

June 9, 2022

**Product Department Bulletin**

**Product Improvement: New wiring for ElectriFLEX LD™ and Light Service Commercial Electric**

Dear Valued Customer,

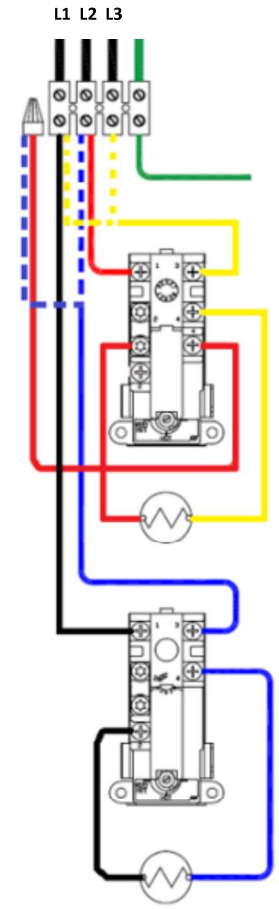
There is an important change to how both the ElectriFLEX LD™ upright/lowboys (30 gallons thru 119 gallons) and the Light Service Commercial Electrics will be wired from the factory. This new wiring configuration will impact all models produced July 2022, serial number of YG and later, and will improve how conversions will be conducted in the field.

Benefits include:

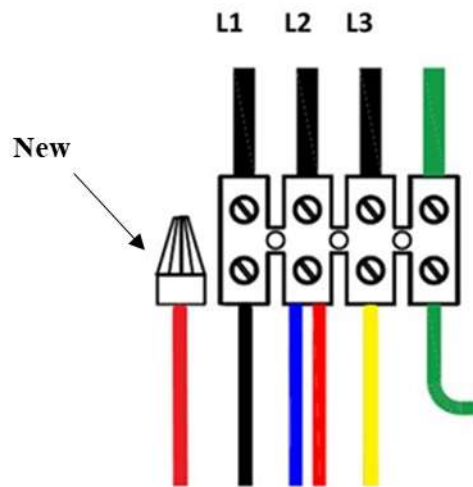
- All simultaneous and phase conversions will now be done in the junction box.
  - Heater can remain in carton while converting.
  - No need to access t-stats for conversions.
- Wire colors will be standardized for both single and 3 phase units, streamlining conversions on all products.
- Elimination of duplicate colors in terminal block will reduce confusion.

What's different?

You will now see a wire nut in the junction box and a slight change in the wire coloring. Previously wire colors were not consistent between all products.



New Wiring Diagram Example



**Built to be the Best®**

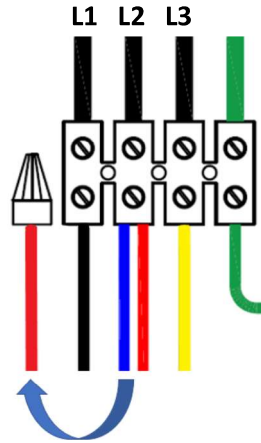
### Simultaneous and Non-simultaneous conversions:

The wire nut will be used for Simultaneous and Non-simultaneous conversions. The simple and easy step for converting is to either:

Move “**Blue** from L2” to the wire nut for Non-simultaneous.

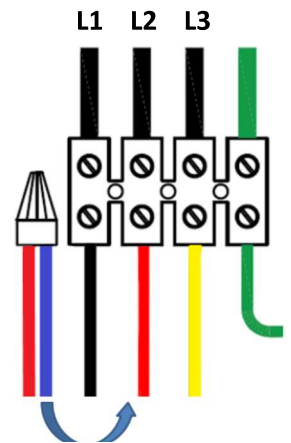
Move “**Blue** to L2” from the wire nut for Simultaneous.

Wired Simultaneous from factory



“Blue from L2” for Non-simultaneous

Wired Non-simultaneous from factory



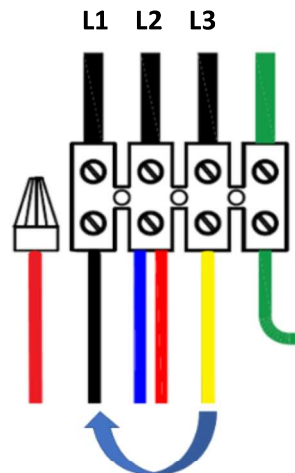
“Blue to L2” for Simultaneous

### Phase conversions:

The steps for converting phase will remain the same, but the wire color is now yellow on all ElectriFLEX LD™ and Light Service Commercial Electrics. Previously this wire was white on some models produced in June.

