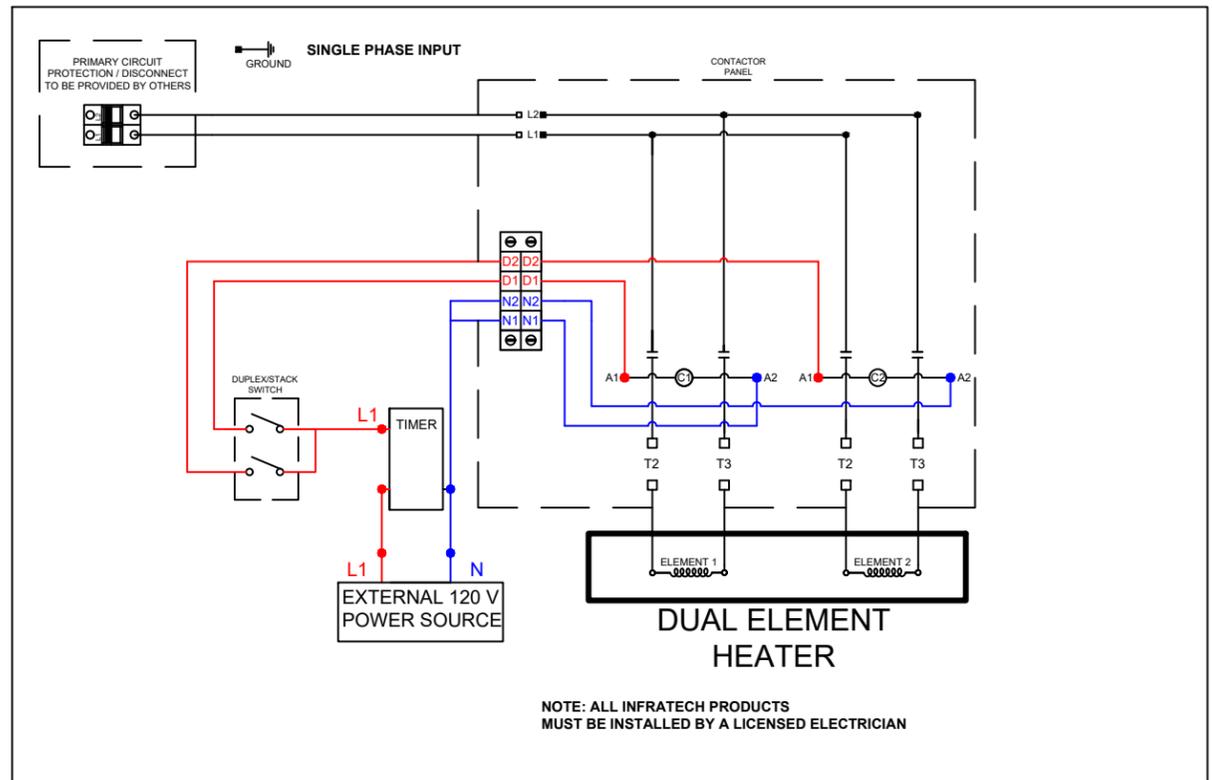


USE WIRES ENCLOSED TO INSTALL CONTACTOR PANELS WITH FLUSH MOUNTED HEATERS IN HALF/FULL POWER CONFIGURATIONS

HALF POWER FOR ONE HEATER



NOTE 2: Remove both the Red #12 and Black #12 wires in the whip. Then add the 2 Black #14 wires from the Flush Mount Whip packaging and the 2 Red #14 wires from the contactor panel into the flex conduit.

