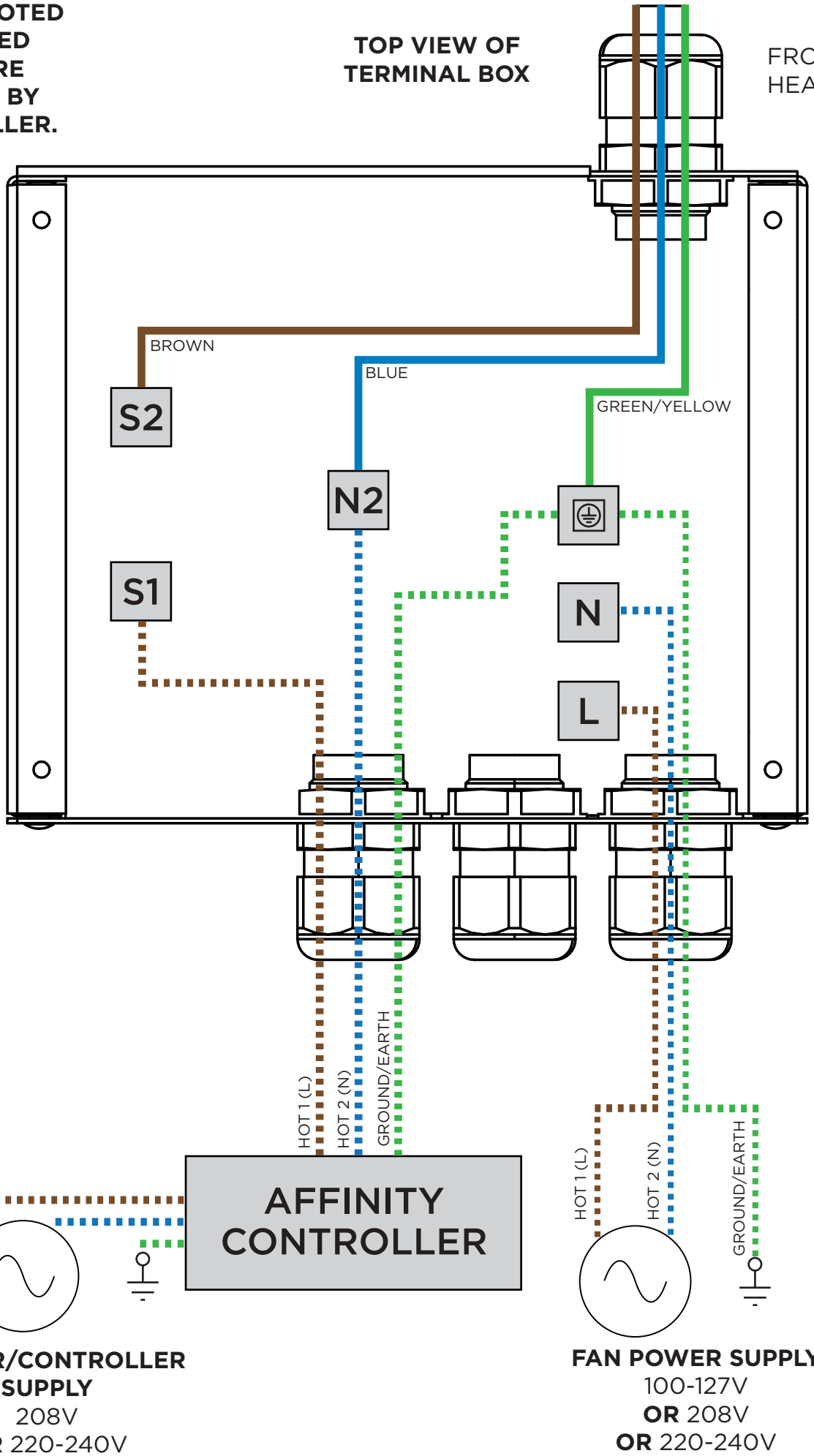
SUPPLEMENTARY WIRING DIAGRAM
2300W/3400W CONTROL BOX (OLD REVISION) WITH AFFINITY 1CH

WIRES DENOTED BY DASHED LINES ARE SUPPLIED BY THE INSTALLER.

