

RET B Battery powered room thermostat



Features

The RET B is a battery powered room thermostat that combines the benefits of a conventional analogue setting knob and an LCD display to show temperature and thermostat status. All models in the range are available in hard-wired and wireless versions.

Styled on the RMT and RET thermostat range, the RET B provides accurate electronic temperature control without the need for an external power supply. This makes it an ideal solution for system upgrades when replacing conventional electro-mechanical two-wire thermostats.

The RET B utilises a micro-processor which, in addition to providing accurate temperature control, also drives a small LCD display. During normal operation, this LCD displays actual room temperature and changes momentarily to show set temperature whenever the setting dial is moved. The LCD is also used to display output relay state and to indicate when the batteries require changing.

The micro-processor also provides other added features not normally found in such thermostats.

These features include:

- Selection of either on/off or chrono-proportional control
- Cycle rate adjustment if chrono-proportional control is selected
- Selection of heating or cooling control
- Selection of compressor delay timer if cooling operation is selected
- Selection of Fahrenheit or Centigrade scaling

Common Features

- Battery powered for ease of installation
- Ideal replacement for conventional 2-wire thermostat
- Voltage free outputs, can switch mains and low voltage control circuits
- Micro-processor control provides added functionality
- Analogue setting for ease of use
- LCD display shows temperature and thermostat status
- Suitable for heating or cooling systems
- Available in hard-wired and RF versions

The range comprises three models:

RET B

Basic thermostat with Analogue setting and LCD display.

RET B-LS

Thermostat with analogue setting and LCD display, plus a manual Auto/Off switch to turn the thermostat output off during periods when it's operation is not required. When set to Off the LCD clearly shows that the thermostat has been turned off.

RET B-NSB

Thermostat with analogue setting and LCD display, plus a manual Day/Night switch which, when set to Day position, controls at the temperature set on the dial. When Night is selected, the thermostat controls at a temperature 4°C lower than the set temperature.

Installer Settings

Thermostat configured for heating operation

| Sw No. | Setting | Function |
|--------|--------------------------|--------------------|
| 1 | <input type="checkbox"/> | Heat |
| 2 | <input type="checkbox"/> | On/Off |
| 3 | <input type="checkbox"/> | Not active |
| 4 | <input type="checkbox"/> | °C (change for °F) |
| Or | | |
| 1 | <input type="checkbox"/> | Heat |
| 2 | <input type="checkbox"/> | Chrono |
| 3 | <input type="checkbox"/> | 3 cycles per hour |
| 4 | <input type="checkbox"/> | °C (change for °F) |
| Or | | |
| 1 | <input type="checkbox"/> | Heat |
| 2 | <input type="checkbox"/> | Chrono |
| 3 | <input type="checkbox"/> | 6 cycles per hour |
| 4 | <input type="checkbox"/> | °C (change for °F) |

Thermostat configured for cooling operation

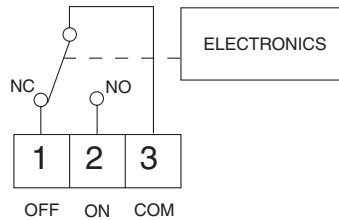
| Sw No. | Setting | Function |
|--------|--------------------------|-------------------------|
| 1 | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | No compressor delay |
| 3 | <input type="checkbox"/> | Not active |
| 4 | <input type="checkbox"/> | °C (change for °F) |
| Or | | |
| 1 | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | Compressor delay active |
| 3 | <input type="checkbox"/> | 2 min compressor delay |
| 4 | <input type="checkbox"/> | °C (change for °F) |
| Or | | |
| 1 | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | Compressor delay active |
| 3 | <input type="checkbox"/> | 4 min compressor delay |
| 4 | <input type="checkbox"/> | °C (change for °F) |

