



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

Stock#: EEI-1292

Status: In Stock, Tested

Dimensions: 8' Wide, 6' Long Tongue, 18' Flat, 3' Dove Tail, Weight Approx. 12,000 Pounds (Dry)

Description: Mobile Dual Phase Extraction (MDPE), Aggressive Fluid Vapor Recovery (AFVR), Mobile Multiphase Extraction (MMPE) Unit.



- Refurbished Dekker Oil Sealed Liquid Ring Vmax Vacuum System
 - o System Information:
 - Model: VMX0302KA1-00
 - Serial: C16330
 - MFG. Date: 01/01
 - o Pump Information:
 - Pump was likely replaced at some point and not original to the system.
 - Pump Model: DV0300BKA3
 - SERIAL# 013904
 - o Reliance Electric Motor Information



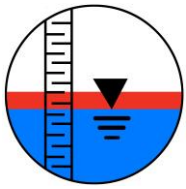
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- 20 Horsepower
- 230/460 Volt
- 50.8/25.4 Amps
- 1760 RPM
- 256TC Frame
- ID No. Z25G5103-8
- HZ 60
- Phase 3
- Code G
- Insulation Class F
- TEFC
- Continuous Duty
- Service Factor 1.24
- Ambient 40 Degrees C
- Power Factor 80.6
- Motor Weight 283 Pounds
- Nema Nominal Efficiency 91%
- ASCO Solenoid Valves
 - Model 8030G043V (Oil Circulation Valve)
 - Model EF8215B80 (Oxidizer High Temp Safety Valve)
- 3" Galvanized Steel Exhaust Line with:
 - 3/8" Ball Valve for Sample Port / Anemometer Readings
 - Dwyer LPG3-D8442N Pressure Gauge
 - 0-55" WC Pressure
 - 2.5" Face, 1/4" NPT Back Connection
 - Dwyer BTB3257D Temperature Gauge
 - 3" Dial, 2.5" Stem
 - 50-550F Range
 - Tee with Midwest Control 3" Brass Ball Valves FBB-300 To Allow for Exhaust to Atmosphere Through Rain Cap or Connection to Oxidizer via 3" Aluminum Male Camlock Fitting
- Solberg Vacuum Inlet Filter
 - Model CSL-235P-300
 - Replacement Element 235P
 - Connections 3" MNPT
- Vacuum Gauges – Total of 9 – 1x LRP, 1x Air filter, 1x KO Tank, 6x Manifold
 - Midwest Control Model VFSB25-030
 - 0-30" HG Vacuum Range
 - 2.5" Face, Liquid Filled, 1/4" NPT Back Connection
- Knockout Tank
 - Model AWS120-3
 - 5052 Marine Grade Aluminum Construction
 - 8" Cleanout Port
 - 4" MNPT Inlet Connection, 4" MNPT Outlet Connection
 - 2" Transfer Pump Connection with:
 - 2" Brass Ball Valve Midwest Control FBB-200
 - 2" x 1.5" Reducer Coupling
 - 1.5" Brass Wye Strainer Midwest Control YBS-150 with 20 Mesh Screen



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- 1.5" Brass Check Valve Midwest Control SCY-150
 - 1.5" Galvanized Union
 - ¾" Drain Line with Midwest Control FBB-075 ¾" Brass Ball Valve
 - 2" Clear PVC Sight Glass
 - FPI Sensors Level Float Tree
- Moyno Progressive Cavity Transfer Pump
 - o Pump Information:
 - Pump Model Number 35651
 - Order No. 3149777
 - MFG Date 01/15
 - Cast Iron Housing, SS Rotor, Viton Stator
 - o Baldor Motor Information:
 - SPEC 35F606W206
 - HP 1.5
 - Volts 208-230/460
 - Amps 5.3-5/2.5
 - RPM 1725
 - Frame 145TCZ
 - HZ 60
 - Phase 3
 - Service Factor 1.15
 - Code K
 - Des B
 - Class B
 - TEFC
 - o Outlet has 1.5" Brass Gate Valve Midwest Control BGV-150 and 1.5" Stainless Steel Male Camlock
 - o 1.5" Tanker Truck Camlock Hose connects to Flow Meter Assembly
- Dilution Air Valve and Filter Assembly
 - o Midwest Control 2" Brass Gate Valve BGV-200
 - o Solberg Filter Silencer
 - Model FS-30P-250
 - Replacement Element 30P
 - 2.5" MNPT Connection with 2.5 x 2" Reducer Coupling
- Strainrite Size 2 Bag Filter Housing
 - o 304SS
 - o 3" Side Inlet, Bottom Outlet
 - o 3" Brass Gate Valve Bypass Manifold Assembly
- Vacuum Manifold
 - o 3" Galvanized Steel Header with 6 Manifold Legs
 - o 6x 2" Manifold Legs Each with:
 - 2" Union
 - Midwest Control 2" Brass Ball Valve FBB-200
 - Midwest control Vacuum Gauge Model VFSB25-030
 - 2" Male Aluminum Camlock Ends
- Diesel Generator
 - o Multiquip Information:
 - Model DCA-70
 - 70KVA



