

Model 5060

THERMOELECTRIC GENERATOR

Global'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 Ratings @ 20°C	60 Watts @ 6.7 Volts
	54 Watts @ 12 Volts
	54 Watts @ 24 Volts
	54 Watts @ 48 Volts

ELECTRICAL

Adjustment	6.7 V up to 11 Volts 12 V 12 - 18 Volts 24 V 24 - 30 Volts 48 V 48 - 60 Volts
Reverse Current Protection	Yes
Output	Terminal block which accepts up to 8 AWG wire Opening for 3/4" conduit in the base of the cabinet

FUEL

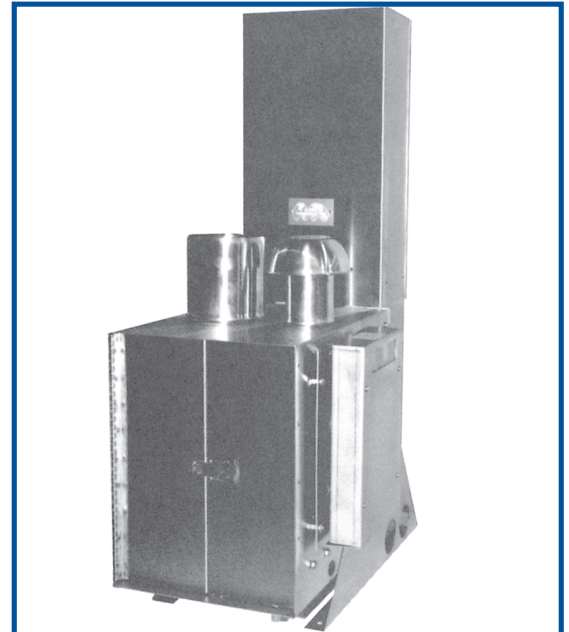
Natural Gas	4.4 m ³ /day (155 ft ³ /day) of Std. 1000 BTU/SCF (37.7 MJ/Sm ³) gas
Propane	5.7 l/day (1.5 US gal/day)
Maximum Supply Pressure	1724 kPa (250 psig)
Minimum Supply Pressure	103 kPa (15 psig)
Fuel Connection	1/4" MNPT connection

ENVIRONMENTAL

Ambient Operating Temp.	Max. 55°C (130°F) Min. -55°C (-67°F)
Operating Conditions	Unsheltered Operation

MATERIALS OF CONSTRUCTION

Cabinet	304 SS
Cooling Type	Natural Convection
Thermopile	Hermetically Sealed Lead Tin-Telluride (PbSnTe)
Burner	Meeker Type / Inconel 600
Fuel System	Brass, Aluminum & SS



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STANDARD FEATURES

- ✓ Automatic Spark Ignition (SI)
- ✓ Fuel Filter
- ✓ Low Voltage Alarm Contacts (VSR)
- ✓ Volt & Amp Meters

OPTIONAL FEATURES

- Automatic Fuel Shut-Off (SO)
- Corrosive Environment Fuel System
- Flame Arrestor
- Cathodic Protection Interface Panel
- Pole Mount or Bench Stand

NOTE: Specifications shown are for standard configurations. Global Thermoelectric's Applications Engineering Department is available to design installations meeting different specifications, including custom voltages, fuel supply systems and non-standard operating temperatures.

