



Remote Control Instructions

General

The Merlin RMU remote control unit is designed specifically for use with the Merlin instantaneous gas fired hot water system.

Up to four (4) of these remotes can be used on a system, and can be added at any time.

The purpose of the remote control feature is to enable you to have complete control over your hot water system.

Adjustments to the operation of your hot water system can be made with any of the remote controllers.

A different temperature can be stored in the memory of each remote controller.

Set temperatures are: 36,37,38,39,40,41,42,43,44,45,46,47,48 degrees Celsius.

Coding

In order to communicate, remote controls must be assigned to the master controller in the heater by following these steps:

1. Turn off the power to the heater.
2. Press the "Transfer" and "Down" buttons on the remote simultaneously and hold for five (5) seconds, after which time the display will show "- -". Release the "Down" button first and then the "Transfer" button. The display should still show "- -", which means the remote is now ready to be assigned.
3. Restore power to the heater to automatically assign remotes to the master controller.

Once coded, remotes communicate exclusively with the heater they are assigned to.

Note: If you have multiple remotes, they can be coded simultaneously.

Identification Number

When there are 2, 3 or 4 remotes on the system, each one must have a different 2 digit ID number between 00 and 03.

To check or alter an ID, follow these steps:

1. Press the "Transfer" and "Up" buttons on the remote simultaneously and hold for five (5) seconds, after which time the display will show a 2 digit number between 00 and 03. Release the buttons.
2. Press the "Up" button repeatedly to cycle through to the required ID number.
3. Press the "Transfer" button to return to the standard display.

Repeat the above steps for each remote on the system, to ensure that each has a different ID number.

Mounting Options

There is no real need to mount the remote. It will operate satisfactorily from any position, including just laying on the bench top.

However, if you prefer wall mounting, there is provision for this in the form of three (3) keyhole slots (at 10mm centres to suit #4 screws) in the rear surface of the remote enclosure.

A simple solution when mounting on to a smooth surface, such as glazed tiles, is to use a couple of pieces of double sided tape.

Taking Control

If you wish to set the hot water temperature from a remote controller, simply press the “Transfer” button. If the system is already in use, the water temperature currently being supplied will be displayed and the system will not allow you to take control. Transfer is only permitted when the system is not in use.

If the system is not in use (idle), the temperature last set on the controller will appear steady on the display and the “in control” symbol will appear on the left hand side of the display signifying that this controller now has exclusive control.

When the hot water tap is turned on, the symbol in the centre of the display will flash, indicating that the system is in use. The temperature of the hot water being supplied is displayed and can be adjusted between the limits of 36 deg C and 48 deg C in steps of 1 degree, whenever the controller is in control.

To surrender control when finished with the hot water, simply press the “Transfer” button. The “in control” symbol will disappear and the default temperature will appear steady on the display.

Note: If the system remains idle for longer than 5 minutes, control will be forfeited and the temperature will revert back to the default temperature.

WARNING!

THE ENCLOSURE OF THE REMOTE CONTROL UNIT IS NOT WATERTIGHT AND WILL NOT PROTECT THE INTERNAL ELECTRONIC COMPONENTS FROM WATER DAMAGE IF IMMERSSED OR HEAVILY SPLASHED. REMOTES SHOULD THEREFORE, BE PLACED IN ESSENTIALLY DRY LOCATIONS.

EACH UNIT IS SUPPLIED WITH A THIN PLASTIC FILM APPLIED TO THE FACE TO PROTECT THE KEY PAD MEMBRANE FROM DAMAGE DURING MANUFACTURE AND HANDLING. THIS PROTECTIVE FILM SHOULD BE REMOVED WHEN THE UNIT IS PUT INTO SERVICE.

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