

# RET MD



## The Intelligent room thermostat *for increased fuel economy*

- Modern stylish design
- Intelligent heating control for increased fuel economy
- Micro-processor accuracy
- Setting dial with LCD temperature display
- Wallplate construction for ease of installation



RET-M



RET-MD

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# RET MD Room Thermostat

## Delay Start with Setting Dial



**Intelligent room thermostat with added functionality, including chrono-proportional control and delay start feature.**

RET-MD thermostats combine the ease of use benefits of a setting dial together with the accuracy and advanced features, including LCD display, that are only available from micro-processor based controllers. The LCD display, that normally shows actual room temperature, changes momentarily to show set temperature whenever the setting dial is moved. Styled upon the RET room thermostat, the RET-MD can be set up by the installer to provide either traditional on/off control or more sophisticated chrono-proportional control for increased comfort and economy.

The RET-MD is an intelligent room thermostat that incorporates an energy saving delay start feature, which delays the start-up of the heating dependent upon how close to set-point the room temperature is at the time the central heating time switch is scheduled to turn on the heating system.

Under most load conditions, this feature reduces the number of hours per day that the system runs, without creating any discomfort. This feature can, if necessary, be cancelled if the user wishes to override the delay period.

A version without delayed start, type RET-M, is also available. This model offers all the features of the RET-B but is mains powered.

Both models are ideal for use with combination boilers and can be installed without the need for complicated wiring or commissioning.



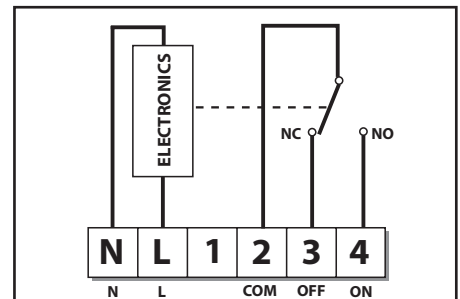
RET-MD



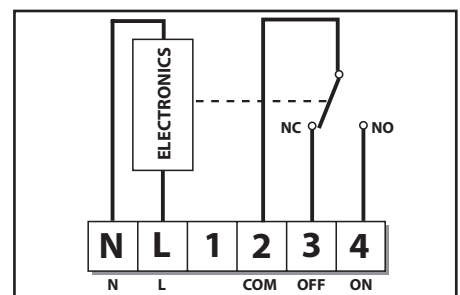
RET-M

Features	RET-MD	RET-M
Code No.	087N726200	087N726400
Temperature Range	5-30°C	
Setting knob and LCD display	•	
Delay start feature dependent upon proximity to set-point	•	
Delay start override button and LED status indicator	•	
Chrono-proportional or on/off control	•	
Heat or cool operation, including compressor delay timer		•(1)
Selectable Fahrenheit or Centigrade scaling	•	
Delay start select/disable feature	•	
Output relay contact rating	10-250 Vac, 50/60 Hz, 3 (1) A	
Switching action	1 SPDT	
Power supply	230 Vac, ±15%, 50/60 Hz	
Maximum ambient temperature	45°C	
Dimensions (mm)	85 wide x 86 high x 42 high	
Note: (1) Compressor delay only available if thermostat is set to cool operation		

### Wiring Details



RET-M



RET-MD