

1. Unpack the monitor, antenna and the data/power cable. The 25 pin connector plugs onto the front of the OmniMetrix® monitor. This cable includes wires to power the monitor as well as wires for alarm inputs, relay outputs and analog inputs. Inspect all components to verify there is no shipping damage.
2. Locate the area behind the door where two panels come together in the housing. Peel the weather stripping down and route the antenna between the weather stripping and the housing. Place the wire for the antenna in the slot between the two panels and replace the weather stripping. 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. Route the data/power cable to the interior of the generator control housing on the right-hand side.
4. The monitor connects to the Generac C Panel using the wiring definitions as shown in Table 1 (next page).
5. Temporarily mount the monitor to the side of the control and attach the 25 pin cable to the front of the monitor and tighten screws. Attach the antenna cable to the front of the monitor, and tighten thumb tight.
6. 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.
7. Allow 15 minutes for the monitor to log into the network and 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.
8. Reassemble the controller and attach the monitor, via the magnetic feet, to the top of the control panel or other appropriate location. 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.*



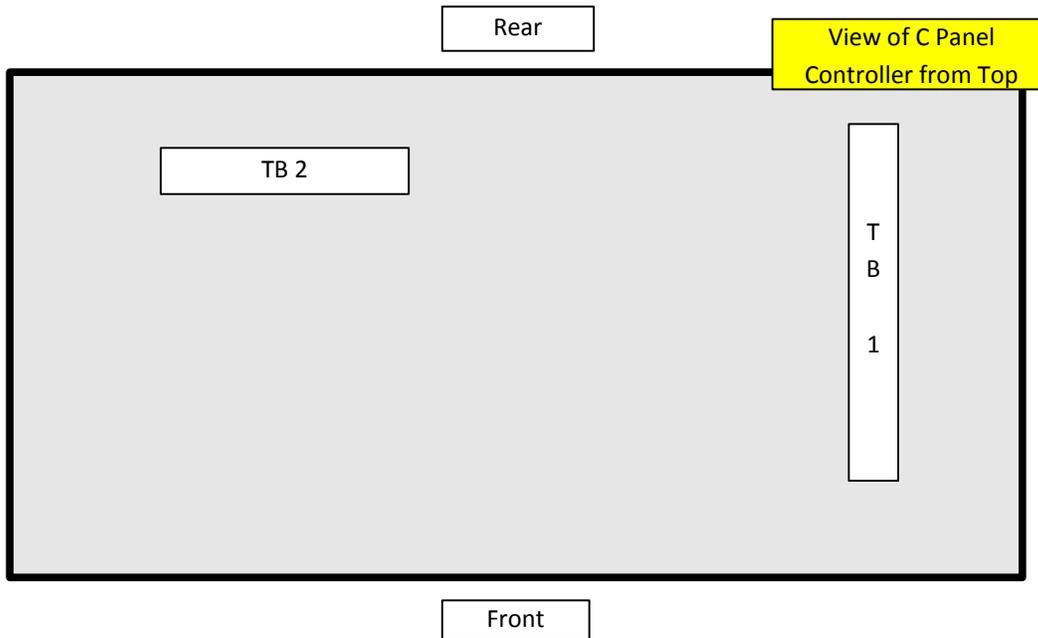
Data/Power Cable



Generac C Panel Control

Table 1

GENERAC C PANEL WIRING TABLE		
OMN WIRE	FUNCTION	TERMINATION
Red	Power In	TB1 - 13/218
Black	Ground	TB1 - 0
Orange	Generator Running	TB1 - 14/219
Gray	Temperature High	TB1 - 95
Blue	Common Alarm	TB2 - 211
Pink	Not in Auto	TB2 - 228
Violet	Fuel Level Low	TB3 - 502 (only for Diesel Units > 400kW)
Tan	Oil Pressure Low	TB2 - 94
Yellow	Overcrank	TB2 - 96
White/Yellow	2-wire start	TB1 - 178
White/Brown	GND for 2-wire start	TB1 - 183
Brown	Overspeed	TB2 - 97
Violet	RPM Sensor Loss	TB2 - 98 (only for non-Diesel Units or < 400kW)



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