

# installation

## Wiring Diagram With and Without Thermostat/Remote Control

**WARNING**

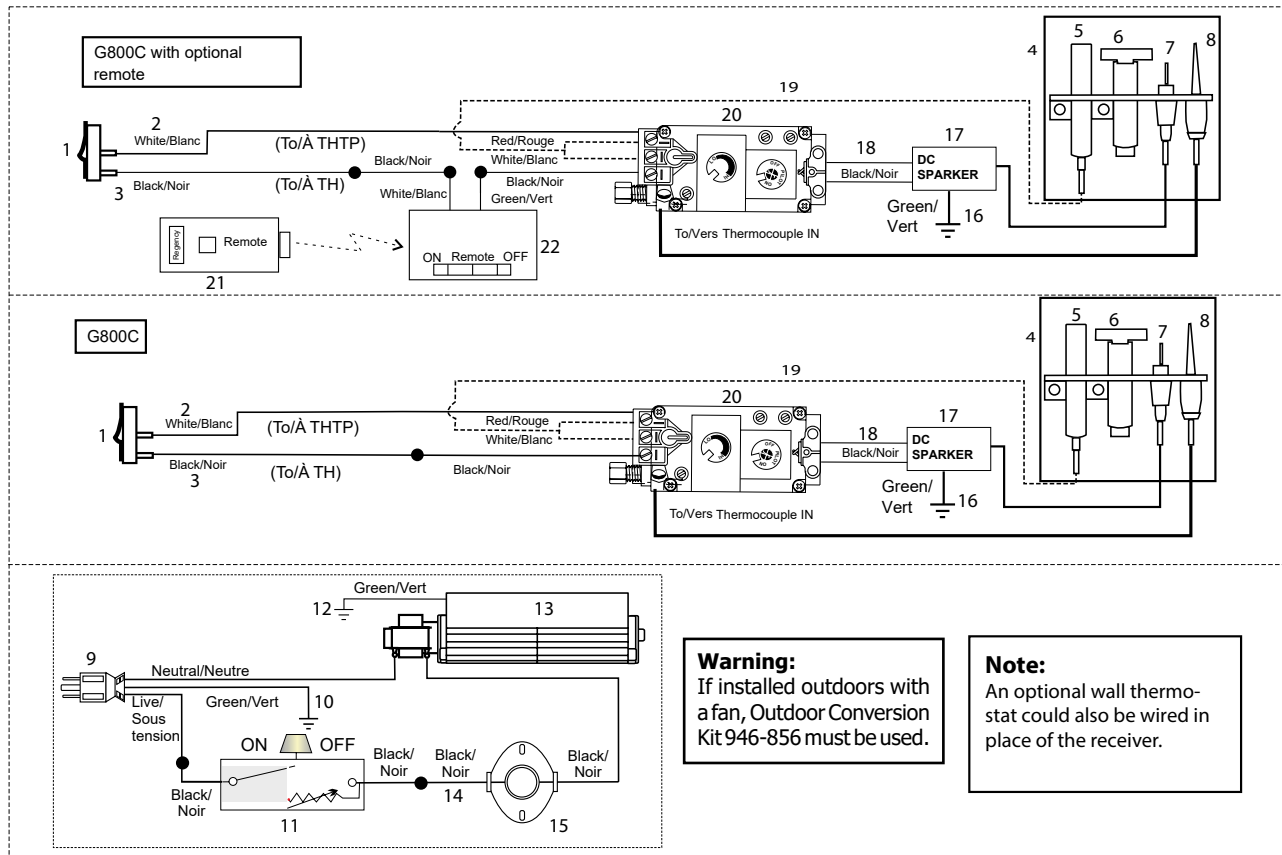
### Electrical Grounding Instructions

This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard. Plug it into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

This heater does not require a 120V A.C. supply. In case of a power failure, it will continue to operate using the on/off switch provided.

**CAUTION**

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing. Ensure that the wires do not touch a hot surface and are away from sharp edges.



**Warning:**  
If installed outdoors with a fan, Outdoor Conversion Kit 946-856 must be used.

**Note:**  
An optional wall thermostat could also be wired in place of the receiver.

| Item | Part #    | Description                       |
|------|-----------|-----------------------------------|
| 1    | 911-314   | Two-Way Switch                    |
| 2    | 910-805   | White Wire                        |
| 3    | 911-313   | Black Wire                        |
| 4    |           | Pilot Assembly                    |
|      | 910-038/P | NG                                |
|      | 910-039/P | LP                                |
|      | W840470   | Pilot Assembly Gasket (not shown) |
| 5    | 910-341   | Thermopile                        |
| 6    | 910-096   | Three-Way Pilot Hood              |
| 7    | 910-030   | Electrode                         |
| 8    | 910-386   | Thermocouple                      |
| 9    | 911-159   | 120 V AC Power Cord               |
| 10   | 910-692   | Green Ground Wire                 |
| 11   | 910-412   | Rotary Speed Control              |

| Item | Part #      | Description                             |
|------|-------------|-----------------------------------------|
| 12   | 910-962     | Ground Wire                             |
| 13   | 911-290/P   | Fan                                     |
| 14   | 910-811     | Black Wire                              |
| 15   | 910-142     | Fan Thermodisc (normally open)          |
| 16   | 910-692     | Ground Wire                             |
| 17   | 910-073     | DC Spark Box                            |
| 18   | 910-074     | Spark Generator c/w Switch              |
| 19   | 911-240     | Brown Wire                              |
| 20   | 911-350     | S.I.T. Valve NG/LP 821                  |
| 21   | 910-592-OFT | Remote Transmitter (optional)           |
| 22   | 911-338/P   | Remote Receiver (optional)              |
|      | 910-407     | Wall Thermostat (optional)              |
|      | 910-404/P   | Programmable Wall Thermostat (optional) |