

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 Volts 12–18 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.

FUEL REQUIREMENTS

NATURAL GAS

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

PROPANE

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

Max. +45°C (115°F)
Min. -40°C (-40°F)

OPERATING CONDITIONS

Unsheltered operation

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

CONSTRUCTION

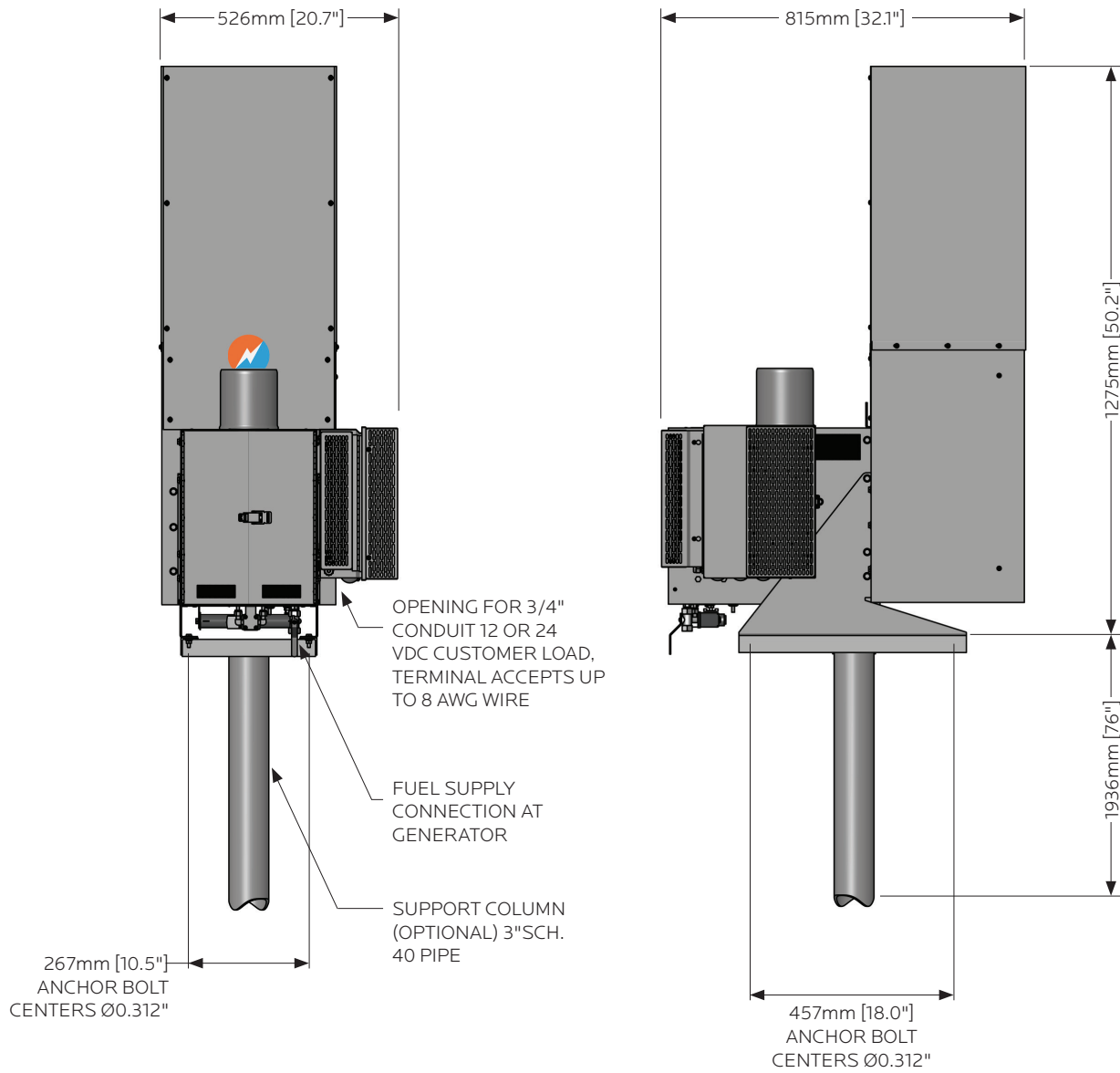
MATERIALS

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.



NOTES:
Generator Weight: 100 kg [221 lb]

ISO
9001:2015
REGISTERED 