TOP VIEW OF TERMINAL BOX



HEATER/CONTROLLER SUPPLY
208V
OR 220-240V

FAN POWER SUPPLY
100-127V
OR 208V
OR 220-240V

2300W/3400W KIT

FAN POWER SUPPLY

1. Connect AC fan power supply HOT 1 (L) wire into **WAGO [L]**.
2. Connect AC fan power supply HOT 2 (N) wire into **WAGO [N]**.
3. Connect AC fan power supply GROUND/EARTH wire into **WAGO** ⏚.

⚠ **IMPORTANT**

Fan power supply must be constant and powered at all times i.e. not before a switch. The fan must operate independently to the heater at all times.

FROM HEATER

6. Connect heater **BROWN** HOT 1 (L) wire into **WAGO [S2]**.
7. Connect heater **BLUE** HOT 2 (N) wire into **WAGO [N2]** (provided in screw bag).
8. Connect heater **GREEN/YELLOW** GROUND/EARTH wire into **WAGO** ⏚.

FROM AFFINITY CONTROLLER

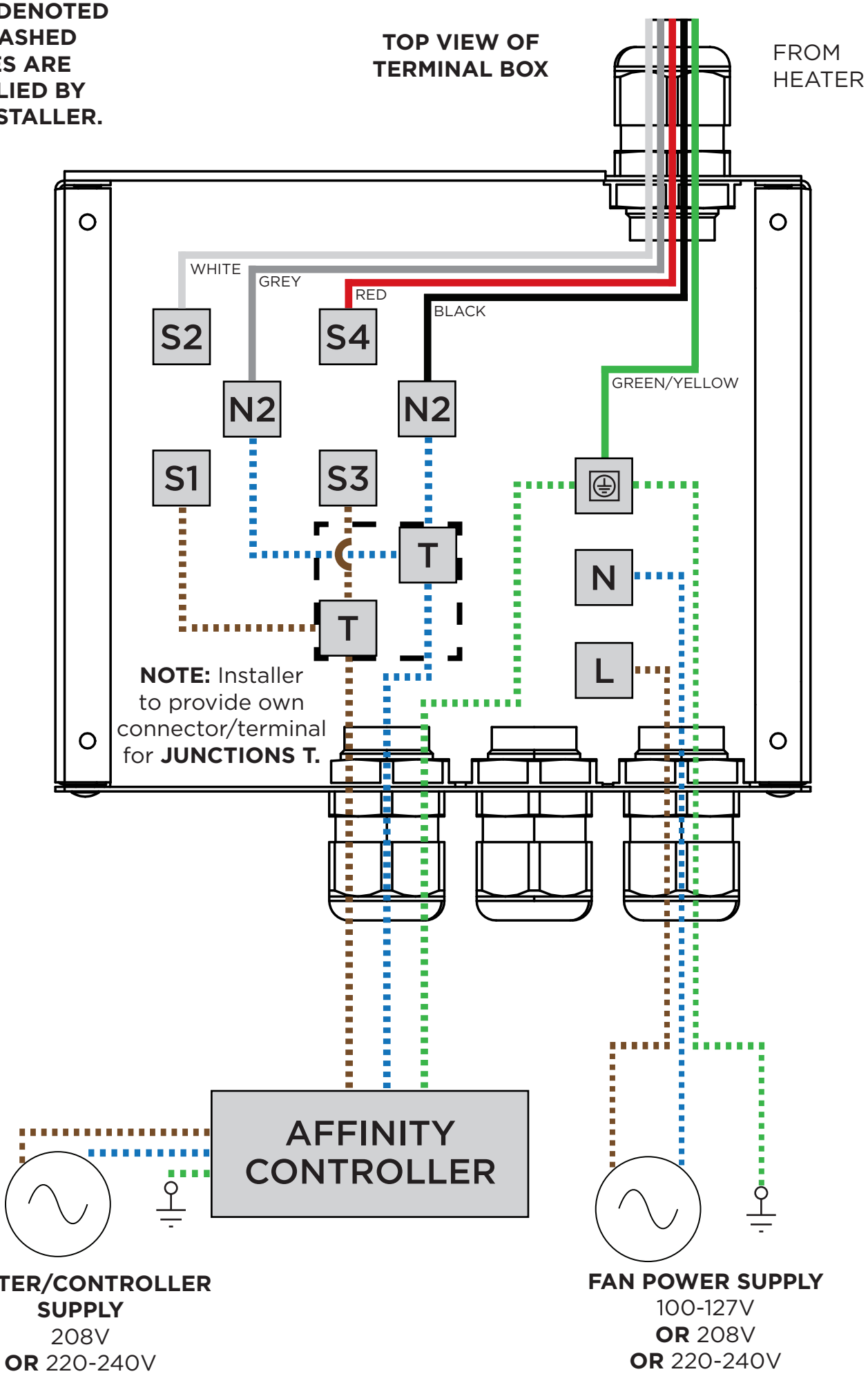
9. Connect HOT 1 (L) wire into **WAGO [S1]**.
10. Connect HOT 2 (N) wire into **WAGO [N2]**.
11. Connect GROUND/EARTH wire into **WAGO** ⏚. **(NOTE:** This step is optional. Installer should consider the grounding situation on the premises and if grounding from the controller to the recess kit is necessary. Any ground/earth wires can be united in the terminal box or in the AFFINITY CONTROLLER ground bus bar).

