



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL CM707-UK. You'll find the answers to all your questions on the HONEYWELL CM707-UK in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL CM707-UK  
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**Honeywell**

**CM707 (UK Version)**  
PROGRAMMABLE THERMOSTAT

**PRODUCT SPECIFICATION SHEET**

The **CM707** thermostat is designed to provide automatic time and temperature control of heating systems in villas and apartments.

It can be used as part of a system in conjunction with combi-boilers, oil-burners and gas fired boilers, circulation pumps, thermal actuators, zone valves and electric heat systems (<5A).

The **CM707** is designed with the installer in mind and includes a moulded back-plate with trailing guides and wiring breakouts to make installation quick and easy.

The **CM707** large LCD display, button layout based on the same simple programming philosophy used on our acclaimed CM20 products and the introduction of an 'OK' button makes it easier to install and more user friendly.

The unit is ideal for consumers who want reliable precise temperature control from a modern looking, simple to program and easy to use product.

**FEATURES**

- Attractive slim, modern styling makes it ideal for location in any type of home.
- 7 day heating program.
- Up to 4 daily independent time and temperature level changes let you set 4 time and temperatures pairs to suit your lifestyle.
- **LCD Backlighting** to illuminate the display for easier viewing in low light conditions.
- Temporary programmed temperature override to temporarily override the programmed temperature till the next switch point.
- **Holiday** button provides energy savings by reducing the temperature from 1 to 99 days when people are on holiday, returning to normal operation (AUTO or MANUAL) on the day of their return.
- Room Temperature Enquiry.
- EEPROM memory holds the user program indefinitely.
- OFF mode has an integral frost protection setting at minimum 5°C (installer adjustable) so that pipes in the house will never freeze in winter.
- 24...220V 5A resistive, 2A inductive SPDT relay provides compatibility with most domestic central heating systems reducing the need to stock many different models.
- Battery powered by 2 x AA size (LR6) alkaline cells.
- Minimum battery life of 2 years with low battery warning indicator.
- Built-in default heating program.
- **Automatic Summer / Winter time change** adjusts the time automatically to daylight saving time.
- **Scheduled Maintenance Alert Period.**

- Surface or wall box mounting options, with trunking guides and wiring breakouts to simplify installation.
- No installer links or special installer switches on the back of the unit mean no adjustment is required for combi-boilers and most domestic central heating systems.
- User Set-Up Mode allows extra functions to be set at the discretion of the user:
  - AM-PM or 24hr time display.
  - Resetting the heating profile to factory default.
  - **Enable / disable of Auto Summer / Winter time change.**
- Installer Set-Up Mode allows extra functions to be set at the discretion of the installer to match the consumers applications and needs:
  - **Optimisation.**
  - Pump Exercise.
  - Upper / Lower Set point Limit Adjust.
  - Temperature offset.
  - Minimum ON time.
  - Cycle rate.
  - Proportional Band Width.
- Diagnostic Mode to assist in fault finding.

EN01 8558 UK07 RD 03/02



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**Manual abstract:**

It can be used as part of a system in conjunction with combiboilers, oil-burners and gas fired boilers, circulation pumps, thermal actuators, zone valves and electric heat systems (<5A). The CM707 is designed with the installer in mind and includes a moulded back-plate with trunking guides and wiring breakouts to make installation quick and easy. @@@@7 day heating program. @@LCD Backlighting to illuminate the display for easier viewing in low light conditions. Temporary programmed temperature override to temporarily override the programmed temperature till the next switch point. Holiday button provides energy savings by reducing the temperature from 1 to 99 days when people are on holiday, returning to normal operation (AUTO or MANUAL) on the day of their return. Room Temperature Enquiry. EEPROM memory holds the user program indefinitely. OFF mode has an integral frost protection setting at minimum 5°C (installer adjustable) so that pipes in the house will never freeze in winter. 24.

..230V 5A resistive, 2A inductive SPDT relay provides compatibility with most domestic central heating systems reducing the need to stock many different models. Battery powered by 2 x AA size (LR6) alkaline cells. Minimum battery life of 2 years with low battery warning indicator.