Specification & Ordering Details

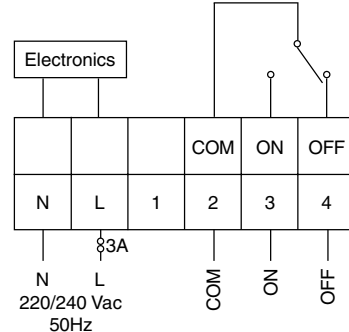
| Features | RET B (RF) | RET B-LS (RF) | RET B-NSB (RF) |
|--|----------------------------------|----------------|----------------|
| Hard wired - Code number | 087N725100 | 087N725500 | 087N725900 |
| Wireless (RF) - Code number | 087N727000 | 087N727000 | 087N727400 |
| Temperature range | 5 - 30°C | | |
| Setting knob & LCD display | ● | ● | ● |
| Auto / Off selector switch | | ● | |
| Day / Night selector switch (4°C set-back) | | | ● |
| Low battery indicator | ● | ● | ● |
| Contact rating (hard-wired model) | 10 - 230 Vac, 3 (1) A | | |
| Contact Type (hard-wired model) | SPDT Type 1B | | |
| Transmitter frequency (RF model) | 433.92 MHz | | |
| Transmitter range (RF model) | 30m max | | |
| Switching differential | ±1°C | | |
| Power supply | 2 x AA/MN1500 alkaline batteries | | |
| Dimensions (mm) | 85 wide x 86 high x 42 deep | | |
| Receiver (RF models) Features | | | |
| | RX1 | RX2 | RX3 |
| Order codes | 087N747600 | 087N747700 | 087N747800 |
| Single zone receiver | ● | | |
| Two zone receiver | | ● | |
| Three zone receiver | | | ● |
| Power supply | 230 ± 15% Vac, fused at 3A | | |
| Contact details | 1-SPDT | 1-SPDT, 1-SPST | 1-SPDT, 2SPST |
| Contact rating | 24-230 Vac, 3 (1) A | | |
| Dimensions (mm) | 138 wide x 88 high x 32 deep | | |

Wiring

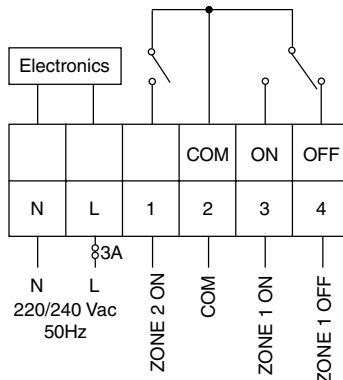
RET B, RET-B LS, RET-B-NSB



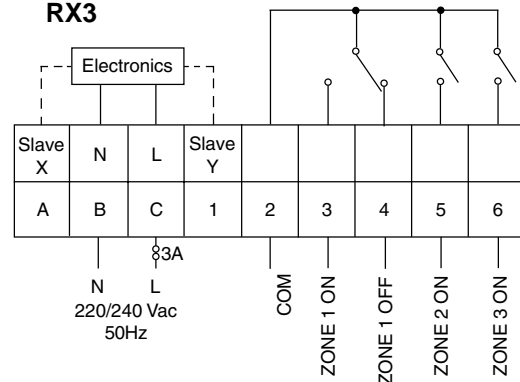
RX1

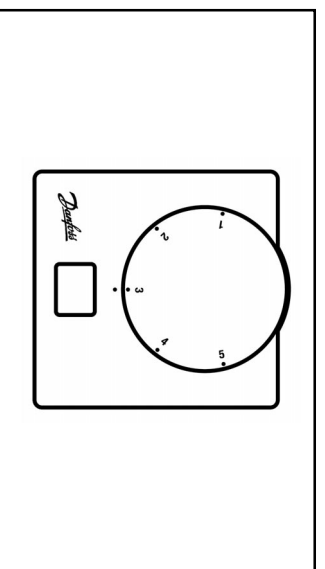


RX2



RX3





GB - Installation Instructions

Specification

| Features | RET B (RF) /RET B(LS (RF)) /RET B(ANSB (RP) |
|--|---|
| Contact rating (excluding North America) | 10 - 230 Vac, 3 (1) A |
| Contact rating (North America) | 10 - 24Vac, 50/60Hz, 3(1)A |
| Temperature Accuracy | ±1°C |
| Contact Type | SPDT Type 1B |
| Transmitter Frequency (RF models) | 433.92 MHz |
| Transmitter range (RF models) | 30m max |
| Power Supply | 2 x AA/MN1500 alkaline batteries |
| Control Pollution Station | Degree 2 |
| Rated Impulse Voltage | 2.5 kV |
| Designed to meet | BS EN 60730-2:9 |
| Ball Pressure Test | 75°C |
| Max. Ambient Temperature | 45°C |
| Dimensions (mm) | 85 wide x 86 high x 42 deep |

Important note RF products: Ensure that there are no large metal objects, such as boiler cases or other large appliances, in line of sight between the transmitter and receiver as these will prevent communication between thermostat and receiver.

