Sentinel

The Sentinel Thermoelectric Generator is certified for use in Class I, Div 2 hazardous locations and provides low-maintenance, trouble-free power for critical devices by providing at least 8W DC of continuous power.

KEY FEATURES:

- 🗡 Hazardous Location Certified
- 🗡 Automatic Fuel Safety Shut-Off
- ✓ Fuel Filter (H₂S)
- 🗡 Pole or Wall Mountable
- 🗡 Silent Operation
- 🗡 Low Voltage Alarm

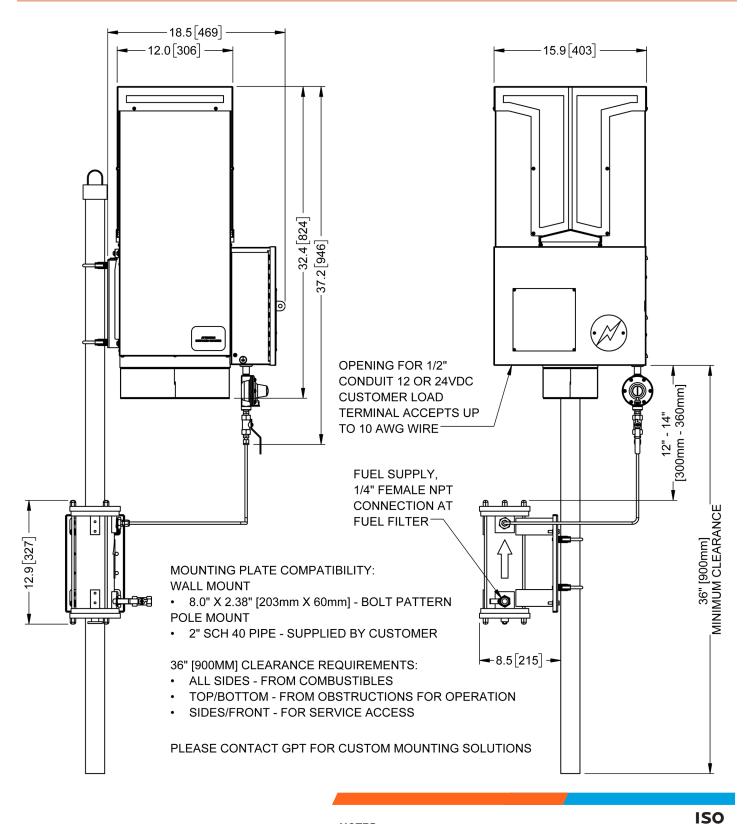
🗡 Easy Installation

- 🗡 Simple Startup
- 🗡 Long Service Life
- 🗡 Low Voltage Alarm Contact
- 🗡 Tamper Proof Design
- 🗡 Simple On-Site Maintenance

SPECIFICATIONS

HAZARDOUS LOCATION RATING	CERTIFICATION Class I, Division 2, Group D, T3 -40°F to +120°F (-40°C to +49°C)			
POWER SPECIFICATIONS	POWER RATING AT 68°F (20°C) AT SEA LEVEL 8 Watts, for annual maintenance			
12 Volt Model 12–15 VDC			Terminal block accepts up to 12 AWG wire. Opening for 1/2"	
24 Volt Model	24-29 VDC		conduit in base of cabinet.	
FUEL REQUIREMENTS	NATURAL GAS			
	168 scf/day (4.8m³/day)			Max. Supply Pressure: 25 psi (172.4 kPa)
	1000 BTU/scf (37 MJ/Sm³) gas			Min. Supply Pressure: 5 psi (34 kPa)
	max ~4 ppm (2.7 mg/m³) H ₂ S			Fuel Connection: 1/4" Female NPT
	max 16 ppm (11 mg/m³) H₂O Nơ		Note:	Fuel requirements are specified at the inlet of the fuel filter.
	max 1% free O ₂			
ENVIRONMENTAL	AMBIENT OPERATING TEMPERATURE		RE	OPERATING CONDITIONS
	Max. 120°F (+49°C)			Unsheltered operation
	Min40°F (-40°C)			
				Please contact GPT for operating conditions below -40°F or above 120°F or above 3,600ft elevation.
CONSTRUCTION	MATERIALS			
	Cabinet:	304 Stainless Steel (SS)		
	Cooling Type:	Cooling Type: Natural Convection		
	Fuel System: Brass, Aluminum & Stainless Steel		inless Steel	
NOTE	Specifications shown are for standard sentinel configurations. Global Power Technologies (GPT) also offers customized products and systems to accommodate custom voltages, fuel supply systems and operating temperatures.			
	Specification data stated in this document is subject to change without notice. To verify these specifications are current, please contact your GPT sales representative.			





NOTES: Generator Weight: 93 lb [42.2 kg]



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