

RET B



Battery Powered Room Thermostat *easy to use setting dial and LCD display*

- Modern stylish design
- Battery powered, electronic accuracy
- Large, easy to use setting knob
- LCD displays set temperature and actual temperature
- Ideal for upgrades where conventional two-wire electro-mechanical thermostats are being replaced
- Wallplate construction



RET B



RET B-LS



RET B-T

Danfoss Randall Ltd

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RET B Battery Powered Room Thermostat with Setting Dial



Traditional room thermostat with added functionality; ideal for upgrades where conventional two-wire electro-mechanical thermostats are being replaced.

RET-B is a battery powered room thermostat that offers the advantage of an easy to use setting dial plus the convenience of an LCD to display temperature.

Available in hard-wired and wireless models, the RET-B is an ideal product in the upgrade and replacement market since it only requires a two-wire connection.

Styled upon the RMT and RET room thermostat range, RET-B provides accurate electronic temperature control without the need for an external power supply. The design utilises a micro-processor which, as well as providing accurate temperature control, also drives a small LCD display which, during normal operation, displays actual room temperature and which changes briefly, to show setting temperature, whenever the setting knob is moved.

The micro-processor design also brings with it many sophisticated functions not normally found within such a thermostat.

These include optional chrono-proportional regulation and cycle rate adjustment, heat or cool operation, compressor delay timer if cooling operation is selected and Fahrenheit or Centigrade temperature scale.



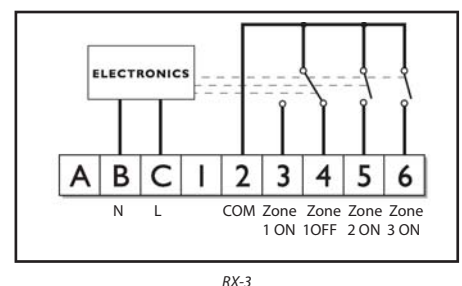
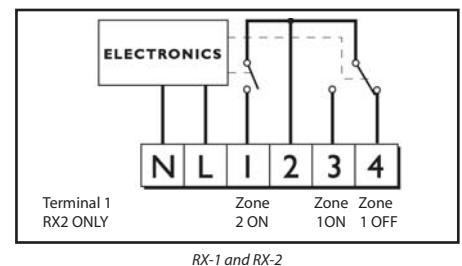
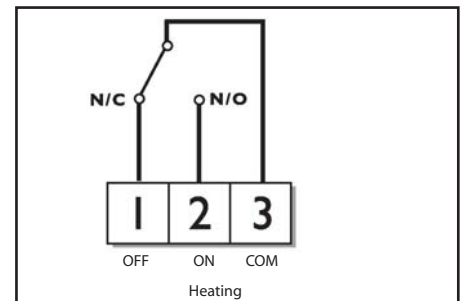
RX-1



RET B

Hard-wired Versions	RET B	RET B-LS
Code No. - hard-wired models	087N725100	087N725500
Wireless Versions	RET B-RF	RET B-LS-RF
Code No. - without receiver	087N727000	087N727200
Code No. - for set c/w single channel receiver	087N727600	
Auto/Off Selector Switch		•
Temperature range	5-30°C	
Setting knob & LCD display	•	
Chrono-proportional or on/off control	•	
Heat or cool operation, inc. compressor time delay	• (1)	
Selectable Fahrenheit or Centigrade scaling	•	
Low battery indicator	•	
Output relay contact rating (hard-wired models only)	10-250 Vac, 50/60 Hz, 3 (1) A	
Switching action (hard-wired models only)	1 x SPDT	
Transmitter frequency (wireless models only)	433.92 MHz	
Transmitter range (wireless models only)	Typically 30 metres line of sight (2)	
Power supply	2 x AA/LR6/MN1500 alkaline batteries	
Maximum ambient temperature	45°C	
Dimensions (mm)	85 wide x 86 high x 42 deep	
Notes:		
(1) Compressor delay only available if thermostat is set to cool operation.		
(2) Ensure there are no large metal objects between the thermostat and receiver as this will interfere with radio signal.		

Wiring Details



Receivers (RF models)	RX-1	RX-2	RX-2C	RX-3
Code No.	087N747600	087N747700	087N747900	087N747800
Number of zones receiver covers	1	2	2	3
Power supply (receivers)	230 Vac, ±15%, 50/60 Hz			
Contact details	1-SPDT	1-SPDT, 1-SPST	2-SPDT	1-SPDT, 1-SPST
Contact rating	10-230 Vac, 3(1)A			
Dimensions (mm)	138 wide x 88 high x 32 deep			

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