Mounting (see Fig.1-4)

Thermostat Wiring (see Fig.16) - not RF models

Connections (see Fig.5-8) - not RF models

Installer Settings (Fig.9)

Heating

| Sw No. | Setting | Function | Setting | Function |
|--------|--------------------------|--------------------|--------------------------|-------------------------|
| 1 | <input type="checkbox"/> | Heat | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | On/Off | <input type="checkbox"/> | No compressor delay |
| 3 | <input type="checkbox"/> | Not active | <input type="checkbox"/> | Not active |
| 4 | <input type="checkbox"/> | °C (change for °F) | <input type="checkbox"/> | °C (change for °F) |
| Or 1 | <input type="checkbox"/> | Heat | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | Chrono | <input type="checkbox"/> | Compressor delay active |
| 3 | <input type="checkbox"/> | 3 cycles per hour | <input type="checkbox"/> | 2 min compressor delay |
| 4 | <input type="checkbox"/> | °C (change for °F) | <input type="checkbox"/> | °C (change for °F) |
| Or 1 | <input type="checkbox"/> | Heat | <input type="checkbox"/> | Cool |
| 2 | <input type="checkbox"/> | Chrono | <input type="checkbox"/> | Compressor delay active |
| 3 | <input type="checkbox"/> | 6 cycles per hour | <input type="checkbox"/> | 4 min compressor delay |
| 4 | <input type="checkbox"/> | °C (change for °F) | <input type="checkbox"/> | °C (change for °F) |

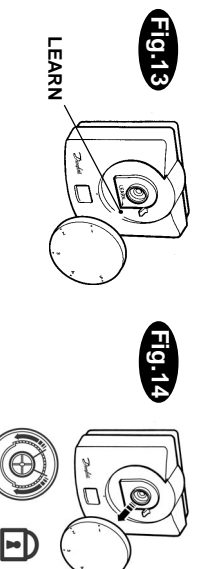
Mounting (continued) (Fig.10-12)

Receiver Wiring (RF versions only) (Fig. 18-19)

Commissioning (RF versions only)

- Step 1** Remove dial, press & hold LEARN button for 3 seconds (located under setting dial) (Fig.13) **Do not replace the setting dial yet**
- Step 2** **NOTE: Thermostat now transmits continuously for 5 minutes**
RX1 Press and hold buttons **PROG** and **CH1** until green light flashes (Fig.17)
- Step 3** For FX2/RX3 repeat steps 1 and 2 for each thermostat and channel
- Step 4** Replace thermostat setting dial (Fig.15)

Locking & Limiting (Fig.14-15)



F - Instructions d'installation

Specifications

| Caractéristiques | RET B (RF) /RET B(LS (RF)) /RET B(ANSB (RP) |
|----------------------------------|---|
| Catégorie de contact | 10 - 230 Vac, 3 (1) A |
| Précision de la température | ±1°C |
| Type de contact | SPDT Type 1B (norme sué) |
| Fréquence de fonctionnement | 433,92 MHz |
| Portée émetteur | 30m max |
| Alimentation | 2 piles alcalines AA /MN1500 |
| Niveau de pollution | Degré 2 |
| Tension de choc nominale | 2,5 kV |
| Normes de fabrication | BS EN 60730-2:9 |
| Test de pression à bille | 75°C |
| Température et ambiance maximale | 45°C |
| Dimensions (mm) | 85 larg x 86 haut x 42 épaisseur |

Remarque importante pour version sans fil (RF): Veiller à ce qu'aucun gros objet métallique (caisson de chaudière ou autres gros appareils domestiques) ne fasse obstacle aux communications entre le thermostat et le récepteur.

Montage (Fig.1-4)

Câblage (Fig.16) - versions câblées seulement

Connexions (Fig.5-8) - versions câblées seulement

Réglages d'installateur (Fig.9)

Chauffage

| Sw No. | Setting | Function | Setting | Function |
|--------|--------------------------|-----------------------|--------------------------|---------------------------|
| 1 | <input type="checkbox"/> | Chauffage | <input type="checkbox"/> | Froid |
| 2 | <input type="checkbox"/> | On/Off | <input type="checkbox"/> | Pas de temporisation |
| 3 | <input type="checkbox"/> | Non actif | <input type="checkbox"/> | Non actif |
| 4 | <input type="checkbox"/> | °C (changeur pour °F) | <input type="checkbox"/> | °C (changeur pour °F) |
| Or 1 | <input type="checkbox"/> | Chauffage | <input type="checkbox"/> | Froid |
| 2 | <input type="checkbox"/> | Chrono | <input type="checkbox"/> | Temporisation compresseur |
| 3 | <input type="checkbox"/> | 3 cycles par heure | <input type="checkbox"/> | Temporisation 2 mn |
| 4 | <input type="checkbox"/> | °C (changeur pour °F) | <input type="checkbox"/> | °C (changeur pour °F) |
| Or 1 | <input type="checkbox"/> | Chauffage | <input type="checkbox"/> | Froid |
| 2 | <input type="checkbox"/> | Chrono | <input type="checkbox"/> | Temporisation compresseur |
| 3 | <input type="checkbox"/> | 6 cycles par heure | <input type="checkbox"/> | Temporisation 4 mn |
| 4 | <input type="checkbox"/> | °C (changeur pour °F) | <input type="checkbox"/> | °C (changeur pour °F) |

