



Tempest 24v Torch Transformer

SKU# 94800829



Hazardous Voltage can shock, burn, or cause death. Disconnect all input power before installing or maintaining this equipment.

Compatibility

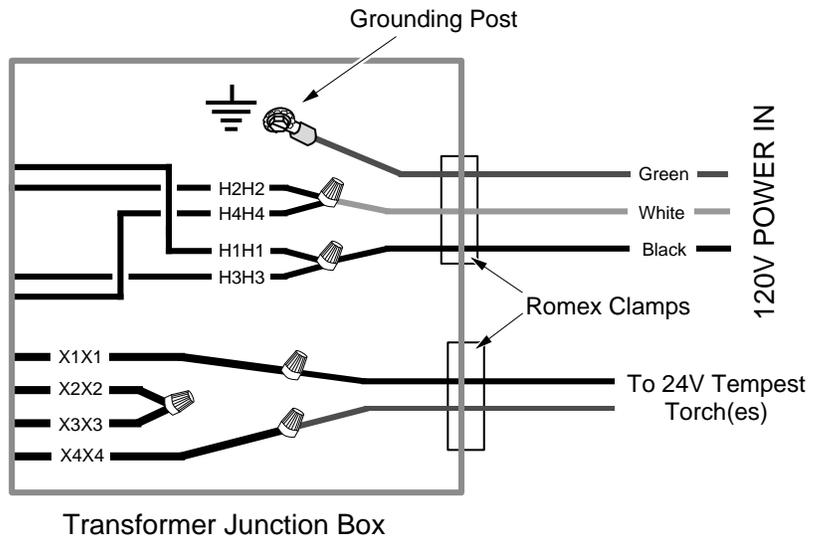
This transformer is designed for the Tempest 24v Torch (NG or LP). It is not designed for 2017 (or earlier) Tempest 120v torches.

This transformer is rated at 0.500 kVA. The transformer will power up to 4 torch heads. The maximum number varies depending upon the total length of cable attached between the transformer and torches. See the torch manual for additional details.

