



 **Munters**


**Green RTU RX**

Quick Guide

This Quick Guide summarizes how to assemble Green RTU RX units.  
For detailed information, go to Munters' on-line manual library

Scan the QR Code or go to

[https://www.munters.com/en/munters/products/  
climate-controllers-for-agriculture/green-rtu-products/](https://www.munters.com/en/munters/products/climate-controllers-for-agriculture/green-rtu-products/)

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Manual 



# This document lists the basic steps to be done when assembling a Munters Green RTU RX Unit.



**NOTE:** This document is not meant to be a substitute for Green RTU manuals. It is critical that you observe all steps, cautions and warnings contained in the manual.

## Introduction

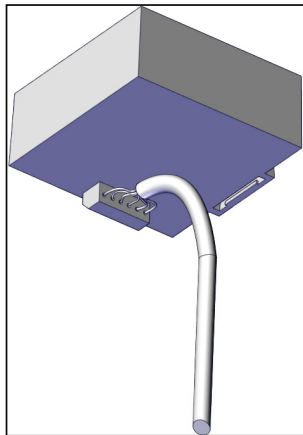
**Munters strongly recommends that the following be done in the office:**

- Assemble all RTUs.
- Give each RTU an ID number [refer to Green RTU Configuration Manual].
- Use a Green Field Controller to test each RTU and its outputs; verify that valves open and close as required.

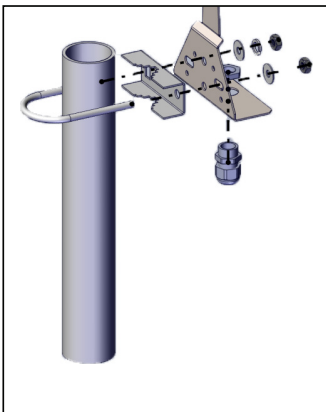
After verifying that each RTU operates as required, install them in the field according to their number and location.

## Procedure

1. Slide the RTU into position on the metal support plate.

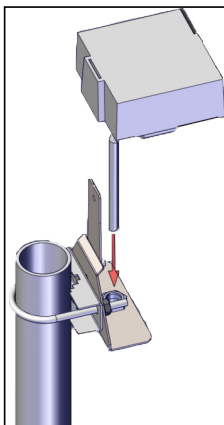


2. On the metal support plate, screw the cable gland into place.
3. Secure the U-bolt into place on the metal support plate.

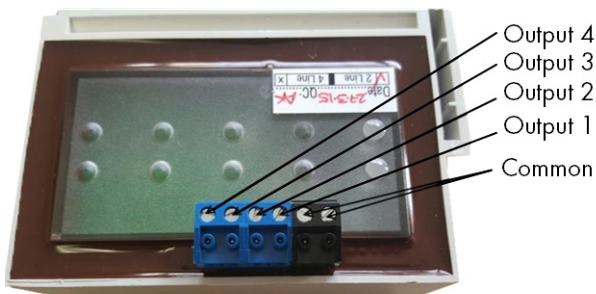


4. Connect the cable to the terminal port (refer to the RTU RX Module Manual, page 8 for details).

5. Place the unit on the support plate.



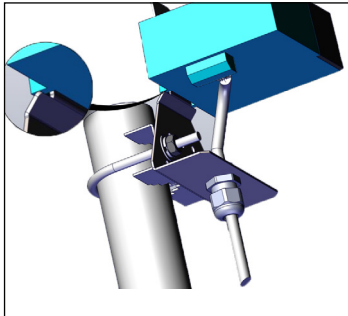
6. This version of the Green RTU radio receiver module is equipped with a 6 terminal pins and a plug (black and blue) as shown in the figure below.



Looking from the rear (the mounting slot end) of the radio receiver module the terminals are as follows:

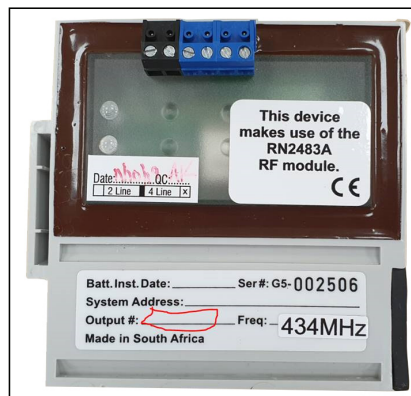
- Terminal 1 - Common (Black)
- Terminal 2 - Common (Black)
- Terminal 3 - Output #1 (Blue)
- Terminal 4 - Output #2 (Blue)
- Terminal 5 - Output #3 (Blue)
- Terminal 6 - Output #4 (Blue)

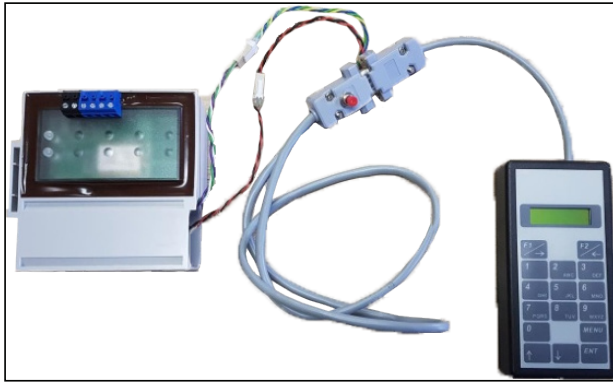
7. Run the cable through the cable gland.



8. Program this unit:

- In the label indicated below, mark this unit with its output number.
- Program the unit as detailed in the Green RTU RX Module Programming Manual.
  - Each unit must have a unique ID.
  - Define the valves' parameters in the RTU and in the Green Field controller. Refer to the Green RTU Configuration Manual.





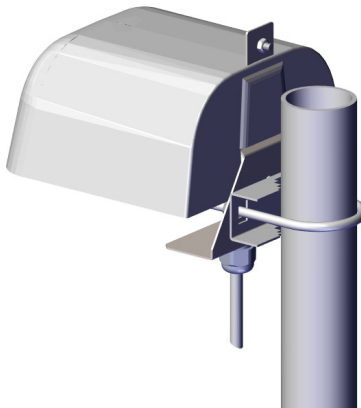
9. Connect the battery cables to the battery and reinsert the battery.

10. Replace the black plastic cover.

11. Repeat the above for all RTU units.

12. Munters recommends creating for each project a mapping list showing the controller output number, the RTU number, and the field valve numbers.

13. After completing the test, place the plastic cover in place and install the RTU in its location.



Note: On the exterior of each Green RTU RX unit is a label. On each unit is a serial number (S/N) that is written in a MMY format (0118 in the picture below). In the event that you require technical support for an RTU RX unit, have the S/N ready