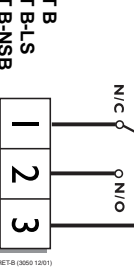
Assemblage du thermostat (Fig.10-12)

Câblage (Fig.18-19) - versions câblées seulement

Instructions (versions câblées) (Fig.11-13)

- Etape 1** Appuyez la touche LEARN pendant 3 secondes (situé sous le cadran de réglage) Fig.13 **Ne pas remplacer le cadran de réglage pour l'instant**
- Remarque : Le thermostat transmet maintenant en continu pendant 5 minutes.**
- Etape 2** RX1 - Appuyez simultanément les touches **PROG** et **CH1** pendant 3 secondes
- Etape 3** RX2 / RX3 - Pour RX2 ou RX3 répétez 1 et 2 pour chaque thermostat et canal correspondant
- Etape 4** Remplacer le cadran de réglage - Fig.15

Verrouillage & Limitation (Fig.14-15)



D - Installationsanweisung

Technische Daten

| Funktionsbeschreibung | RET B (RF) /RET B(LS (RF)) /RET B(ANSB (RP) |
|----------------------------|---|
| Schaltleistung | 10 - 230 Vac, 3(1) A |
| Temperaturgenauigkeit | ±1°C |
| Schalttyp | Umkehrkontakt/ potentialfrei/ SPDT |
| Betriebsfrequenz | 433,92 MHz |
| Reichweite des Senders | Max. 30m |
| Stromversorgung | 2 x AA/MN1500/Alkaline-Batterien |
| Emissionsstärke | Grad 2 |
| Nennspannungsimpuls | 2,5 kV |
| Bauweise | BS EN 60730-2:9 |
| Vertriebskabel unter Druck | 75°C |
| Max. Umgebungstemperatur | 45°C |
| Abmessungen (B x H x T) | 85 x 86 x 42 mm |
| Farbe | RAL 9010 |

Wichtiger Hinweis RF: Achten Sie darauf, dass sich zwischen Thermostat und Empfänger keine größeren Metallobjekte wie Boilergehäuse oder andere große Geräte befinden, da ansonsten die Kommunikation zwischen dem Thermostat und dem Empfänger gestört werden kann.

Befestigung (Fig.1-4)

Verkabelung (Fig.16) - (nur bei Kabelversion)

Anschlüsse (Fig.5-8) - (nur bei Kabelversion)

Einstellungen (Fig.9)

Heizen

| Sw No. | Function | Function | Function | |
|--------|--------------------------|---------------------|--------------------------|-----------------------------|
| 1 | <input type="checkbox"/> | Wärme | <input type="checkbox"/> | Kühlung |
| 2 | <input type="checkbox"/> | Ein/Aus | <input type="checkbox"/> | Keine Kompressorverzögerung |
| 3 | <input type="checkbox"/> | Nicht aktiv | <input type="checkbox"/> | Nicht aktiv |
| 4 | <input type="checkbox"/> | °C (in °F ändern) | <input type="checkbox"/> | °C (in °F ändern) |
| Or 1 | <input type="checkbox"/> | Wärme | <input type="checkbox"/> | Kühlung |
| 2 | <input type="checkbox"/> | Zeitmesser | <input type="checkbox"/> | Kompressorverzögerung aktiv |
| 3 | <input type="checkbox"/> | 3 Zyklen pro Stunde | <input type="checkbox"/> | 2 min Kompressorverzögerung |
| 4 | <input type="checkbox"/> | °C (in °F ändern) | <input type="checkbox"/> | °C (in °F ändern) |
| Or 1 | <input type="checkbox"/> | Wärme | <input type="checkbox"/> | Kühlung |
| 2 | <input type="checkbox"/> | Zeitmesser | <input type="checkbox"/> | Kompressorverzögerung aktiv |
| 3 | <input type="checkbox"/> | 6 Zyklen pro Stunde | <input type="checkbox"/> | 4 min Kompressorverzögerung |
| 4 | <input type="checkbox"/> | °C (in °F ändern) | <input type="checkbox"/> | °C (in °F ändern) |

