

JOLLY FUNCTION (OVERRIDE)

With Intellitherm Special, it is always possible to temporarily exclude the set program, with no modifications, thereby obtaining a constant and different temperature from that originally set, continuously for 1 to 99 hours or for 1 to 99 days. Once the Jolly operation period has terminated, the chronothermostat will revert to the automatic program.

1 - Check that **S** key is in the **Automatic** position

2 - Hours in which automatic operation must be excluded are set with **H** keys; days in which automatic operation must be excluded are also set with the **D** key.

In order to cancel the Jolly operation and return to automatic operation before the set time, press the key **H** (for the hours) and the key **Copy** (for the days) until ambient temperature does not reappear on the display.

3 - Press the key **T** downwards and select the temperature to be combined with the set Jolly operation period T1-T2-T3-anti-frost

Intellitherm Special DISPLAY



Read of ambient temperature (functions as a thermometer)

Read of day of the current week or that programmed

Read of hours and minutes, regarding both current hour and that programmed.

FLAME and FAN symbols indicating winter operation (heating) or summer (cooling shown), visible when Intellitherm Special turns on the plant.

T1-T2-T3 indexes indicating the temperature combined to one of the 6 hours programmed. The symbol indicates the antifrost temperature.

TECHNICAL CHARACTERISTICS

Conforms to CEI EN 60730-1 regulations and annexes

Contact capacity 5(3)A 250V

Micro disconnection (1BU)

Voltage-free commutation contact

T45 (maximum ambient temperature)

Adjustable scale field from 8 to 40°C

Differential 0,25°

Reference thermal gradient 40K/h

Anti-frost temperature pre-set at 8°C

☐ (double insulation)

Protection degree IP20 (normal pollution)

Powered by three alkaline stylus batteries, with no mains connection.

Battery duration approximately four years
Automatic control of state of battery charge with indication on display
in case of insufficient charge

Replacement of batteries without data loss

Switch for winter or summer operation

Reset key for reset of pre-set program

Dimensions: 140x84x32 mm

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THE SEVEN-DAY INTELLIGENT THERMOSTAT

WARNING TO ENSURE THE *Intellitherm Special* OPERATES CORRECTLY PLEASE CARRY OUT THE FOLLOWING INSTALLATION PROCEDURES:

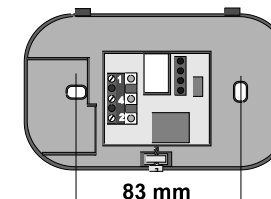
1- FIX THE BASE TO THE WALL

Intellitherm C45 is supplied with a base for assembly onto 3-module enbeded boxes or for assembly onto wall, applying the equipped spacers.

Fix the chronothermostat 1.5 m. from floor, away from, heat sources, windows and doors. Ensure that the base is perfectly.



unscrew this screw and turn the instrument upside down to remove the base, thereby fixing same to wall.



BASE FOR ASSEMBLY ONTO 3-MODULE BOX OR FOR ASSEMBLY ONTO WALL

SPACERS TO BE USED FOR WALL ASSEMBLY OF BASE

2- MAKE ELECTRICAL CONNECTIONS

Connect terminals **1-2** to the heating plant. When ambient temperature increases, the relay opens contact **1-2** and closes **1-4**. Terminal 4 is available for signalling or other purposes.

3- MOUNT THE CHRONOTHERMOSTAT ON TO THE BASE

4- INSERT THE BATTERIES

Insert **three 1.5 V good quality long-life alkaline AA stylus batteries**, noting the indicated polarities. The battery pack may even last four years: when that the display flashes or starts turning off, this signifies that the battery charge is insufficient and that the batteries should be replaced. During this operation, the programmed data will not be lost.

After the batteries have been replaced, the display will continue to flash until Intellitherm Special does not turn on the plant.

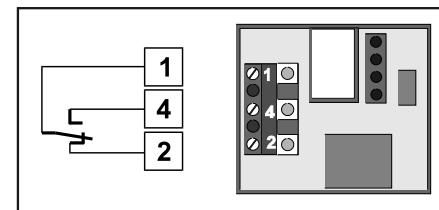
Please note, should the above procedures not be carried out in the correct sequence then there is a possibility that the programmed command times may be adversely effected, this is also the case should the C45 be mounted on the base with the batteries already fitted. On either occasion it will be necessary to reset by pressing the reset button and re-program the chronothermostat.

SUMMER - WINTER COMMUTATOR

The key **I** selects the type of plant to be controlled: heating (winter) or cooling (summer).

winter, switches on burner when the ambient temperature is less than the set temperature.