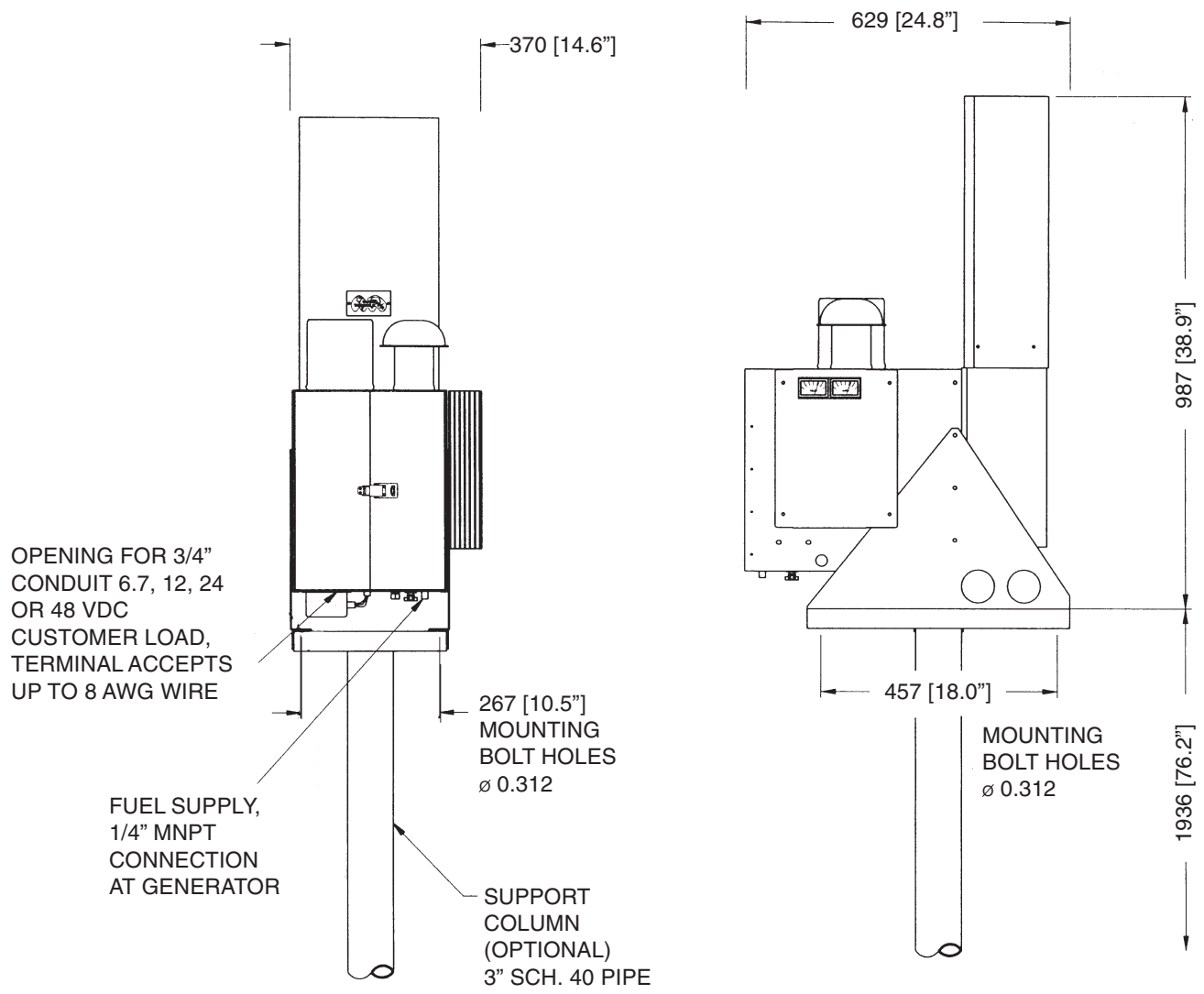
GENERATOR DIVISION
 Bay 9, 3700 78th Avenue S.E.
 Calgary, Alberta T2C 2L8
 Tel: (403) 236-5556 Fax: (403) 236-5575
 www.globalte.com
 Email: tegsales@globalte.com



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U.S. HEADQUARTERS
 #614, 16760 Hedgecroft
 Houston, TX 77060
 Tel: (281) 445-1515
 Fax: (281) 445-6060
 Toll Free: (800) 848-4113

Model 5060 TYPICAL INSTALLATION



NOTES:

1. GENERATOR WEIGHT: 45 KG [100 LB].
2. DIMENSIONS IN mm [INCHES].

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