Montage des Thermostats (Fig.10-12)

Verkabelung (Fig.18-19) - (nur bei Kabelversion)

Inbetriebnahme Instruktion (Fig.11-13)

- Schritt 1** Den unter der Einstellscheibe angebrachten Knopf LEARN (Abb. 13) für 5 Sekunden gedrückt halten. Die Einstellscheibe bitte noch nicht einsetzen.
- Anmerkung: Thermostat sendet nun 5 Minuten lang ständig.**
- Schritt 2** RX1 - Knöpfe **PROG** und **CH1** für 5 Sekunden gedrückt halten.
- Schritt 3** RX2 / RX3 - Für RX2 oder RX3 Schritt 1 bis 2 für jeden Thermostat wiederholen.
- Schritt 3** Einstellscheibe einsetzen (Abb.15).

Sperrern & Begrenzen (Abb.14-15)



ES - Instrucciones de instalación

Especificaciones

| Características | RET B (RF) /RET B(LS (RF)) /RET B(ANSB (RP) |
|---|---|
| Rango de tensión (excepto Norteamérica) | 10 - 230 Vac, 3 (1) A |
| Rango de tensión (Norteamérica) | 10 - 24 Vac, 50/60Hz, 3(1)A |
| Precisión de temperatura | ±1°C |
| Contacto | SPDT tipo 1B |
| Frecuencia de funcionamiento | 433,92 MHz |
| Campo de acción del transmisor | 30m max |
| Alimentación | 2 pilas alcalinas 1,5 V |
| Control antipollución | Grado 2 |
| Rango impulsos de tensión | 2,5 kV |
| Normativa | BS EN 60730-2:9 |
| Test prueba de bola | 75°C |
| Max. temperatura ambiente: | 45°C |
| Dimensiones (mm) | Ancho 85 x Alto 86 x Profundo 42 |

Nota importante RF: Asegurar que la comunicación entre el transmisor y el receptor no haya quedado obstaculizada por objetos grandes metálicos tales como calderas u otros aparatos grandes ya que estos impedirán la comunicación entre el termostato y el receptor.

Montaje (Fig.1-4)

Cableado (Fig.16) - solo versiones de conexión permanente

Conexiones (Fig.5-8) - solo versiones de conexión permanente

Ajustes del instalador (Fig.9)

Calefacción

| Sw No. | Function | Function | Function | |
|--------|--------------------------|----------------------|--------------------------|---------------------------|
| 1 | <input type="checkbox"/> | Calefacción | <input type="checkbox"/> | Refrigeración |
| 2 | <input type="checkbox"/> | On/Off | <input type="checkbox"/> | SR1 retraso del compresor |
| 3 | <input type="checkbox"/> | Inactivo | <input type="checkbox"/> | Inactivo |
| 4 | <input type="checkbox"/> | °C (cambiar para °F) | <input type="checkbox"/> | °C (cambiar para °F) |
| Or 1 | <input type="checkbox"/> | Calefacción | <input type="checkbox"/> | Refrigeración |
| 2 | <input type="checkbox"/> | Crono | <input type="checkbox"/> | Retraso 2 min. de retraso |
| 3 | <input type="checkbox"/> | 3 ciclos / hora | <input type="checkbox"/> | °C (cambiar para °F) |
| 4 | <input type="checkbox"/> | °C (cambiar para °F) | <input type="checkbox"/> | Refrigeración |
| Or 1 | <input type="checkbox"/> | Calefacción | <input type="checkbox"/> | Retraso del compresor |
| 2 | <input type="checkbox"/> | Crono | <input type="checkbox"/> | 4 min. de retraso |
| 3 | <input type="checkbox"/> | 6 ciclos / hora | <input type="checkbox"/> | °C (cambiar para °F) |
| 4 | <input type="checkbox"/> | °C (cambiar para °F) | <input type="checkbox"/> | °C (cambiar para °F) |

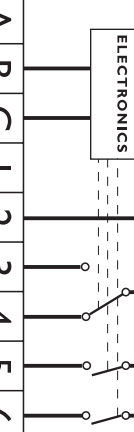
Montaje de componentes del crono (Fig.10-12)

