in the thermostat casing



Mount the new thermostat support and insert the heater between contacts A and B. Position carefully the cables of the heating element in the thermostat casing so that any unused parts stick out.



Fit the thermostat casing in position and then the heating element to the compartment using the screw included in the kit.



NOTE

In order to use the heating element switch, the jumper across points **1a** and **1b** (see circuit diagram) must be removed. This jumper consists of a thin plate **1A** on the thermostat support. If this jumper is present, it must be broken by using a screwdriver.

