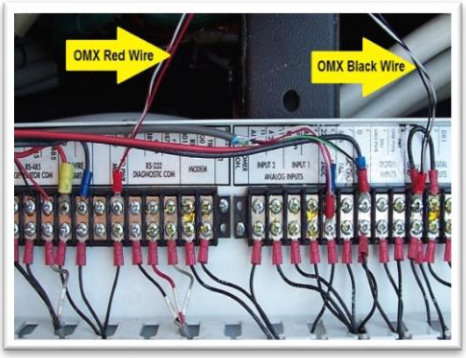
OMNIMETRIX
GLOBAL MONITORING + CONTROL

TrueGuard-PRO™ Generac G Panel Installation Guide

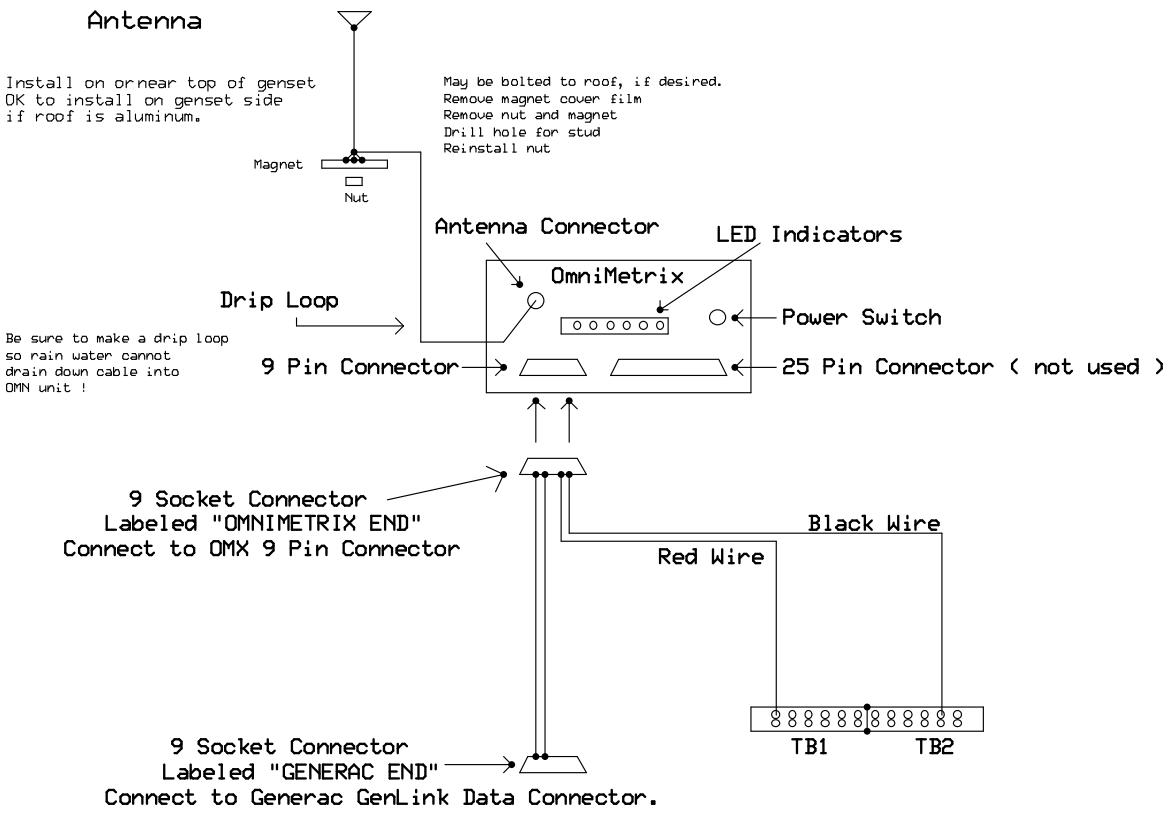
1. Unpack the monitor, antenna and the data/power cable. The data/power cable is a black cable with DB9 data connectors on two ends and red/black wires emerging from the connector labeled 'OmniMetrix End'. Take a moment to inspect all components to verify there is no shipping damage.
2. Place the antenna vertically on the roof of the generator and route the antenna cable into the area of the generator control. The antenna used for transmitting must be installed to provide a separation distance of at least 20 cm from all persons and must not transmit simultaneously with any other antenna transmitters. BE SURE to provide a drip loop lower than the monitor to keep water from running down the antenna cable into the monitor connection.
3. Attach the monitor to the top of the generator control enclosure. Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary. *Note: If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.*
4. Locate terminal strip TB2 inside the generator control enclosure. Attach the BLACK WIRE to the ground terminal labeled 'DC GND' near the top of the terminal strip. Locate terminal strip TB1 and attach the RED WIRE to the 'TO PWR' terminal near the center of the terminal strip.
5. Attach the antenna cable to the front of the monitor, and tighten thumb tight.
6. Plug the data cable end labeled 'OmniMetrix End' into the DB-9 connector on the front of the monitor and tighten screws.
7. Plug the data cable end labeled 'Generac End' into the Generac GenLink data connector and tighten screws.
8. Turn on the monitor and confirm that the LEDs light up and blink. If not, check for power on the terminal strip. If, after 5 minutes, the only LED lit is the Power LED, check the antenna mount and cable connection.
9. Allow 15 minutes for the monitor to log into the network, then call OmniMetrix® at 770-209-0012 to confirm installation. Access to machine data is through the OmniView® web interface at www.omnimetrix.net. Contact OmniMetrix for login instructions and web training.

Data/Power Cable

Generac G Panel Control



Power Connections



General Wiring Steps:

1. Install Antenna on or near roof.
2. Connect the Red wire to TB1 and Black wire to TB2
3. Connect DB9 connector to the OMN unit.
   Make sure it is the end marked OMNIMETRIX END !
4. Connect DB9 connector to the Generac GenLink Data Connector.
   Make sure it is the end marked GENERAC END !
5. Turn on Power Switch on the OMN unit.
   LEDs should begin to flash.
   If not, check power connections with volt meter.
6. Wait 15 minutes for unit to make online connection.
   Call OMN at 770-209-0012 to confirm operation.

OmniMetrix LLC		
G8500 - Generac G Panel		
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If you have any questions, please call OmniMetrix Tech Support at 770-209-0012 or email at techsupport@omnimetrix.net.