

Inverter Analyzer Check

Operation Method

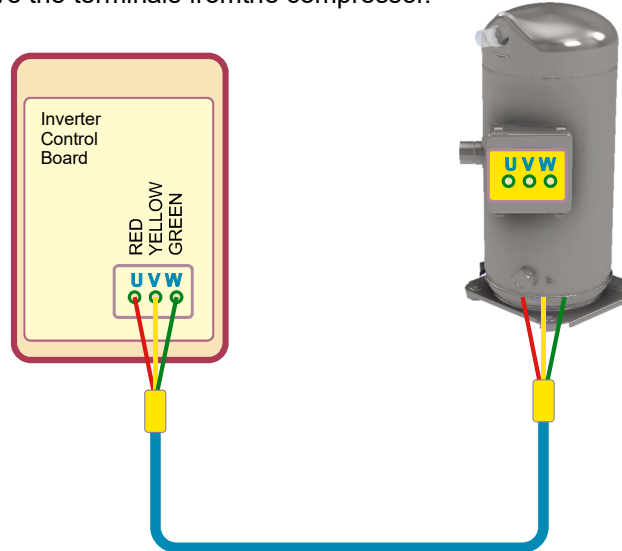
Connect an inverter analyzer in place of the compressor.

Be sure to turn the power off.

Note: Make sure the charged voltage of the built-in smoothing electrolytic capacitor drops to 10VDC or below before carrying out the service work

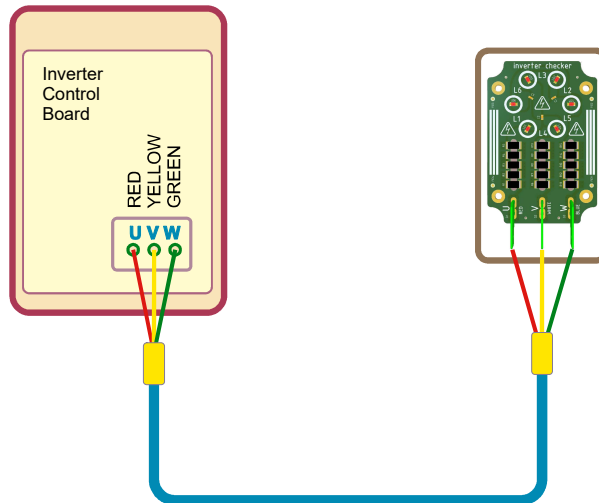


Step 1 Remove the terminals from the compressor.



Step 2 Connect the terminals to the inverter analyzer.

Be careful not to let the terminals (U,V,W) touch each other. Otherwise, high voltage is applied.



Reference: If the terminals of the compressor are not FASTON terminals (difficult to remove the wire on the terminals), it is possible to connect wires available on site to the outdoor unit from the output side of the PCB. (Do not connect the wires to the compressor at the same time, otherwise it may result in incorrect detection.)

Step 3 Diagnostics

1. Turn on the system
2. Watch the inverter start working
3. First, you will see the direction of rotation of the phases and you can diagnose the correct connection of the compressor.
4. The uniform glow of the LEDs will indicate the serviceability of the inverter circuit board.
5. If any LED does not light, this indicates a malfunction of the inverter PCB



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