Cableado (Fig.18-19) - solo versiones de conexión permanente

Instrucciones de puesta en marcha (Fig.11-13)

- Paso 1** Pulsar y mantener pulsados LEARN durante 3 segundos (situado debajo del disco de fijación) Fig.13 **No vuelva a colocar el disco de fijación todavía.**
- Nota: el termostato transmite ahora de forma continua durante 5 minutos**
- Paso 2** RX1 - Pulsar y mantener pulsados **PROG** y **CH1** durante 3 segundos
- Paso 3** RX2 / RX3 - Repetir paso 1 y 2 por cada termostato y canal
- Paso 4** Vuelva a colocar el disco de fijación (Fig.15)

Bloquear y Limitar (Fig.14-15)



DK - Instruktions vejledning

Specifications

| | |
|----------------------------------|---|
| Teknisk data | RET B (RF) /RET B-LS (RF) /RET B-NSB (RF) |
| Kontaktbelastning | 10-230Vac, 3 (1) A |
| Temperaturmåleghed | ±1°C |
| Kontakt type | SPDT Type 1B |
| Senderfrekvens | 433.92 MHz |
| Rækkevidde (se nedenstående not) | 30m max |
| Forsyning | 2 x AAAMN1500 alkaline batterier |
| Omgevelse | Gråd 2 |
| Nomiel Input Spænding | 2.5 kV |
| Opfylder | BS EN 60730-2-9 |
| Kilde tryk test | 75°C |
| Max. omgivelsestemperatur | 45°C |
| Dimensioner (mm) | 85 (h) x 86 (b) x 42 (d) |

Vigtig note ved RF produkter: Vær opmærksom på at større metal genstande som belder eller andre store elektriske maskiner, placeret mellem sender og modtager kan forårsage modtage og sende forstyrrelser og evt. forstyrre kommunikationen mellem termostat og modtager

Montering (Fig.1-5)

Ledningsføring (Fig.16) - (ledningsstrukre versioner)

Opkoblinger (Fig.5-8) - (ledningsstrukre versioner)

Montørindstillinger (Fig.9)

Opvarmning

| Sw No. | Function | Funktion |
|--------|-----------------------|----------------------------------|
| 1 | Varme | Køling |
| 2 | On/Off | Ingen kompressor forsinkelse |
| 3 | Ikke aktiv | Ikke aktiv |
| 4 | °C (omskifter til °F) | °C (omskifter til °F) |
| Of 1 | Varme | Køling |
| 2 | Varme | Kompressor forsinkelse indkoblet |
| 3 | 3 perioder per time | 2 min kompressor forsinkelse |
| 4 | °C (omskifter til °F) | °C (omskifter til °F) |
| Of 1 | Varme | Køling |
| 2 | Varme | Kompressor forsinkelse indkoblet |
| 3 | 3 perioder per time | 2 min kompressor forsinkelse |
| 4 | °C (omskifter til °F) | °C (omskifter til °F) |
| Of 1 | Varme | Køling |
| 2 | Varme | Kompressor forsinkelse indkoblet |
| 3 | 3 perioder per time | 2 min kompressor forsinkelse |
| 4 | °C (omskifter til °F) | °C (omskifter til °F) |

Samling af termostaten (Fig.10-12)

Ledningsføring (Fig.18-19) - (ledningsstrukre versioner)

Aktiveringsinstruktioner (Fig.11-13)

- Trin 1** Tryk i 3 sekunder på knappen LEARN Placeret under indstillingsknappen (Fig.13)
Sæt ikke indstillingsknappen på endnu
Noter: Termostaten transmitter nu konstant i 5 minutter
- Trin 2** RX1 - Tryk knapperne PROG og CH1 ind i 3 sek.
- Trin 3** RX2 / RX3 - For RX2 og RX3 gøntag trin 1 og 2 for hver termostat og kanal.
- Trin 4** Replace the setting dial (Fig.15)

Låsning og begrænsning (Fig. 14-15)