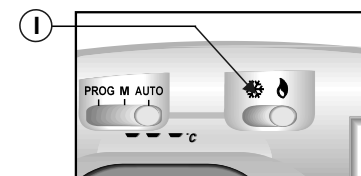
summer, switches on conditioner when the ambient temperature is greater than the set temperature.



LIFT COVER AND INSERT 3 1.5V BATTERIES ACCORDING TO THE POLARITY INDICATED



Reset key - pressing for a few seconds, will cancellate all programs and return to standard program.



USE *Intellitherm Special* STANDARD PROGRAMS,

with times and temperatures already pre-set in the factory.

Please note each operation will only remain programmed if the chronothermostat was fitted to the connected base prior to the insertion of the batteries, otherwise it will be necessary to reset by pressing the reset button

1 - Move the key **S** to **Programming** position

2 - Move the key **P** to first position

3 - Adjust actual time with key **H**

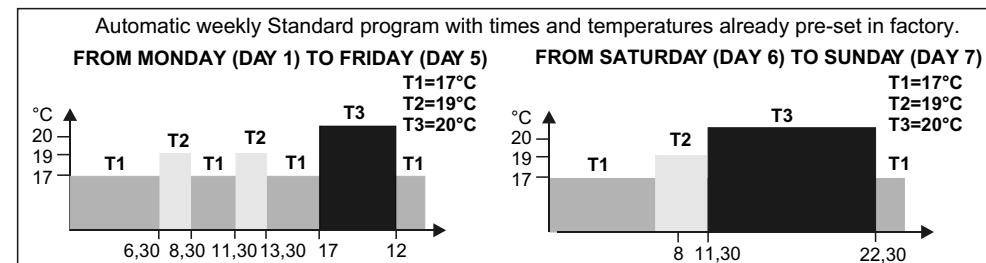
*Should problems arise, pres the **RESET** key, program reverts to standard, canceling modifications.

4 - Select the day of the current week by pressing the key **D**

1=Monday - 2=Tuesday - 3=Wednesday - 4=Thursday - 5=Friday -

5 - Move the key **S** to the Automatic position

6 - Check whether switch **I** is on (winter)



MANUAL OPERATION

Manual operation maintains the selected temperature between T1-T2-T3 and anti-freeze constant throughout, entirely excluding any other programs.

Move the switch **S** to Manual position.

Press key **T** to select temperature index to be combined with Manual operation. The temperature indexes are already programmed: T1 = 17°C - T2 = 19°C - T3 = 20°C - anti-frost fixed at 8°C. To modify same, see following page.

PERSONALISATION OF *Intellitherm Special*

Times and temperatures are at user's discretion; follow the operations numbered in red.

Please note each operation will only remain programmed if the chronothermostat was fitted to the connected base prior to the insertion of the batteries, otherwise it will be necessary to reset by pressing the reset button the program will then revert to the preset standard, canceling the personalized program

CHOICE OF THREE OPERATING TEMPERATURES, COMBINED WITH TEMPERATURE INDEXES T1-T2-T3

1 - Move key **S** onto **Programming** position

2 - Move key **P** onto second position

3 - Press key **T** to show index (T1-T2-T3) and the temperature value (in °C) to be modified.

4 - With **H** key set the temperature corresponding to the selected index

5 - Press the key **T** again to change the temperature index and repeat the operation at point 4.

PROGRAMMING OF OPERATING TIME, COMBINED WITH TEMPERATURE INDEXES

1 - Move the key **S** to Programming position

2 - Move the key **P** to third position

3 - Set daily operating time with **H** keys (half an hour adjustments at a time)

4 - Press the key **T** to select the temperature index (T1-T2-T3) to be combined with operating time.

5-6-7-8-9- Move key **P** into the five subsequent positions, repeating operations **3** and **4**. **N.B.** All six operating times must be programmed. If they are not all necessary (utilizing only two or four), repeat the same temperature index of the previous operating time.

10 - Once the times have been set for one single day, press the key **D** to change the day and repeat the operations from **2** to **9** for all the other days of the week. If the program for one day is also suitable for the subsequent days, copy it by utilizing **COPY** (pressing the key **C**).

Should problems arise, press the key **RESET**, program returns to standard cancelling modifications

COPY FUNCTION

Copy of program of one day for the other days to the week: if the programming carried out is also suitable for the subsequent days, copy it by pressing the key **C**: the day, increased by one unit, together with the already memorized program is copied for the new day, subsequently appearing on the display.

