

Ventex Generation III products offer new and advanced technology, enhancing the performance and reliability of your favorite neon power supplies and transformers. With exclusive Ventex "Triple-Shot," Surge and Brownout protection, Generation III technology does everything possible to keep your signs on and protect your investment.

### Features Built Into All Generation III Ventex Products

- UL 2161 Listed, CUL Approved
- Self-adjusting output voltage
- Line & load regulated for consistent mA output
- "Triple-Shot" Technology
- "Brownout" protection
- LALR, SST and PDS circuitry
- High Power Factor / High Efficiency Designs
- Maximum overload shutdown protection
- Open circuit and ground fault protection
- Patented active anti-migration circuitry
- No neon bubbling
- Built-in GTO grommets to accept GTO sleeving
- Grounded mounting foot
- Conforms to standard footage charts
- Requires no special tube processing
- Units are flashable (with external controller)

### OUTDOOR NEON TRANSFORMERS



**Designed Especially for Channel Letters** — Ventex's UL 2161 CL family of neon power supplies are engineered to make channel letter construction and installation easier, faster, and economical. With exclusive Ventex Generation III electronics you eliminate most installation problems – your signs will stay running through transient voltage spikes or brownouts! Plus, Ventex's High Power Factor circuitry will save users up to 66% on energy costs over traditional electromagnetic transformers.

**Save Manufacturing Materials and Labor** — The low profile design and light weight of Ventex CL Neon Power Supplies combine to reduce channel letter material costs and make construction faster. At only 1.5 inches high, Ventex CL Neon Power Supplies are low enough to fit under the neon tube using standard 1.75" supports, allowing 5" can depths.

**Cut Installation Costs by Up to 30%** — Letters built with Ventex CL Neon Power Supplies reduce material and labor cost over remote installations or standard electromagnetic transformers. With Ventex's low profile and simple GTO wiring method, letters can be assembled completely in-house, tested, shipped and the installer never has to touch the glass.

**Reduce Inventory** — Stock fewer transformers. All Ventex neon power supplies are self adjusting for voltage. Just two to three Ventex CL units can replace up to sixteen electromagnetic neon transformers.

#### Features Unique to Ventex CL Neon Power Supplies

- Output available in 30mA and 60mA
- Available in 120VAC, 220/240VAC and 277VAC
- 1/2" Conduit fitting for primary wiring
- No primary polarity restrictions
- Circuitry included for surge protection
- Operating temperature range -30° to 122°F (-34° to 50°C)
- White enclosures eliminate shadows
- Low profile 1.5" or less fits under the tube

Part No.	Description
BRTVT4030CL120	4KV, 30mA, 120V Outdoor Channel Letter Transformer
BRTVT4030CL277	4KV, 30mA, 277V Outdoor Channel Letter Transformer
BRVT4060CL120	4KV, 60mA, 120V Outdoor Channel Letter Transformer
BRTVT6030CL120	6KV, 30mA, 120V Outdoor Channel Letter Transformer
BRTVT6060CL120	6KV, 60mA, 120V Outdoor Channel Letter Transformer
BRTVT9030CL120	9KV, 30mA, 120V Outdoor Channel Letter Transformer
BRTVT9030CL277	9KV, 30mA, 277V Outdoor Channel Letter Transformer
BRTVT12030CL120	12KV, 30mA, 120V Outdoor Channel Letter Transformer
BRTVT9060CL120	1-9KV, 60mA, 120V Outdoor Channel Letter Transformer
BRTVT9060CL277	1-9KV, 60mA, 277V Outdoor Channel Letter Transformer

# Generation III

# Ventex Technology, Inc.

## INDOOR NEON TRANSFORMERS

**Advanced Performance** — Ventex Indoor Neon Power Supplies are your first and only choice for indoor neon signage and decoration. With exclusive Generation III power supplies ranging from 4kV to 12kV, Ventex offers the most technologically advanced neon power supplies available.

**Reliability** — Ventex Indoor Neon Power Supplies have been UL 2161 Listed and field proven since 1997.

**User Friendly** — Ventex makes it easier for you to create your best neon signage. Smaller, lightweight designs allow for simple and quick installation. And Ventex's full 30mA makes your neon signs crisper and brighter with uniform intensity. With several dimming models, you can even tailor the intensity to any environmental situation.

**Features** — Ventex transformers include 32" GTO leads, 10-foot power cord, on/off switches on all units, GTO clamping system and other standard features that a sign professional needs.

**Product Scope** — Ventex Indoor units are available in models from 4K to 12K in 120 or 220/240 volts including two- and three-level dimmable models.

### Features Unique to Ventex Indoor Neon Power Supplies

- Field proven performance since 1997
- True 30mA output
- 10 foot power cord
- 9kV and 12kV dimmable models available
- On/Off pull chain or switch
- Available in 120VAC, 220VAC/240VAC
- 32" GTO leads or GTO clamping



Part No.	Description
BRTVT4030120	4KV, 30mA, 120V AC Indoor Transformer
BRTVT5520120	5.5KV, 20mA, 120V Indoor Power Supply
BRTVT6030120	6KV, 30mA, 120V AC Indoor Transformer
BRTVT9030120	9KV, 30mA 120V AC Indoor Transformer
BRTVT9030D120	9KV, 30mA, 120V Indoor Dimming Transformer
BRTVT12030120	12KV, 30mA, 120V Output Constant Burn Transformer
BRTVT12030D120	12KV, 30mA, 120V Indoor Dimming Transformer

## ADDITIONAL VENTEX PRODUCTS

Part No.	Description
BRTNPS12D10S	3KV, 20mA, 12VDC Scripting Transformer
BRTVT151012	1.5KV, 20mA, 12VDC Constant Burn Transformer
BRTWA1500US	120V/12VDC 1500mA Wall Adapter

**Contact Midwest today for more information on Ventex Neon Power Supplies!**

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