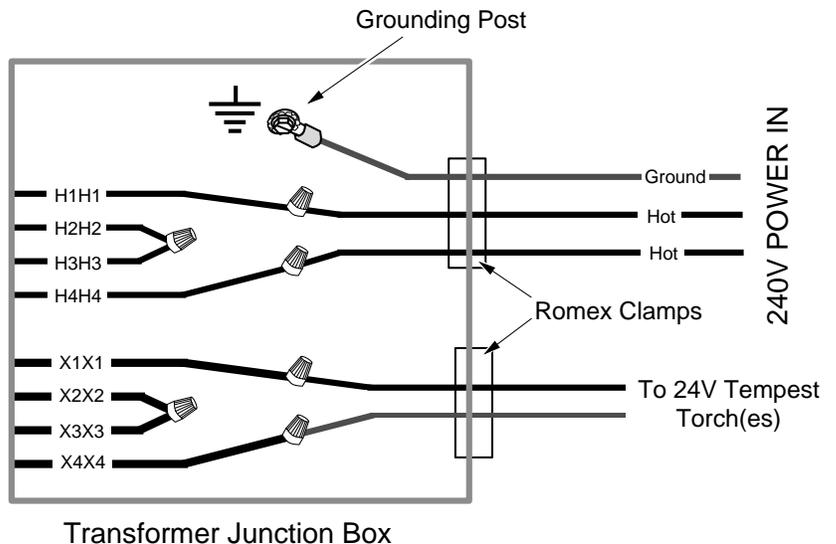
Packing List

- Transformer
- (2) Strain Reliefs

Wiring Diagram 120V



Wiring Diagram 240V

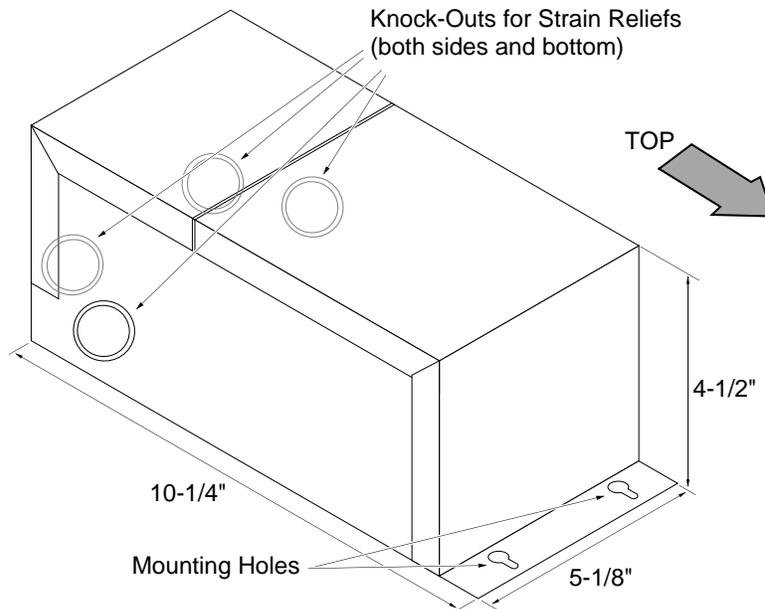




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Dimensions



Mounting Requirements

- Transformer weighs approximately 12.5 lbs. Make sure mounting location provides sufficient support.
- Transformer is rated for damp locations.
- Do not place transformer where it will become submerged.
- We suggest placing the transformer out of direct contact with the elements (rain, snow, sun, etc.) to extend longevity.
- Consult your local building department for requirements in your area pertaining to mounting and installation of this transformer.



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Wiring the Transformer

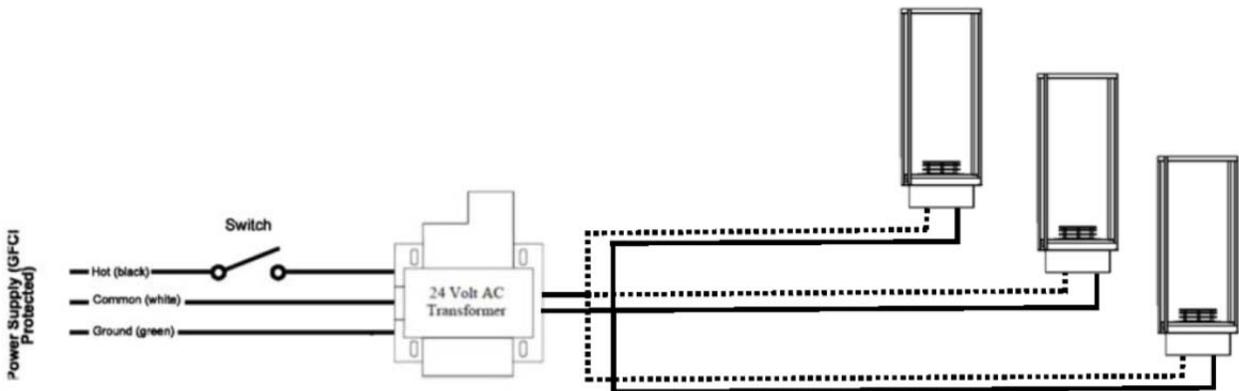
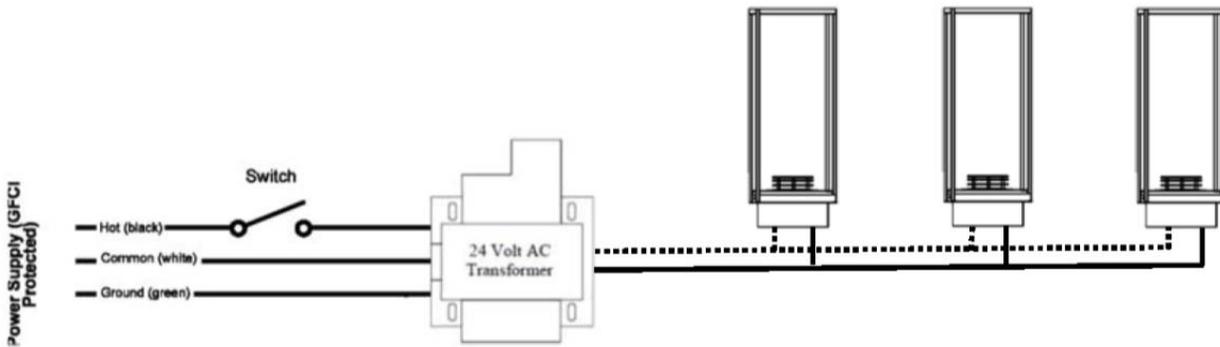