Fig.16

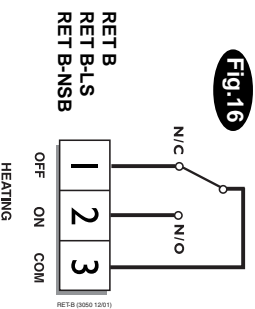


Fig.17

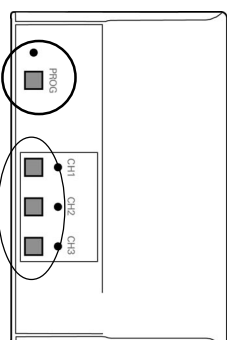
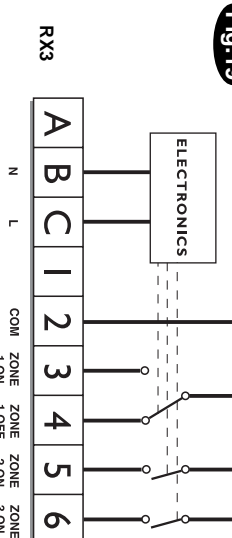


Fig.18



Fig.19



NL - Installatie handleiding

Technische specificaties

| | |
|--------------------------------|---|
| Omschrijving | RET B (RF) /RET B-LS (RF) /RET B-NSB (RF) |
| Contactbelasting | 10-230Vac, 3 (1) A |
| Nauwkeurigheid | ±1°C |
| SPDT Type 1B | SPDT Type 1B |
| Zender frequentie (RF modelen) | 433.92 MHz |
| Zender bereik (RF modellen) | 30m max |
| Batterijen | 2 x AAAMN1500 Alkaline |
| Miller-regel situatie | Niveau 2 |
| Nominale piekspanning | 2.5 kV |
| Voldoet aan | BS EN 60730-2-9 |
| Kogeldruk test | 75°C |
| Max. omgevingsstemperatur | 45°C |
| Afmetingen (b)xhxd) | 85 x 86 x 42 mm |

Balansrijk voor RF modellen: Let er op dat zich geen grote metalen voorwerpen zoals reëls of andere grote apparaten, in de gezichtslijn tussen termostat en ontvanger bevinden, aangezien hierdoor de communicatie tussen termostat en ontvanger wordt verstoerd.

Montage (Fig.1-5)

Aansluitingen (Fig.16) - niet bij RF modellen

Bedrading (Fig.5-8) - niet bij RF modellen

Instellingen (Fig.9)

Verwarmen

| Sw No. | Functie | Functie |
|--------|--------------------------|----------------------------------|
| 1 | Verwarmen | Koelen |
| 2 | Aan/uit regeling | Geen anti-pendeling compressor |
| 3 | Ongebruikt | Ongebruikt |
| 4 | °C (omzetten voor °F) | °C (omzetten voor °F) |
| Of 1 | Verwarmen | Koelen |
| 2 | Onopropionische regeling | Anti-pendeling compressor actief |
| 3 | Cyclus tijl 20 min | Anti-pendeling 2 min. |
| 4 | °C (omzetten voor °F) | °C (omzetten voor °F) |
| Of 1 | Verwarmen | Koelen |
| 2 | Onopropionische regeling | Anti-pendeling 4 min. |
| 3 | Cyclus tijl 10 min. | Anti-pendeling 2 min. |
| 4 | °C (omzetten voor °F) | °C (omzetten voor °F) |

Plaatsen van de thermostaat (Fig.10-12)

Aansluiting van ontvanger (Fig.18-19) - alleen bij RF modellen

Inbedrijfstelling van RF modellen (Fig.11-13)

- Stap 1** Knop LEARN 3 seconden ingedrukt houden (bevindt zich onder instelknop) Fig.13
De instelknop nog niet terugzetten
Opmerking: thermostaat zendt nu gedurende 5 minuten een continu signaal uit
- Stap 2** RX1 - Knop PROG en CH1 3 seconden ingedrukt houden
- Stap 3** RX2 / RX3 - Voor RX2 of RX3 herhaal stap 1 en 2 voor elke thermostaat en kanaal
- Stap 4** De instelknop terugzetten (Fig.15)

Blokkeren & Beperken (Fig.14-15)

PL - Instrukcja Instalatora

Dane techniczne

| | |
|-------------------------------------|---|
| Dane techniczne | RET B (RF) /RET B-LS (RF) /RET B-NSB (RF) |
| Odczytanie sygnał | 10-230 Vac, 3 (1) A |
| Dokładność regulacji | ±1°C |
| Rodzaj przełącznika | SPDT Type 1B |
| Częstotliwość komunikacji | 433.92 MHz |
| Zasięg nadajnika (zob. uwaga niżej) | 30m max |
| Zasilanie | 2 x AAAMN1500 baterie alkaliczne |
| Dokładność regulacji | Degree 2 |
| Ochrona przedpięciem | 2.5 kV |
| Zgodnie z wymaganiami | BS EN 60730-2-9 |
| Odporność temperaturowa | 75°C |
| Maksymalna temperatura odczytu | 45°C |
| Wymiary (mm) | 85 szer. x 86 wys. x 42 głęb. |

Ważne - dotyczy produktów RF: Upewnij się, że między nadajnikiem i odbiornikiem nie znajdują się żadne duże metalowe przedmioty, takie jak np. kocioł. Ich wystąpienie może spowodować zakłócenia w komunikacji.