Built-in default heating program. Automatic Summer / Winter time change adjusts the time automatically to daylight saving time. Scheduled Maintenance Alert Period. EN0H 8558 UK07 R0 09/06 . . . Surface or wall box mounting options, with trunking guides and wiring breakouts to simplify installation. No installer links or special installer switches on the back of the unit mean no adjustment is required for combi-boilers and most domestic central heating systems.

User Set-Up Mode allows extra functions to be set at the discretion of the user: . . . AM-PM or 24hr time display. Resetting the heating profile to factory default. @@Pump Exercise. Upper / Lower Set point Limit Adjust. Temperature offset. Minimum ON time. Cycle rate. @@2. 3. 4.

5. 6. 7. 8. 9. 10. 11. 12. 13. 14.

15. 16. 17. @@Low voltage wiring rear right. @@@@or buttons to change the factory d) Press the TEMP setting.

The display will flash indicating that a change has been made. @@@@To change Cycle/Hour, please go to parameter n. 2, category 2 in the installer set-up mode. b. To change Minimum ON Time, please go to parameter n.

1, category 2 in the installer set-up mode. No action required 1. Set Minimum ON Time to 4 minutes. 2. Set Cycle/Hour to 3. Set Cycle/Hour to 12. No action required. @@Time o 7:00, Temp 21 C. @@Note: Optimisation will not work in cooling mode. Change display format (default 24hr).

@@@The normal upper temperature limit of 35 C can be o reduced down to 21 C to save the homeowner energy. Useful if the homeowner rents to tenants. The normal lower temperature limit of 5 C can be o increased up to 21 C to protect the inhabitants from cold. Useful if the inhabitants include the elderly, children or disabled. If the thermostat is located in a hot/cold location and cannot be moved because of wiring then the measured/ o displayed temperature can be adjusted by +/- 3 C. Useful if the homeowner wants the reading to match another appliance temperature display. Can be adjusted up to 3 C (default is 1.5 C) to provide better temperature control (less overshoot). Useful for: a. Well insulated homes with over-sized heating systems.

b. Air systems with fast response. Can be set to the required number of months between 1-48. After the specified number of months the Chronotherm will display 'SERVICE' prompting user to arrange a maintenance call o o o o What to do if we wish this feature Set parameter n.8, category 1 in the installer set-up mode to 1.

AM-PM/ 24hr Display Pump exercise Set parameter n.1, category 1 in the installer set -up mode to 12. Set parameter n.5, category 2 in the installer set -up mode to 1. Upper Temperature Limit Set parameter n.

6, category 1 in the installer set -up mode to the desired limit. Set parameter n.7, category 1 in the installer set -up mode to the desired limit.

@@@Changes to 0 when one of the parameter values are changed 0 to 48 1 20:FS 1 0 1 1 Category 2: System Parameters (You must press the '>' program key to enter this section) Minimum ON Time 1:Ot 1 1 minute minimum ON time 2 to 5 2 - 2 minutes 3 - 3 minutes 4 - 4 minutes 5 - 5 minutes 3 - 3 cph 9 - 9cph 12 - 12 cph Pump Exercise Enabled 2 Cycle Rate 2:Cr 6 6 cycles per hour (cph) for gas boilers, zone valves and fancoil Pump Exercise 3, 9, 12 2 Pump Exercise 5 PE 0 1 2 5 EN0H 8558 UK07 R0 09/06 CM707 CHRONOTHERM DIMENSIONS INSTALLATION LOCATION The CM707 thermostat is the control element of the heating system and, therefore, MUST be located in a position with good air circulation, at average room temperature and on an inside wall, 1.5 metres above the floor level. Do not position the CM707 thermostat near sources of heat (radiators, hot air vents, TV or lights), near doors or windows, or in direct sunlight. MOUNTING The CM707 thermostat can be mounted directly on the wall surface or on to an electrical wall box. WIRING The CM707 thermostat is designed for fixed wiring only and must be installed in accordance with the latest I.E.E.

regulations. Ensure the wiring connection to the supply is via a fuse rated at no more than 5 amps and a Class "A" switch (having contact separation of at least.



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