NOTE: Disconnect power at the service breaker prior to installing the transformer. After installation, restore power to the transformer and test both the incoming and outgoing circuits.



Installation should only be done by a qualified electrician or installer (consult local codes).

- Use suitable connectors when wiring the transformer (silicone-filled wire nuts).
- The torches can be “Daisy Chained” together (see “Example A” below) or each torch can be a “home run” back to the transformer (see “Example B” below).



Polarity must be maintained in all multiple torch installations. Failure to maintain polarity will result in damage to the control module.



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Polarity

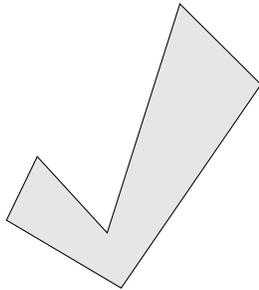


WARNING: Make sure to keep polarity between torches the same.

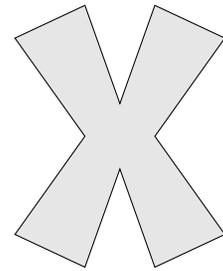
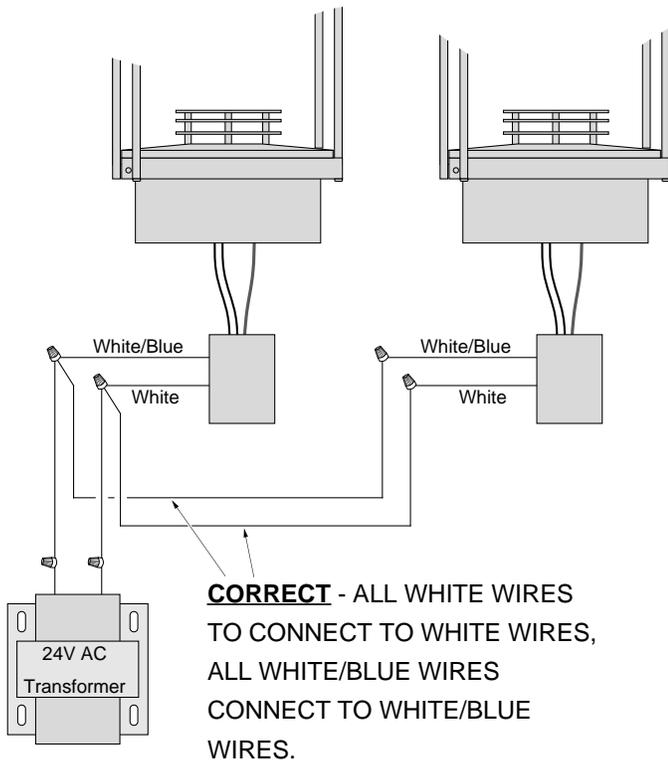
Do not allow a white wire to connect to a white/blue wire (keep polarity the same).

IF YOU REVERSE POLARITY, PERMANENT DAMAGE WILL OCCUR.

- When wiring multiple torches together using a single 24VAC transformer, **it is important that the polarity between the torches are connected in parallel** (all white wires connected together and all white/blue stripe wires connected together). **Polarity between the torches and the transformer does not matter.**



Correct



Incorrect

