

DT90E Digital Room Thermostat with ECO energy saving feature

User Guide / Guía del Usuario / Utilisation / Gebruikershandleiding / Bedienung / Guida per l'Utente / Használati Utasítás / Návod k Použití / Obsługa / Návod na Použitie

- GB** Room temperature
- E** Indicación de temperatura ambiente
- F** Lecture de la température ambiante
- NL** Ruimtetemperatuurweergave
- D** Raumtemperatur-Istwert
- I** Lettura temperatura ambiente
- HU** Aktuális helyiség hőmérséklet

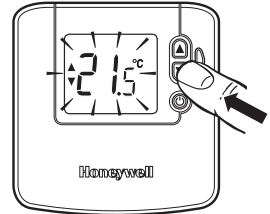
- CZ** Aktuální pokojová teplota
- PL** Odczyt temperatury
- SK** Izbová teplota



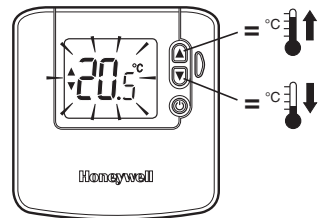
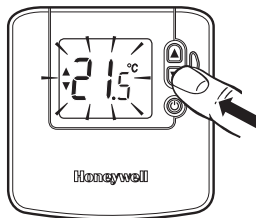
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- GB** Set temperature, inquiry
- E** Consulta de temperatura deseada
- F** Lecture de la température demandée
- NL** Uitlezen van de ingestelde temperatuur
- D** Eingestellte Temperatur anzeigen
- I** Interrogazione temperatura impostata
- HU** Beállított hőmérséklet lekérdezése

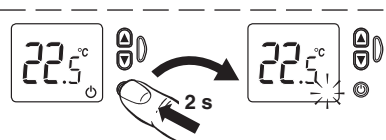
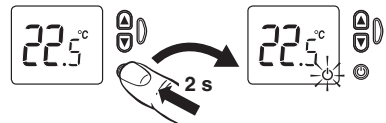
- CZ** Zobrazení žádané teploty
- PL** Odczyt temperatury zadanej
- SK** Informácia o teplote



- GB** Set temperature, adjustment
- E** Ajuste de temperatura deseada
- F** Réglage de la température demandée
- NL** Wijzigen van de ingestelde temperatuur
- D** Eingestellte Temperatur ändern
- I** Modifica temperatura impostata
- HU** Kívánt hőmérséklet beállítás
- CZ** Nastavení žádané teploty
- PL** Ustawianie temperatury zadanej
- SK** Nastavenie požadovanej teploty

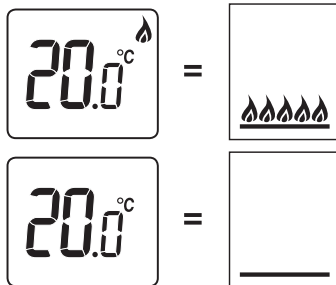


- GB** Switch ON/OFF (frost protection enabled)
- E** Botón de encendido / apagado (protección antihielo activada)
- F** Bouton Marche/Arrêt (avec protection anti-gel)
- NL** AAN/UIT-toets (vorstbeveiliging actief)
- D** Schalter Ein / Aus (Frostschutz aktivieren)
- I** Interruttore ON / OFF (protezione antigelo abilitata)
- HU** KI/BE kapcsoló (fagyvédelem aktivizálása)
- CZ** Spínač Zapnuto/Vypnuto (aktivovaná protimrazová ochrana)
- PL** Włącz/Wyłącz (aktywna ochrona przeciwzamrazaniowa)
- SK** Spínač Zapnutý/Vypnutý (aktivovaná protimrazová ochrana)



Operating indicators / Indicadores de funcionamiento / Indicateurs de fonctionnement / Bedrijfsmodussymbolen / Betriebsanzeige / Indicatore di funzionamento / Kezelési útmutató / Stavové symboly / Wskaźniki pracy regulatora / Stavové symboly

