

Jefferson Electric offers a full line of transformers designed specifically for the tanning bed industry. Single-phase and three-phase units are available with cables and plugs pre-wired to reduce on-site installation time.



We are the Tanning Experts

Jefferson Electric SolarTran™ tanning bed transformers are specifically designed to serve the voltage transformation needs of tanning salons of all sizes.

Most tanning beds require voltages between 220V and 235V for proper operation, while North American line voltages are usually 208 or 240V.

SolarTran™ products provide a simple and economical solution for the installation of both single-phase and three-phase beds.

Tanning Bed Transformers

Group I

Buck-Boost Transformers are field configurable to support a variety of single phase voltage conversions. Encapsulated for quiet operation.

Group II

Single-phase Buck-Boost units pre-wired with plugs or cords to reduce on-site installation time.

Group III

Single-phase auto-transformers pre-wired to any of five voltage combinations for easy installation.

Group IV

Three-phase auto-transformers pre-wired to any of four voltage combinations.

- Easier to install than three separate buck-boost transformers
- Input and output wires clearly marked for proper connections

Group V and VI

Larger sized single and three phase auto-transformers designed to power the electrical panel for an entire salon and eliminate the need for individual transformers.



Group I— Buck-Boost Transformers

Buck-Boost Transformers are field configurable to support a variety of single phase voltage conversions.

- 120 x 240 volt primary
- 12/24 or 16/32 volt secondary
- Ratings from 500VA to 2000VA
- Encapsulated for quiet operation.
- Individually boxed
- UL and cUL Listed
- NEMA 3R enclosure
- 60 Hz

Group II— Single-Phase Auto-Transformers

Single-phase Buck-Boost units pre-wired with cords to reduce on-site installation time. 20 & 30 AMP Units include plugs and receptacles.

- +/- 12, +/-16, +/-24 or +/-32 volts
- 15 to 60 amps
- Encapsulated for quiet operation.
- Individually boxed
- UL and cUL Listed or UR Recognized
- NEMA 3R enclosure
- 60 Hz

Group III— Single-Phase Auto-Transformers

Single-phase auto-transformers pre-wired to any of five voltage combinations for easy installation.

- 208V or 240V Primary
- 225V, 230V, 235V, 240V Secondary
- 20 to 100 Amps
- Encapsulated for quiet operation.
- Individually boxed
- UL and cUL Listed
- NEMA 3R enclosure
- 60 Hz

Group IV— Three-Phase Auto-Transformers

Three-phase auto-transformers pre-wired to any of four voltage combinations.

- 208V or 240V Primary
- 225V, 230V, 235V, 240V Secondary
- 30 to 100 Amps
- Encapsulated for quiet operation.
- Individually boxed
- UL and cUL Listed
- NEMA 3R enclosure
- 60 Hz

Group V and VI— Panel Booster

Larger sized single-phase and three-phase transformers designed to power the electrical panel for an entire salon.

- 208V or 240V Primary
- 225V, 230V, 235V, 240V Secondary
- 200 to 800 Amps (three-phase)
- 200 to 400 Amps (single-phase)
- Ventilated NEMA 1 enclosure
- UL and cUL Listed
- 60 Hz



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