Montaż (zob. rys. 1-5)

Podłączenie przewodów (zob. rys. 16) - nie dot. modeli RF

Schematy podłączeń elektrycznych (zob.rys.5-8) - nie dot. modeli RF

Ustawienia przy instalacji (rys.9)

Tryb - grzanie

| Sw No. | Działanie | Działanie |
|--------|--------------------|---|
| 1 | Grzanie | Chłodzenie |
| 2 | Wł. / Wył. | Bez odczytania |
| 3 | Nieaktywny | Nieaktywny |
| 4 | * C (zmiana na °F) | * C (zmiana na °F) |
| Albo 1 | Grzanie | Chłodzenie |
| 2 | Chrono | opóźnienie włączenia agregatu chłodzącego 2 min |
| 3 | 3 cykli na godz | opóźnienie włączenia agregatu chłodzącego 2 min |
| 4 | * C (zmiana na °F) | * C (zmiana na °F) |
| Albo 1 | Grzanie | Chłodzenie |
| 2 | Chrono | opóźnienie włączenia agregatu chłodzącego 4 min |
| 3 | 6 cykli na godz | opóźnienie włączenia agregatu chłodzącego 4 min |
| 4 | * C (zmiana na °F) | * C (zmiana na °F) |

Montaż termostatu (rys.10-12)

Podłączenie przewodów (zob. rys.18-19) - nie dot. modeli RF

Instrukcja (rys.11-13)

- Krok 1** Przyćniń na 3 s jednocześnie przycisk LEARN (znajduje się pod panelem regulacyjnym) Rys.13
Nie zamkaj jeszcze panelu regulacyjnego
Uwaga: termostat wysyła obecnie sygnał bez przerw przez 5 minut
- Krok 2** RX1 - Przyćniń na 3 s przyciski PROG i CH1
- Krok 3** RX2 / RX3 - Powtórz 1 i 2 dla każdego współpracującego termostatu i kanału
- Krok 4** Zamknij panel regulacyjny

Zamknięcie i ograniczenie (Rys.14-15)

RET B(RF), RET LS(RF) & RET NSB(RF)

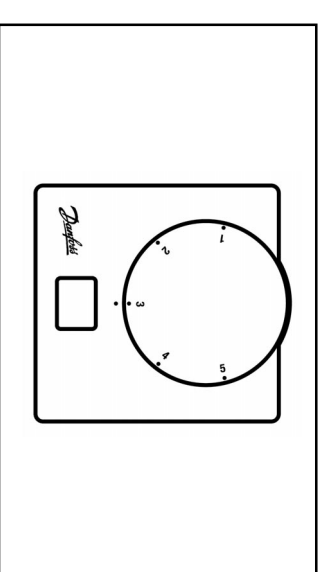


Fig.1

Fig.2

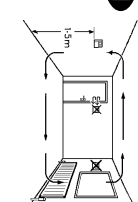


Fig.3

Fig.4

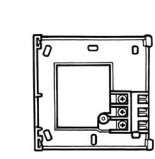
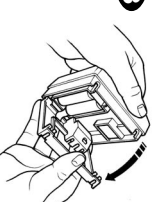


Fig.5

Fig.6

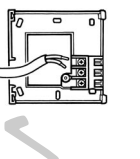
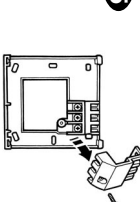


Fig.7

Fig.

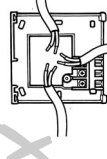


Fig.9

Fig.10

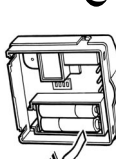
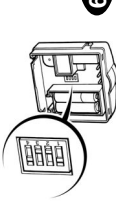


Fig.11

Fig.12

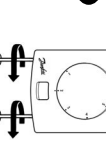


Fig.13

Fig.14

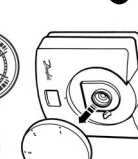
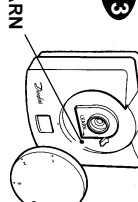


Fig.15