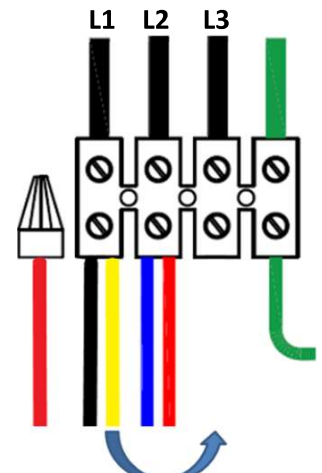
Move the yellow wire in the terminal block from L3 to L1 for single phase. For single phase to three phase move the yellow wire from L1 to L3.

Wired Three phase from factory



“Yellow to L1” for single phase

Wired Single phase from factory



“Yellow to L3” for three phase

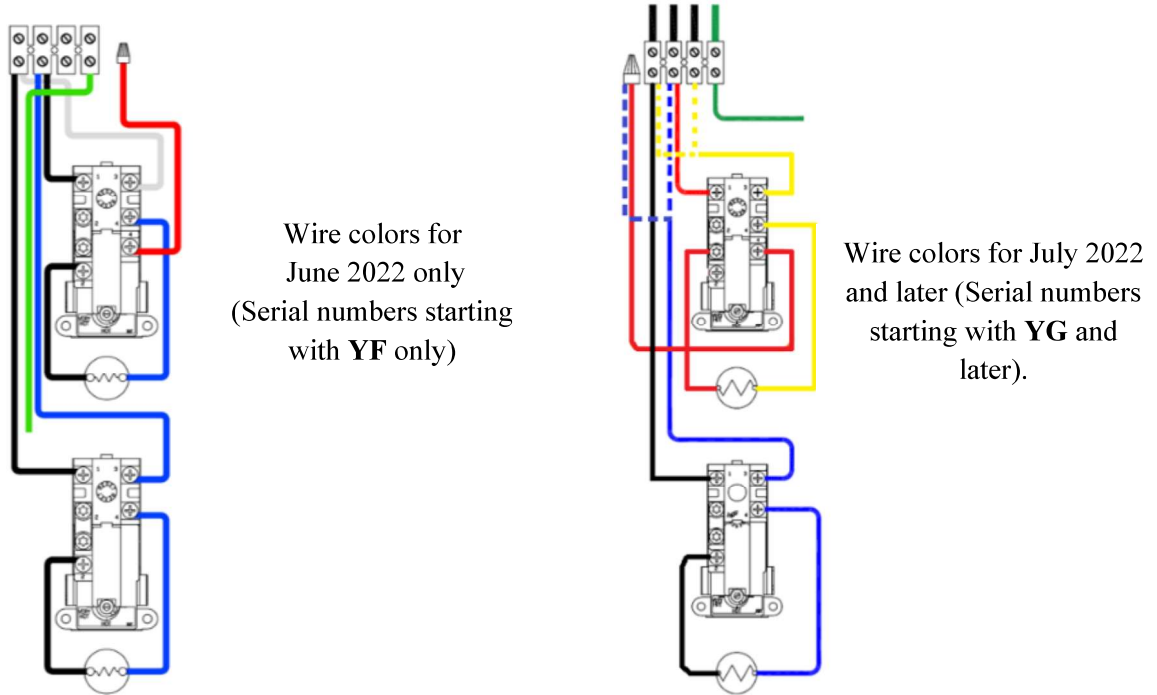
Please look out for conversion training on these new wiring changes. Included in the email with this bulletin is a power point presentation that shows the conversion process for products with this new wiring.

If you require assistance with performing conversions, please reach out to our technical service department at 800-334-3393 or [techserv@bradfordwhite.com](mailto:techserv@bradfordwhite.com).

**Built to be the Best®**

**IMPORTANT Notice for 65, 80, 119 gallon models produced in June 2022 ONLY.**

The LE265T, LE280T, LE2120T, SLE265T, SLE280T, SLE2120T models produced in June 2022, will ship with the same wiring diagram(s) as shown above, except with some wire color differences.



Bradford White is committed to producing products for our customers while managing supply issues with colored wires. We anticipate this color change is only for the month of June 2022 and will impact models with serial numbers starting with **YF** only.

The main change for conversions will be on factory supplied single phase models. You will be moving a **white** wire instead of a **yellow** wire from L1 to L3.

Accompanying this email notification is a power point presentation that demonstrates all conversions including June 2022 models.

We appreciate your patience during these changes. If you require further assistance regarding these changes, please reach out to the product department at 1-866-690-0961 or [products@bradfordwhite.com](mailto:products@bradfordwhite.com).

**Built to be the Best®**