⚠ **IMPORTANT**

Installation MUST be carried out by a licensed and authorised technician in accordance with local electrical codes. Refer to local guidelines for conductor and breaker sizes.

SUPPLEMENTARY WIRING DIAGRAM
4500W OLD CONTROL BOX WITH AFFINITY 1CH

WIRES DENOTED BY DASHED LINES ARE SUPPLIED BY THE INSTALLER.



HEATER/CONTROLLER SUPPLY
208V
OR 220-240V

FAN POWER SUPPLY
100-127V
OR 208V
OR 220-240V

4500W KIT

FAN POWER SUPPLY

1. Connect AC fan power supply HOT 1 (L) wire into **WAGO [L]**.
2. Connect AC fan power supply HOT 2 (N) wire into **WAGO [N]**.
3. Connect AC fan power supply GROUND/EARTH wire into **WAGO** ⏚.

⚠ **IMPORTANT**

Fan power supply must be constant and powered at all times i.e. not before a switch. The fan must operate independently to the heater at all times.

FROM HEATER

6. Connect heater **WHITE** HOT 1 (L1) wire into **WAGO [S2]**.
7. Connect heater **GREY** HOT 2 (N1) wire into **WAGO [N2]** (provided in screw bag).
8. Connect heater **RED** HOT 1 (L2) wire into **WAGO [S4]**.
9. Connect heater **BLACK** HOT 2 (N2) wire into **WAGO [N2]** (provided in screw bag).
10. Connect heater **GREEN/YELLOW** GROUND/EARTH wire into **WAGO** ⏚.

FROM AFFINITY CONTROLLER

11. Split HOT 1 (L) wire into two wires (**NOTE:** installer to supply own connector/terminal, represented as **JUNCTION T**. This should be inside the terminal box for electrical safety). The 2 wires connect to **WAGO [S1]** and **WAGO [S3]**).
12. Split HOT 2 (N) wire into two wires (**NOTE:** installer to supply own connector/terminal, represented as **JUNCTION T**. This should be inside the terminal box for electrical safety). The 2 wires connect to each **WAGO [N2]**).
13. Connect GROUND/EARTH wire into **WAGO** ⏚. (**NOTE:** This step is optional. Installer should consider the grounding situation on the premises and if grounding from the controller to the recess kit is necessary. Any ground/earth wires can be united in the terminal box or in the AFFINITY CONTROLLER ground bus bar).

⚠ **IMPORTANT**

Installation MUST be carried out by a licensed and authorised technician in accordance with local electrical codes. Refer to local guidelines for conductor and breaker sizes.