External probe



Presentation : The external probe regulates the temperature of the heating water according to the variation in outside temperature. The addition of a room thermostat ensures that the ambient temperature is maintained at a precise level.

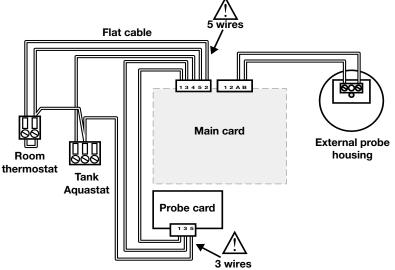
Application : THEMATEK, THEMACLASSIC

- Kit contents : 1 housing with sensor
 - 2 screws and 2 wall plugs (supplied in the housing)
 - 1 two-core cable 15 m long with 4-way screw connector
 - 1 flat cable with connectors
 - 1 probe card
 - 1 probe card mounting screw

Technical characteristics :

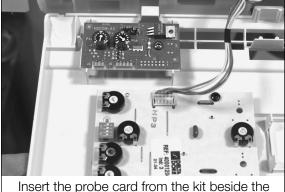
Overall dimensions of the probe housing (in mm) : \emptyset 70. Card power voltage (supplied by the boiler) : 24 V (DC). Input / output connection : by screw connection to the probe printed circuit.

Operation adapted according to regional climatic conditions; 11 slopes are available by setting a **P1A** potentiometer on the probe printed circuit :

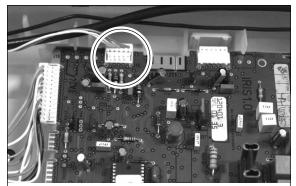


Mounting instructions :

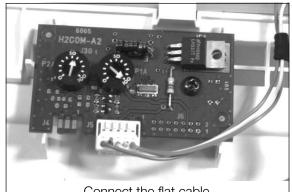
- Open the electrical box on the boiler.



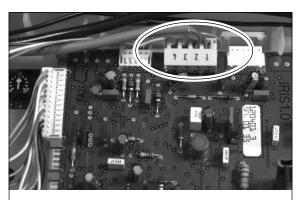
Insert the probe card from the kit beside the interface card, using the screw



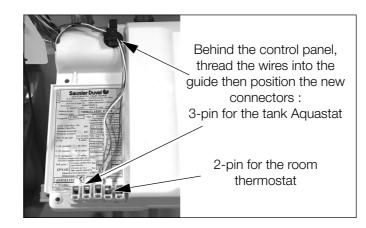
On the main card, replace the flat cable already installed with the one from the kit (5-pin connector) (Scrap the old one)



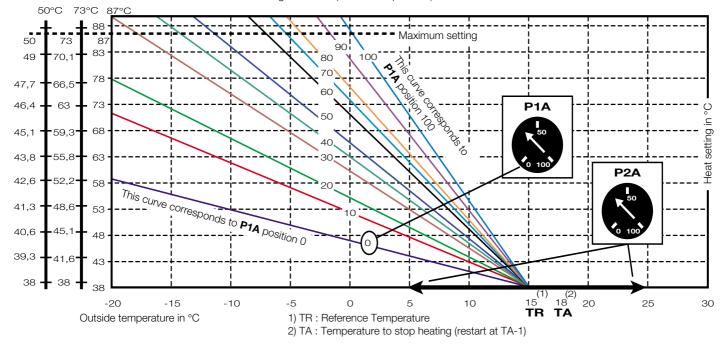
Connect the flat cable (3-core connector) to the probe card



Connect the probe cable (15 m) to the main card to the right of the 5-pin flat cable connector.



Set heating curves = f (outside temperature)

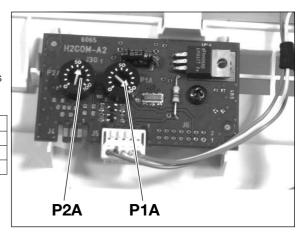


Adjustment :

- Set the **P1A** potentiometer to a choice of curves (0 to 100) according to your regional climatic conditions (*factory setting = 100*)
- P2A Potentiometer is used to offset the reference and stop temperatures at + or – a maximum of 10°C (*factory setting = 50*)

P2A	Reference temperature	Stop temperature
0	5°C	8°C
50	15°C	18°C
100	25°C	28°C

- Close the electrical box



IMPORTANT:

When switching on, the boiler runs at maximum setting (50, 73 or 87°C) for one hour to heat the place more rapidly.