MODEL 5220

The Model 5220 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.

KEY FEATURES:

- ✓ Automatic Spark Ignition (SI)
- ✓ Automatic Fuel Shut-Off (SO)
- Fuel Filter
- ✓ Low Voltage Alarm Contacts (VSR)
- ✓ Volt & Amp Meter
- ✓ Reverse Current Protection

OPTIONAL FEATURES:

- ✓ Cathodic Protection Interface
- ✓ Remote Start
- ✓ Heat Recovery System (HRS)
- ✓ Pole or Bench Stand
- ✓ Corrosive Environmental Fuel System
- ✓ Marine Service
- ✓ Certification to CSA Std. T.I.L. R-10



SPECIFICATIONS

POWER SPECIFICATIONS POWER RATING AT 20°C (68°F)

> 195 Watts @ 12 Volts 178 Watts @ 24 Volts

ELECTRICAL OUTPUT ADJUSTMENT RANGE

> 12-18 Volts 12 Volts 24 Volts 24-30 Volts

Output: Terminal block which accepts up to 8 AWG wire. Opening

for 3/4" conduit in base of cabinet.

NATURAL GAS FUEL REQUIREMENTS PROPANE

> 19.7m³/day (700 Sft³/day) 1000 BTU/Sft3 (37.7 MJ/Sm3) gas max 115 mg/Sm3 (~170 ppmw) H2S

max 120 mg/Sm³ H₂O max 1% free O₂

28.0 L/day (7.4 US gal/day)

NATURAL GAS/PROPANE

Max. Supply Pressure: 345 kPa (50 psi) Min. Supply Pressure: 165 kPa (24 psi) Fuel Connection: 1/4" Female NPT

ENVIRONMENTAL AMBIENT OPERATING TEMPERATURE **OPERATING CONDITIONS**

> Max. +45°C (115°F) Min. -40°C (-40°F)

Unsheltered operation

Please contact GPT for operating conditions below

-40°C or above +45°C.

CONSTRUCTION **MATERIALS**

> Cabinet: 304 Stainless Steel (SS) Cooling Type: Natural Convection

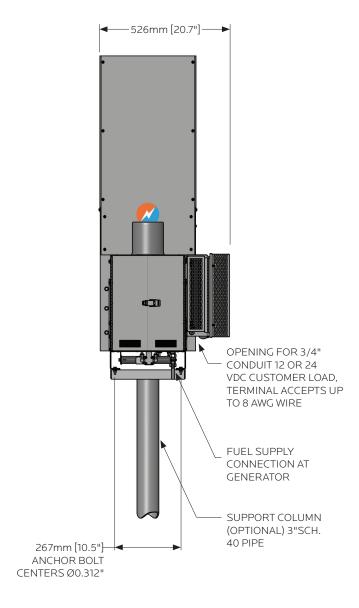
Fuel System: Brass, Aluminum & Stainless Steel

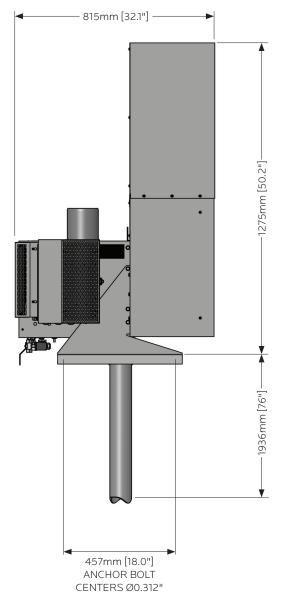
NOTES Specifications shown are for standard 5220 configurations. Global Power Technologies (GPT) also offers customized products and systems to accommodate custom voltages, fuel supply systems and operating temperatures.

> Specification data stated in this document is subject to change without notice. To verify these specifications are current, please contact your GPT sales representative.



TYPICAL DIMENSIONS **MODEL 5220**





ISO NOTES: 9001:2015 REGISTERED Generator Weight: 100 kg [221 lb]

