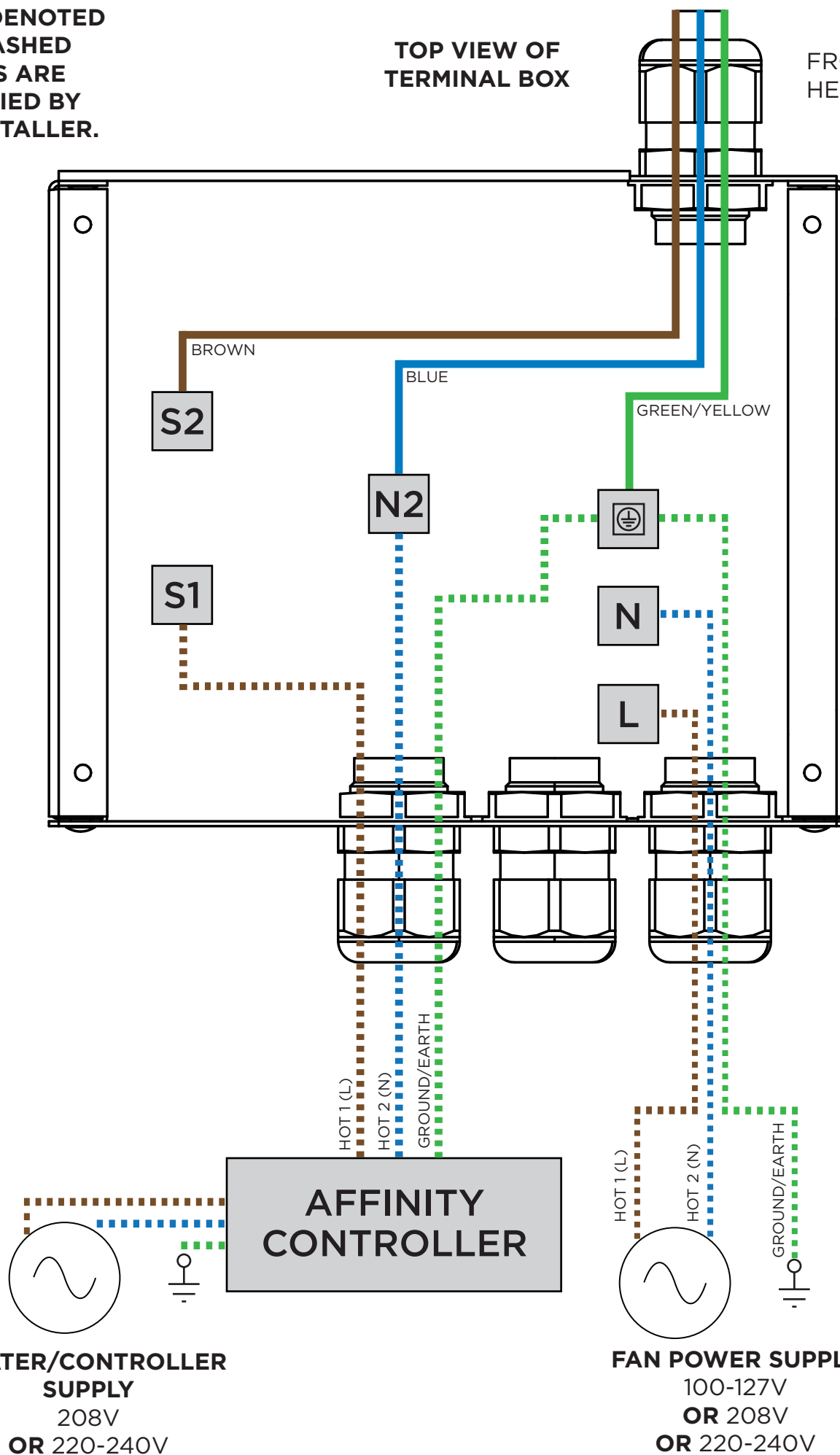


# SUPPLEMENTARY WIRING DIAGRAM 2300W/3400W CONTROL BOX (OLD REVISION) WITH AFFINITY 1CH

WIRES DENOTED  
BY DASHED  
LINES ARE  
SUPPLIED BY  
THE INSTALLER.