- GB** Heating demand indicator
- E** Indicador de demanda de calefacción
- F** Indicateur de demande de chauffage
- NL** Warmtevraagsymbool
- D** Anzeige Heizlastanforderung
- I** Indicatore di richiesta riscaldamentoo
- HU** Hőigény jelzés
- CZ** Symbol požadavku na sepnutí kotle
- PL** Wskaźnik włączonego palnika
- SK** Symbol požiadavky na zopnutie kotla

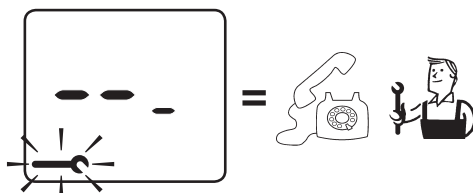


- GB** Frost protection
- E** Protección antihielo
- F** Fonction de protection antigel
- NL** Vorstbeveiliging
- D** Frostschutz
- I** Protezione antigelo
- HU** Fagyvédelem
- CZ** Protimrazová ochrana
- PL** Ochrona przeciwzamrazaniowa
- SK** Protimrazová ochrana

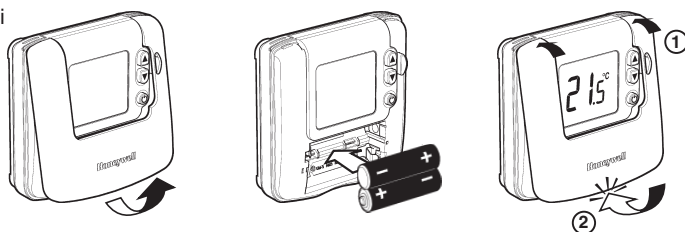
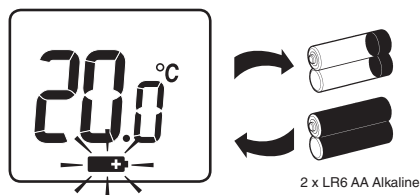


Frost protection is not available in cooling operation
 La protección antihielo no está activada en modo refrigeración
 La protection antigel n'est pas active en mode froid
 Vorst beveiliging is niet beschikbaar in koeling.
 Frostschutz ist im Kühlbetrieb nicht möglich
 La protezione antigelo non è attivata in modalità raffrescamento
 A fagyvédelem nem elérhető hűtési üzemmódban.
 Protimrazová ochrana je v chladiacím režimu vypnutá
 Ochrona przeciwzamrazaniowa nie jest aktywna w trybie chłodzenia
 Protimrazová ochrana je v chladiacom režime vypnutá

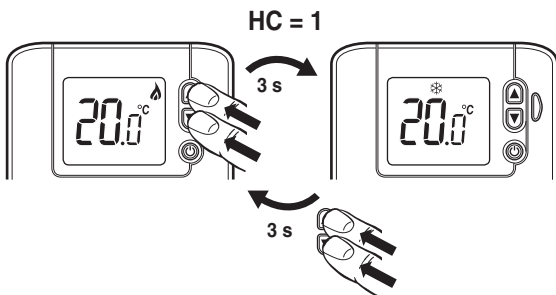
- GB** Fault indicator
- E** Indicador de fallo
- F** Indicateur de défaut
- NL** Storingssymbool
- D** Störungsanzeige
- I** Indicatore anomalia
- HU** Hiba jelzés
- CZ** Výskyt poruchy
- PL** Usterka
- SK** Výskyt poruchy



- GB** Low battery indicator
- E** Indicador de pilas agotadas
- F** Indication d'usure de piles
- NL** Symbool voor batterijvervanging
- D** Anzeige für Batteriewechsel
- I** Indicazione cambio delle batterie
- HU** Kimerült elem jelzés
- CZ** Indikace vybité baterie
- PL** Wskaźnik wyładowania baterii
- SK** Indikácia vybitých batérii



