



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL CM900. You'll find the answers to all your questions on the HONEYWELL CM900 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HONEYWELL CM900**  
**User guide HONEYWELL CM900**  
**Operating instructions HONEYWELL CM900**  
**Instructions for use HONEYWELL CM900**  
**Instruction manual HONEYWELL CM900**

DRAWING DETAILS								
PART NUMBER	ISS	ECRO AND DATE		<b>Honeywell</b>				
42010942-003	R1	DR001129 10/05						
ARTWORK DESCRIPTION				DRAWN	MKTNG	DATE		
CM900 INSTALLATION GUIDE (UK - English)				MF	BM	10/05		
SIZE AND FOLDING								
	A3	A4	A5	A6	A7	OTHER		
SIZE WHEN PRINTED	X							
SIZE WHEN FOLDED				X				
MATERIAL								
BOND	X	WEIGHT	70g	80g	100g	115g	150g	OTHER
SILK			X					
PRINTING								
SINGLE SIDE		ONE COLOUR	TWO COLOUR	THREE COLOUR	FULL COLOUR			
DOUBLE SIDE	X	X	BLACK					
SEE FOLLOWING PAGES FOR COLOUR DESIGNATION. ALL PRINTING MUST BE CLEAR, FREE OF SMUDGES AND MULTI COLOUR PRINT PROPERLY REGISTERED								
SPECIAL INSTRUCTIONS								
Folding Sequence				Finished Size				

DO NOT INCLUDE THIS PAGE IN THE PRINTING



[You're reading an excerpt. Click here to read official HONEYWELL CM900 user guide](http://yourpdfguides.com/dref/2938331)

<http://yourpdfguides.com/dref/2938331>

**Manual abstract:**

Changes to 0 when one of the time/temp profiles are changed. Auto Summer/Winter Time Change LCD Backlighting Upper Temp Limit Lower Temp Limit Optimisation Telephone Override Second Sensor 3:tC 5:bL 6:uL 7:LL 8:OP 9:tS 10:SS 1 1 35 5 0 0 0 Auto Summer/Winter Time Change Enabled Backlighting Enabled 35°C Upper Temp. Limit 5°C Lower Temp. Limit Optimisation Disabled Telephone Override Disabled Second Sensor Disabled 0 0 21 to 34 5 to 21 1 1 1 or 2 Optional Setting Display 24 0 Description 24 hr clock display format Factory Time / Temperature profile has been modified To restore the factory profile set to 1 Auto Summer/Winter Time Change Disabled Backlighting Disabled 21°C to 34°C adjustment in 1°C steps 5°C to 21°C adjustment in 1°C steps Optimisation Enabled Telephone Override Enabled Second Sensor Enabled: 1 = Outside Sensor 2 = Remote Room Sensor -3°C to +3°C adjustment in 0.1°C steps 1.6°C to 3.0°C adjustment in 0.1°C steps Settings are as modified above To restore the factory parameters set to 1 Category 1 Parameters - Programmable Thermostat Settings CM900 Installation Guide Programmable Room Thermostat The Honeywell CM900 (CM907 or CM901) is a modern programmable room thermostat based on Honeywell's proven programming philosophy. To further improve the ease of use, this product includes a very large LCD display with backlighting and a Dynamic Text Display to assist customers during daily use. Installing the Thermostat 1 Find a suitable location for mounting 2 Remove from packaging 3 Mount the backplate to wall Temperature Offset Proportional Band Width Reset Parameters to Factory Defaults 12:tO 13:Pb 19:FS 0.

0 1.5 1 No temperature offset Proportional band of 1.5 degree All settings at factory defaults Changes to 0 when one of the parameter is changed -3 to +3 1.6 to 3.0 0 Category 2 Parameters - System Settings (press PROGRAM Display Minimum boiler ON time Cycle Rate Electric Heat Heat/Cool Change Pump Exercise 1:Ot 2:Cr 3:EH 4:HC 5:PE 1 6 0 0 0 to access this category) Description 1 minute minimum ON time 6 cycles per hour (cph) Resistive Loads <3 A Disabled Pump exercise disabled Display 2 to 5 3, 9 or 12 1 1 1 Description Selection of 2, 3, 4 or 5 minutes minimum ON time Selection of 3, 9 or 12 cph Resistive loads 3 to 8 A Enabled Pump exercise enabled 24-230V 50-60Hz 24-230V 50-60Hz 24-230V 50-60Hz = M3.

5 = No6 42010942-003 R1 4 Typical wiring connections 5 Connect the wiring correctly 1.0-2.5mm<sup>2</sup>6mm max. Notes: button to confirm that you want to store your new Installer Set-Up setting. To exit the Installer Mode move Remember to always press the green the slider switch to the AUTO or MAN positions. Combi Boiler Basic Boiler Pump Only System Commissioning To enter the diagnostic mode move the slider switch to the OFF position then press and hold the button for 5 sec. The unit will enter the user settings mode. Next press and hold the and buttons together. The unit will hold the relay on for 5 minutes and the following information can or buttons. : model ID, date code (WW/YY) and checksum. be viewed on the display by pressing the d. 230V 50-60Hz e. 230V 50-60Hz 6 Zone Valve Zone Valve Attach the cover to backplate 1 230V 50-60Hz 24-230V 50-60Hz 24-230V 50-60Hz Thermal Actuator Cooling System Electric Actuator 7 Honeywell Control Systems Ltd. @@The system will restrict the start time to a max of 2 hours. This product can be used for heating or cooling applications.

@@You can independently modify the heating and cooling profile. @@The feature is factory enabled. @@@@To enable: Set parameter 4:HC (category 2) to 1. To enable: Set parameter 3:tC (category 1) to 1. @@To set-up the thermostat: 1. @@Set parameter 7:LL (category 1) to the desired lower limit. 2. Move the slider switch to the DATE position. 3. Use the 4.

@@@Fit the sensor (instructions are included in the sensor package). 2. Set 10:SS parameter (category 1) to 1. 1. Fit the sensor (instructions included in the sensor package) 2.

@@For most typical applications, like 'wall-hung gas fired combination boiler control' or 'zone valve control', no adjustments from the factory settings are required. For other applications, like controlling an oil burner, the best system performance can be achieved by modifying selected parameters of the thermostat in installer's mode. The table below lists the most common settings used for a specific application: Remote Temperature Sensor A Remote Temperature Sensor can be fitted to the thermostat, allowing it to control the temperature from another room e.g. in commercial premises where the public may adjust keys.

Specific Application: Setting: Cycle/Hour Minimum ON Time 1 4 1 1 1 What to change: Note: All parameters listed below belong to category 2 - System Parameters (see Installer Parameters Table) No changes required Set 1:Ot parameter to 4 Set 2:Cr parameter to 3 Set 2:Cr parameter to 12 No changes required Set 2:Cr parameter to 12 Set 3:EH parameter to 1 To enable switching between cooling and heating modes adjust parameter 4:HC in category 2 (0 = disabled, 1 = enabled). Now you can switch between these modes by and buttons together for 5 seconds in pressing the any of the product operating modes (AUTO, MAN or OFF). @@.



[You're reading an excerpt. Click here to read official HONEYWELL CM900 user guide](http://yourpdfguides.com/dref/2938331)

<http://yourpdfguides.com/dref/2938331>