TOP VIEW OF  
TERMINAL BOX

FROM  
HEATER




**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

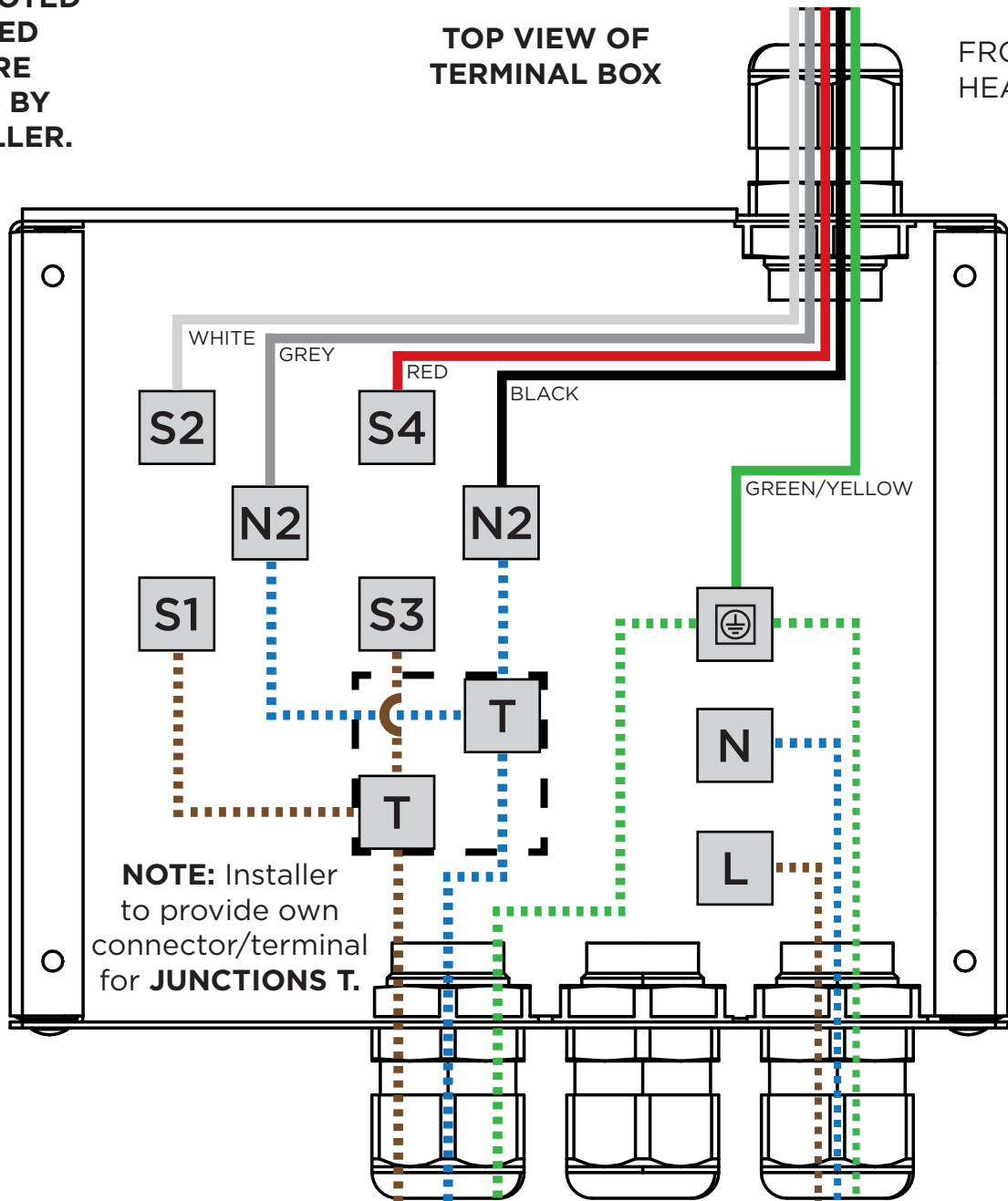
**Installation MUST be carried out by a licensed and authorised technician in accordance with local electrical codes. Refer to local guidelines for conductor and breaker sizes.**

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

WIRES DENOTED  
BY DASHED  
LINES ARE  
SUPPLIED BY  
THE INSTALLER.

TOP VIEW OF  
TERMINAL BOX

FROM  
HEATER



**NOTE:** Installer  
to provide own  
connector/terminal  
for **JUNCTIONS T.**


**AFFINITY  
CONTROLLER**

**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.**