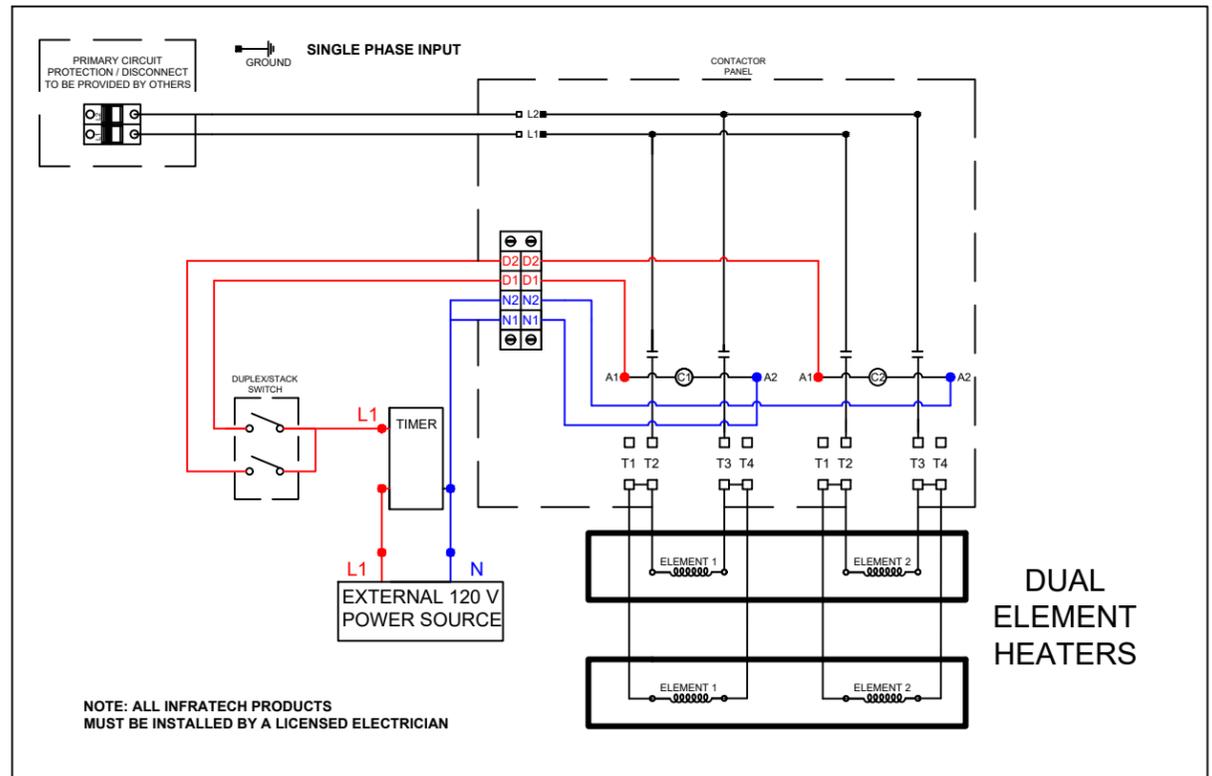
The standard configuration for the 4' Flush Mount Whip that must be used in conjunction with the Flush Mount Frame is Three High-Temp wires [1 Black #12, 1 Red #12 & 1 Green #14 (Ground) with Ring Terminal] installed in flexible metal conduit. Hi-Temp Ceramic wire nuts are also provided.

Within the Flush Mount Whip packaging (included in purchase of a Flush Mount Frame) there are 2 loose Black #14 wires and enclosed within this Contactor panel there are 2 loose Red #14 wires. All of these wires are needed in order to operate the heaters in the configurations on the left side of this page. Please review the notes next to diagrams for further instructions.

NOTE 1: When using a custom length Flush Mount Whip, it will come pre-wired with the wires needed for the configurations on the left. Please contact factory for longer length whips available for purchase. See box below.

WHIP LENGTH	5 WIRE PART #
10 FEET	18-2323
15 FEET	18-2327
20 FEET	18-2331
30 FEET	18-2335
40 FEET	18-2339
50 FEET	18-2343
75 FEET	18-2347
CUSTOM	18-2319

HALF POWER FOR TWO HEATERS



NOTE 3: There will be two Flush Mount Whips in this configuration (one for each heater). In order to have enough wires, only remove the Black #12 wires from both whips and then add the 2 Black #14 wires from each whip packaging to each flex conduit. Then add one Red #14 wire from the contactor panel to each individual whip. Each Flush Mount Whip will contain:

- * 2 Black #14 wires
- * 1 Red #14 wire
- * 1 Red #12 wire

NOTE 4: Do not determine your wire sizes based on the Flush Mount Whip wire size. The wiring used within the whips and units is High Temp 450C wire with a much higher ampacity than standard 90C wire.

NOTE: ALL INFRATECH PRODUCTS MUST BE INSTALLED BY A LICENSED ELECTRICIAN

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DESCRIPTION
FMF FACTORY SUPPLIED HIGH TEMPERATURE WHIP DETAIL FOR CONTACTOR PANELS

DATE: JUL. 12, 2021
ITEM#: N/A
DRAWN BY: CL