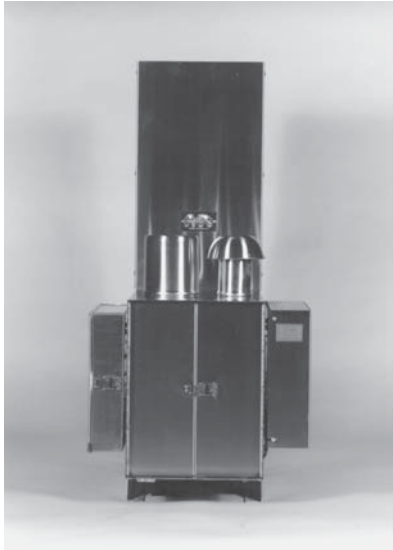


# Model 5060 Thermoelectric Generators



Global Thermoelectric's Model 5060 Thermoelectric Generator contains no moving parts. It is a reliable, low maintenance source of DC electrical power for any application where regular utilities are unavailable or unreliable.

## Power Specifications

Power Rating at 20°C

60 Watts at 6.7 Volts

54 Watts at 12 Volts

54 Watts at 24 Volts

54 Watts at 48 Volts

## Electrical

|             |      |                |
|-------------|------|----------------|
| Adjustment: | 6.7V | up to 11 Volts |
|             | 12 V | 12 - 18 Volts  |
|             | 24 V | 24 - 30 Volts  |
|             | 48 V | 48 - 60 Volts  |

Reverse current protection included.

Output: Terminal block which accepts up to 8 AWG wire. Opening for 3/4" conduit in the base of the cabinet.

## Fuel

Natural Gas: 4.4 m<sup>3</sup>/day (155 Sft<sup>3</sup>/day)  
1000 BTU/Sft<sup>3</sup> (37.7 MJ/SM<sup>3</sup>) gas  
max 115 mg/Sm<sup>3</sup> (~170 ppm) H<sub>2</sub>S  
max 120 mg/Sm<sup>3</sup> H<sub>2</sub>O  
max 1% free O<sub>2</sub>

Propane: 5.7 l/day (1.5 US gal/day)

Max. Supply Pressure: 172 kPa (25 psi)

Min. Supply Pressure: 69 kPa (10 psi)

Fuel Connection: 1/4" MNPT

## Environmental

Ambient Operation Temperature: Max. 45°C (115°F) Min. -40°C (-40°F).

Operating Conditions: Unsheltered operation

Please contact Global for operating conditions below -40°C or above +45°C.

## Materials of Construction

Cabinet: 304 SS

Cooling Type: Natural Convection

Fuel System: Brass, Aluminum & SS

### Standard Features

- Automatic Spark Ignition (SI)
- Automatic Fuel Shut-off (SO)
- Fuel Filter
- Low Voltage Alarm Contacts (VSR)
- Volt & Amp Meter

### Optional Features

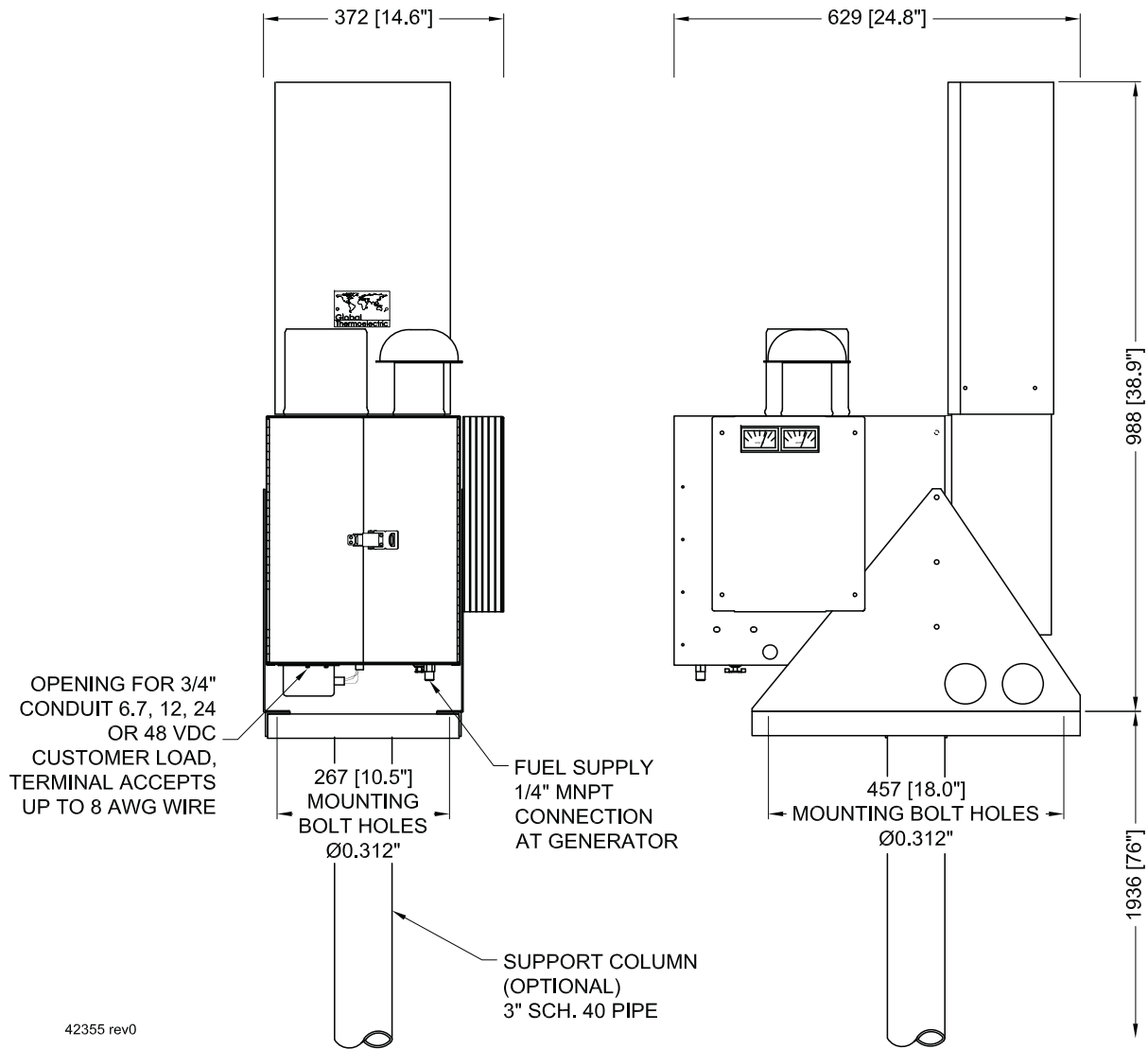
- Cathodic Protection Interface
- Pole Mount or bench stand
- Corrosive Environmental Fuel System
- Flame Arrestor

Note: Specifications shown are for standard configurations. Global Thermoelectric's Integrated Systems Engineering Department is available to design custom voltages, fuel supply systems and non-standard operating temperatures.



# Typical Installation

Rev 01-12



42355 rev0

**NOTES:**

1. GENERATOR WEIGHT: 41 kg [90 lb]
2. DIMENSIONS IN mm [INCHES].



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