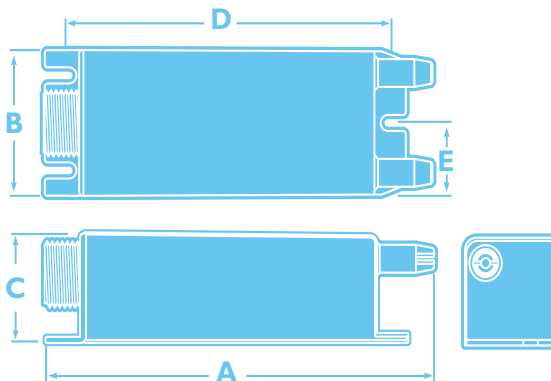


FEATURES AND BENEFITS:

- Pull-Chain on/off Switch
- Ten Foot Power Cord (3 Pin)
- Unit will not trip on capacitive currents up to 15mA.
- Line Load Regulated (30mA self adjusting Output regardless of load size or Input voltage fluctuations.)
- High Power Factor (Energy Saving/Cost Effective)
- Sign Grounding Connection Via Mounting Foot
- UL2161 listed
- Complies with CSA22.2, No. 107.1, No. 13
- Open Circuit & Overload Will Shut Unit Down. NOTE: Under a fault condition, unit will attempt to reset 2 more times, then latch off permanently unless the fault clears. Intermittant faults will not effect the operation of the unit.

SPECIFICATIONS:

Input Voltage	120 VAC (±10%) 50/60Hz
Input Current	0.9 A (Max)
Power Factor	High (.95)
Output Frequency	Variable
Output Voltage	100V - 9000V
Output Current	30mA
Operating Temperature	32° to 104°F (0° to 40°C)
Driving Distance (Based on Standard 12mm tube. Deduct one foot from driving footages for each additional pair of electrodes)	
Neon	4-26 ft, (1.2-7.9 m)
Mercury	4-31 ft, (1.2-9.4 m)



DIMENSIONS:

Length (A)	6.50 in (16.5 cm)
Width (B)	3.15 in. (5.2 cm)
Height (C)	1.5 in. (3.68 cm)
Mounting (D)	6.0 in. (15.24 cm)
Mounting (E)	2.25 in. (5.7 cm)
Weight	29.0 oz. (822 gr)
Primary Leads	10 ft. (3.0 m)
GTO Leads	32 in. (81.28 cm)

Thank you for purchasing a Ventex electronic neon transformer. Please read the following tips and directions carefully to insure proper installation and operation of our products. It is the responsibility of the user to ensure installation complies with local electrical codes.

READ CAREFULLY BEFORE INSTALLATION

1. Contact with the transformer's high voltage output leads can cause shock, burn or death.
2. Do not use two wire extension cords or cut the ground pin to fit a two wire power outlet. The third prong of the power cord must be connected to ground. Removal of third pin ground plug voids UL Listing and manufacturer's warranty.
3. Be sure the high voltage output leads are connected firmly to the gas tube(s) and electrodes are properly insulated before engaging power. Intermittent connection of high voltage wires can cause hazardous arcing.
4. H.V. leads & gas tubes should be at least 1 inch away from all surfaces.
5. Output leads should not be grounded.
6. Output leads cannot be run in metal conduit.
7. Allow adequate ventilation when mounting transformer in enclosed area.
8. When operating two or more power supplies in the same installation, be sure units are at least 12 inches apart.
9. Transformer is provided with GTO grommets where GTO leads exit the unit. It is recommended GTO sleeving be used.

INSTALLATION AND OPERATION

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After completing the above check list and rectifying any detected problems, engage the input power to the transformer to (re)energize the gas tube (sign). If the transformer still does not work properly, call customer service at the listed phone number.

4. Be sure the high voltage output leads are connected firmly to the gas tube(s) and electrodes are properly insulated before engaging power. Intermittent connection of high voltage wires can cause hazardous arcing.
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TROUBLE - SHOOTING TIPS

There is a protection circuit in the transformers that will cut off (trip) the power whenever an open circuit or overload condition occurs. If your gas tube (sign) is off, and the input power is flowing, your transformer has probably tripped due to one of the above fault conditions. If so, follow procedure outlined below.

Remove power to the transformer. This action will reset the protection circuit. Wait at least 10 seconds before reapplying power. If tripping continues, remove power and check the following:

1. Are the output leads connected securely and properly to the gas tube(s)?
2. Is the gas tube broken or cracked, resulting in an open circuit?
3. Are the gas tubes or H-V output leads in close proximity to metal, or any ground plane? (This may cause tubes to dim.)
4. Are multiple units mounted at least one foot apart from each other?