Wiring Diagrams

This manual is updated as new information and models are released. Visit our website at www.frymaster.com for the latest manual. This equipment chapter is to be installed in the Fryer Section of the Equipment Manual.
DANGER
Improper installation, adjustment, maintenance or service, and unauthorized alterations or modifications can cause property damage, injury, or death. Read the installation, operating, and service instructions thoroughly before installing or servicing this equipment.

DANGER
This fryer has a power cord (three-phase) for each frypot and may have a single five-wire cord for the entire system. Prior to movement, testing, maintenance and any repair on your Frymaster fryer; disconnect ALL electrical power cords from the electrical power supply.
## BIOLA14-T SERIES GEN III LOV™ ELECTRIC FRYER
### Table of Contents

**SECTION 1: Wiring Diagrams**

1. **BIOLA14-T Series GEN III LOV™ Domestic, Non-CE Wiring - Current** ................................. 1-1
2. **BIOLA14-T Series GEN III LOV™ Domestic, Non-CE Wiring – Prior to 07/2022** ........ 1-2
3. **BIOLA14-T Series GEN III LOV™ CUL Wiring - Current** .................................................. 1-3
4. **BIOLA14-T Series GEN III LOV™ CUL Wiring – Prior to 07/2022** .............................. 1-4
5. **BIOLA14-T Series GEN III LOV™ CE Wiring - Current** .................................................. 1-5
6. **BIOLA14-T Series GEN III LOV™ CE Wiring – Prior to 07/2022** ................................. 1-6
7. **BIOLA14-T Series GEN III LOV™ Australia Wiring - Current** ....................................... 1-7
8. **BIOLA14-T Series GEN III LOV™ Australia Wiring – Prior to 07/2022** ......................... 1-8
9. **BIOLA14-T Series GEN III LOV™ Wiring Export 208V w/208V Controls** ...................... 1-9
10. **BIOLA14-T Series GEN III LOV™ Non-CE Solid Shortening Wiring** ......................... 1-10
11. **BIOLA14-T Series GEN III LOV™ CE Solid Shortening Wiring No Melter**
    Prior to 01/2024 ............................................................................................................ 1-11
12. **BIOLA14-T Series GEN III LOV™ CE Solid Shortening Wiring No Melter**
    Current ......................................................................................................................... 1-12
13. **BIOLA14-T Series GEN III LOV™ Japan 2-Bat Solid Short Wiring No Melter** .............. 1-13
14. **BIOLA14-T Series GEN III LOV™ Simplified Communication Wiring** ....................... 1-14
15. **Contactor Box-Delta Configuration** ................................................................................ 1-15
16. **Contactor Box-WYE Configuration** .............................................................................. 1-16
17. **Solid Shortening Melting Unit Wiring** .......................................................................... 1-17
18. **Solid Shortening Melting Unit Wiring No Melter (2 Battery)** ..................................... 1-18
19. **Solid Shortening Melting Unit Wiring No Melter (3-Battery)** ...................................... 1-19
BIELA14-T SERIES GEN III LOV™ ELECTRIC FRYER
SECTION 1: WIRING DIAGRAMS

1.1 BIELA14-T Series GEN III LOV™ Wiring Domestic US – Current
1.1.1 BIела14-T Series GEN III LOV™ Wiring CUL – Current
1.1.3 BIELA14-T Series GEN III LOV™ Wiring Australia - Current
1.1.4 BIOLA14-T Series GEN III LOV™ Wiring Export 208V w/208V Controls
1.1.5 BIELA14-T Series GEN III LOV™ Wiring Non-CE Solid Shortening
1.1.5.B BIELA14-T Series GEN III LOV™ Wiring CE Solid Shortening No Melter – Prior to 01/2024
1.1.7 BIELA14-T Series GEN III LOV™ Wiring Japan 2 Battery Solid Shortening No Melter
1.2 BIELA14-T Series GEN III LOV™ Simplified Communication Wiring

[Diagram of BIELA14-T Series GEN III LOV™ Simplified Communication Wiring]
1.3 Contactor Box – Delta Configuration

FULL VAT

DUAL VAT
1.4 Contactor Box – WYE Configuration

FULL VAT

DUAL VAT
1.5 Solid Shortening Melting Unit Wiring
1.6 Solid Shortening Wiring No Melter International (2-Battery)
1.6 Solid Shortening Wiring No Melter International (3-Battery)
Welbilt offers fully-integrated kitchen systems. Welbilt’s portfolio of award-winning brands includes Cleveland®, Convotherm®, Crystal Tips®, Dean®, Delfield®, Fabristeel®, Frymaster®, Garland®, Induš®, Koldtech®, Kolpak®, Lincoln®, McCann’s®, Merco®, Merrychef®, Multiplex®, RDI®, SerVend®, SunFire®, U.S. Range®, and WMaxx®. Supported by service brands: FitKitchen®, kitchen systems; and KitchenConnect®, cloud-based open platform.

Bringing innovation to the table · welbilt.com

©2024 Frymaster LLC. except where explicitly stated otherwise. All rights reserved. Continuing product improvement may necessitate change of specifications without notice.

Part Number FRY_D_8197343  03/2024