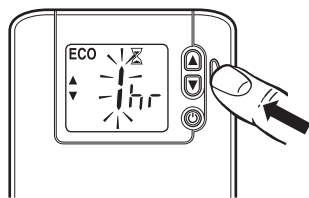
- GB** Heat/cool changeover
- E** Cambio calefacción/aire acondicionado
- F** Chauffage/Réfrigérissement
- NL** Overschakeling warmen/koelen
- D** Wechsel heizen/kühlen
- I** Cambiamento caldo/freddo
- HU** Hűtés/fűtés váltás
- CZ** Změna topení/chlazení
- PL** Zmiana ogrzewanie/chłodzenie
- SK** Zmena kúrenia a chladenia



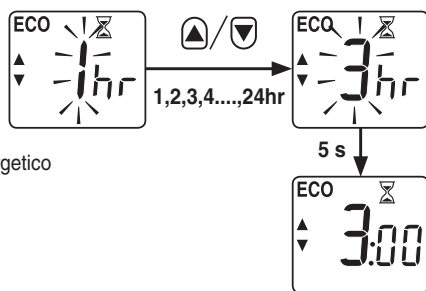
Energy Saving ECO feature / Modo Ahorro de Energía ECO / Fonction d'économie d'énergie ECO / 'ECO' energiebesparingsfunctie / Energieeinsparung / Modalità ECO Risparmio energetico / Energiatakarékos ECO funkció / Energetická úspora / Oszczędnościowa funkcja ECO / Funkcia Energetická úspora ECO

- GB** Pressing the green ECO button gives a timed period at a different, predefined temperature
- E** Pulsando el botón verde ECO se activa un periodo a temperatura diferente predefinida
- F** Presser la touche verte ECO active une période d'abaissement de la température à une valeur désirée
- NL** Door op de ECO toets te drukken wordt een vooraf ingestelde temperatuur voor een bepaalde tijdsduur actief
- D** Beim drücken der ECO –Taste wird die voreingestellte Sollwerttemperatur und Zeitperiode aktiviert
- I** Premendo il tasto verde ECO si attiva un intervallo a temperatura ridotta predefinita

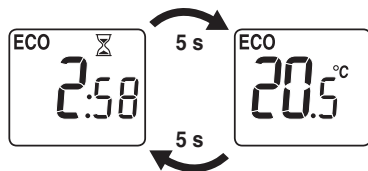
- HU** A zöld ECO gomb megnyomásával egy külön előre meghatározott hőmérsékletű időszak indul
- CZ** Stiskem zeleného ECO tlačítka se zadává časový interval pro provoz na úsporné, předdefinované teplotě
- PL** Zielony przycisk ECO umożliwia tymczasowe obniżenie temperatury na określony okres
- SK** Stlačením zeleného ECO tlačítka sa zadáva časový interval pre prevádzku na úspornú preddefinovanú teplotu























- GB** To set the ECO energy savings time period
- E** Para fijar la duración del modo ahorro de energía ECO
- F** Comment régler la période d'abaissement
- NL** Instellen tijdsduur 'ECO' energiebesparing
- D** Zeitperiode für ECO Energieeinsparung einstellen
- I** Per impostare la durata dell'intervallo ECO per il risparmio energetico
- HU** Az ECO energiatakarékos időszak beállítása
- CZ** Nastavení časového intervalu ECO úsporného provozu
- PL** Zmiana okresu obniżenia temperatury
- SK** Nastavenie časového intervalu ECO úspornej prevádzky

