



WQ40T4H Diesel Generator Set

STANDARD FEATURES:

- *Most Compact and Light Weight 40kW Generator in the market!*
- Hatz Liquid Cooled Engine
- *NO Urea/DEF; NO Shutdowns for Regen*
- Stamford Generator with Automatic Voltage Regulator—CSA approved
- Heavy duty steel skid base with anti-vibration isolation
- Digital generator controller with user friendly display and auto start/stop functionality
- Electronic governing— excellent frequency and load pick-up
- Safety shutdown protection
- G24 Battery and EZ oil drain kit
- Available with 'Silent Pack' enclosure
- **Serviced and 100% Load Tested**



WQ40T4H OPEN SKID MODEL

ELECTRICAL SPECIFICATIONS:

Voltage	Frequency	Power Factor	Prime Output (kW/kVA)	Prime (AMPS)	Standby Output (kW/kVA)	Standby (AMPS)
120/240 - 1PH	60Hz	1.0	36/36	150	40/40	150
120/208 - 3PH	60Hz	0.8	36/45	125	40/50	138
277/480 - 3PH	60Hz	0.8	36/45	55	40/50	60
347/600 - 3PH	60Hz	0.8	36/45	43	36/45	48



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

EDMONTON 780.960.5560 CALGARY 403.261.0601 VANCOUVER 778.705.0743





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ENGINE SPECIFICATIONS:

- Hatz 4H50TIC EPA **Tier 4 Final** liquid cooled diesel
- 60HP @ 1800 RPM
- 12V electrics
- Electric and self priming fuel lift pump
- Turbocharged and Charge Air Cooled
- Fan, belt, and core guards
- **500 hour oil change interval**
- In-line 4 cylinder, 4 Stroke
- Displacement: 2.2L
- Glow plug cold starting aid
- +/- 0.25% electronic governor engine control
- High Pressure Common Rail and Direct Injection
- DOC and Cooled EGR

GENERATOR (ALTERNATOR) SPECIFICATIONS:

- Stamford (4 lead or 12 lead) alternator
- Single Bearing, Brushless
- Automatic Voltage Regulator (AVR Controlled)
- +/- 1% Voltage Regulation
- IP23 Enclosure Protection
- Class H Insulation
- UL/CSA Approved
- Auxiliary winding to improve motor starting capability

GENERATOR CONTROL PANEL FEATURES:

- DISPLAYS:

Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Level, Engine RPM, CAN ECU shutdown



- PROTECTION SAFETY SHUTDOWN & WARNINGS:

- ⇒ Low Oil Pressure
- ⇒ Under/Over AC Voltage
- ⇒ Under/Over Battery Voltage
- ⇒ High Coolant Temperature
- ⇒ Under/Over Engine Speed
- ⇒ Low Fuel Level

- Auto Start / Stop with AUX contacts (2 wire)
- AC Current (Amp) Metering Display (*optional*)
- Programmable Exerciser
- Remote telematics monitoring system (*optional*)



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DIMENSIONS: (APPROX)

Standard Package Dimensions including battery (max dimensions)

- **Length:** 69" / 1752mm (59" / 1499mm without battery)
- **Width:** 29.5" / 749mm (25.5" / 648mm skid base)
- **Height:** 45.5" / 1156mm (top of air cleaner)
- **Weight:** 1250lbs / 568kg

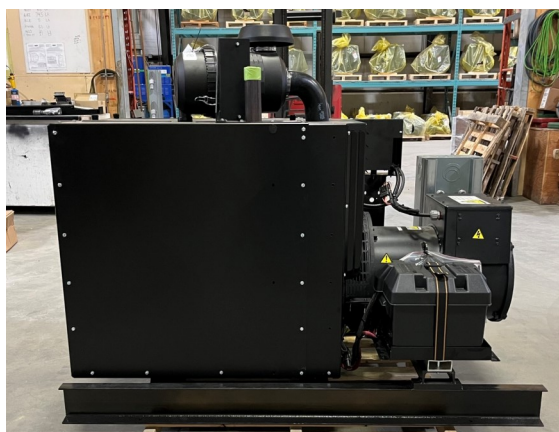


WQ40T4H-SP 'SILENT PACK' MODEL

Provides a quiet operation in small compact enclosed model.
Enclosure comes with removable panels for ease of service.
Operating Sound level is 74dBA @ 7m.



Silent Pack model with optional main breaker.



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FUEL CONSUMPTION:

- 25% LOAD: 2.8 LPH
- 50% LOAD: 5.5 LPH
- 75% LOAD: 8.2 LPH
- 100% LOAD: 11.0 LPH

OPTIONAL ACCESSORIES:

Engine System

- Engine Coolant Heater—120V
- Diesel-Fired Engine Coolant Heater (Hydronic)- Webasto
- Thermostatic Radiator Shutter kit
- Battery Trickle Charger—120V
- Battery Blanket—120V
- Battery Disconnect Lockout Switch
- Positive Air Safety Shutoff Valve
- Low Coolant Level Shutdown
- Low Oil Level Shutdown

Fuel System

- Sub-Base Fuel Tank
 - 160L/35gal (Dimensions: 54" x 34" x 10")
 - 385L/85gal (Dimensions: 71.5" x 30.5" x 14")
- Fuel tanks include vented fuel cap and fuel level sending unit

Electrical System

- Main Circuit Breaker- indoor or outdoor rated; installed on genset
- AC Distribution Panel- customizable receptacles and breaker panel
- AC Amperage Metering Display— displays line to line AC Amps on control panel
- Remote Telematic Monitoring System— provides real time engine and generator data; including GPS location



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WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 2 Year / 2000 Hours
- Hatz Engine: 3 Year / 3000-hour Major Component Warranty
- Stamford Generator: 3 Year



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