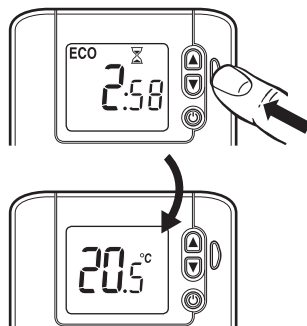


- GB** Display shows countdown of ECO time remaining
- E** La pantalla muestra el tiempo restante de modo ECO
- F** L'écran affiche le temps restant de la période ECO
- NL** Scherm toont het aftellen van de resterende 'ECO' tijdsduur
- D** verbleibende Zeit im ECO-Mode anzeigen
- I** Il display mostra il tempo rimanente nella modalità ECO
- HU** A kijelző a hátralévő ECO üzemmód időt mutatja
- CZ** Na displeji se odečítá zbývající čas ECO úsporného provozu
- PL** Wyświetlacz pokazuje pozostały czas trwania obniżenia temperatury
- SK** Na displeji sa odčíta zostávajúci čas ECO úspornej prevádzky



- GB** Pressing  or  will now allow the ECO temperature to be changed
- E** Pulsando  o  se podrá modificar temporalmente la temperatura del modo ECO
- F** Vous pouvez modifier la température ECO en pressant les touches  et 
- NL** Door op de  of  te drukken kan de 'ECO' temperatuurstelling tijdelijk worden gewijzigd
- D** ECO- Temperatur vorübergehend ändern durch drücken der Tasten  oder 
- I** Potete modificare temporaneamente la temperatura ECO premendo i tasti  o 
- HU** A  vagy  gomb megnyomásával ideiglenesen megváltoztatja az ECO hőmérséklet szintet
- CZ** Stiskem  nebo  je nyní možno přechodně upravit hodnotu ECO teploty
- PL** Przcisnięcie  lub  umożliwia tymczasową zmianę temperatury w trybie ECO
- SK** Stlačením  alebo  je možné prechodne upravit hodnotu ECO teploty

- GB** To exit ECO mode, press ECO button again
- E** Para salir del modo ECO, volver a pulsar el botón ECO
- F** Pour arrêter la période ECO de manière anticipée, presser le bouton ECO
- NL** Om de ECO-functie te beëindigen, druk nogmaals op de ECO toets
- D** ECO-Mode verlassen durch wiederholtem drücken der ECO-Taste
- I** Per uscire dalla modalità ECO premere ancora il tasto ECO
- HU** Az ECO gomb ismételt megnyomásával kilép az ECO üzemmódból
- CZ** Pro opuštění ECO provozu stiskněte opět zelené ECO tlačítko
- PL** Ponownie naciśnięcie przycisku ECO przywraca normaly tryb pracy
- SK** Pre odchod z ECO prevádzky slačte opätovne zelené ECO tlačítko



What is a room thermostat? ...an explanation for householders



A room thermostat simply switches the heating system on and off as necessary. It works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached. Turning a room thermostat to a higher setting will not make the room heat up any faster. How quickly the room heats up depends on the design of the heating system, for example, the size of boiler and radiators.



Neither does the setting affect how quickly the room cools down. Turning a room thermostat to a lower setting will result in the room being controlled at a lower temperature, and saves energy.

The heating system will not work if a time switch or programmer has switched it off.

The way to set and use your room thermostat is to find the lowest temperature setting that you are comfortable with, and then leave it alone to do its job. The best way to do this is to set the room thermostat to a low temperature – say 18°C – and then turn it up by one degree each day until you are comfortable with the temperature. You won't have to adjust the thermostat further. Any adjustment above this setting will waste energy and cost you more money.

If your heating system is a boiler with radiators, there will usually be only one room thermostat to control the whole house. But you can have different temperatures in individual rooms by installing thermostatic radiator valves (TRVs) on individual radiators. If you don't have TRVs, you should choose a temperature that is reasonable for the whole house. If you do have TRVs, you can choose a slightly higher setting to make sure that even the coldest room is comfortable, then prevent any overheating in other rooms by adjusting the TRVs.

Room thermostats need a free flow of air to sense the temperature, so they must not be covered by curtains or blocked by furniture. Nearby electric fires, televisions, wall or table lamps may prevent the thermostat from working properly.

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