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- AC Generator Information:
 - Model DB-831J2
 - Armature Connection Star with Neutral, Zigzag
 - Three Phase, 60HZ, 70KVA, 240/480V, 168/84.2 Amp, 0.8 PF
 - Single Phase, 60HZ, 40KW, 240/120V, 168 Amp, 1.0 PF
- Engine Information:
 - Type 4 cylinder 4 cycle
 - Rated Output 102HP, 1800 RPM
 - Displacement 4.5L
 - Fuel Tank 126 Gallons
- Outlet Information
 - 4x 120V 20 Amp Outlets with Breakers
 - 3x 240/120V 50 Amp Outlets with Breakers
- Control Panel
 - 36x36x12 Nema 4 Enclosure
 - Hour Meters for Vacuum Blower and Transfer Pump
 - HOA Switches for Vacuum Blower and Transfer Pump
 - Alarm Lights Include:
 - Vacuum Blower High Temp – “Hi Temp”
 - Vacuum Blower High Oil Level – “Oil High Level”
 - Vacuum Blower Low Oil Level – “Oil Low Level”
 - Knockout Tank High Level – “KO High Level”
 - White Control Power Light
 - Black Alarm Reset Push Button
 - Red Emergency Stop Button
 - 100 Amp Non Fused Disconnect
 - Relay Logic with Intrinsically Safe Relays for Float Switches
 - Contactor/Overload/Circuit Breakers or Fuses for Vacuum Blower and Transfer Pump
 - Control Transformer
- Hudson Deckover Trailer
 - Model HTMBH
 - VIN# 10HHTMBH5F2000017
 - Tandem 7,000lb Axles
 - 8’ Wide, 6’ Tongue, 18’ Flat, 3’ Dove Tail, Wood Deck
- Interconnecting Hoses are 3” Tanker Truck Hoses with Aluminum Camlock Fittings



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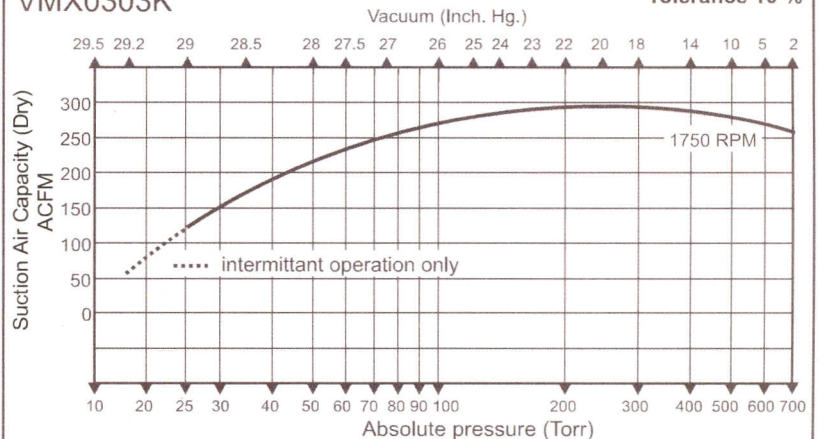


Why more and more customers are switching to the *Vmax* system:

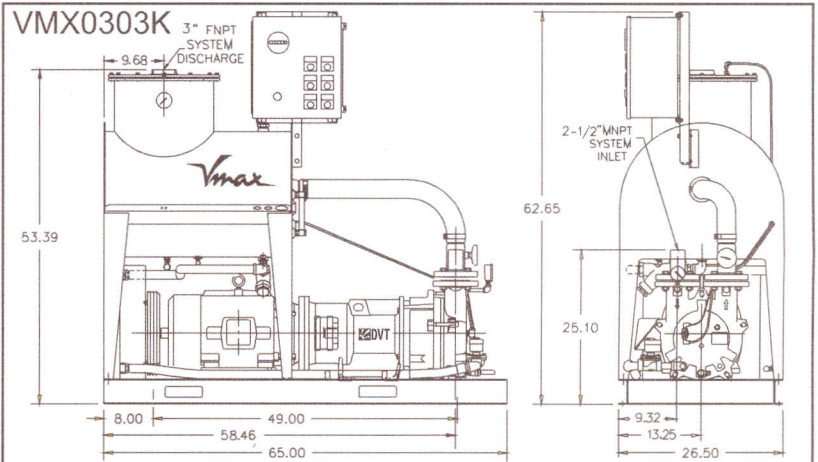
- ✓ The only system on the market with a **full 3-year warranty!**
- ✓ Patented, **high-efficiency DX-5 separator** eliminates oil carry-over concerns.
- ✓ **Sturdy bearing pedestal** mounts to standard **NEMA C-face motor**.
- ✓ Rugged, **high-quality, industrial system**, offering years of **trouble free operation**.
- ✓ **Extended-life seal-fluid** is not used as a lubricant. Change interval is not critical, resulting in a minimum of **10,000 hours of continuous operation**.
- ✓ **Direct drive at low speed (1750RPM)** eliminates the use of V-belts, resulting in very **low maintenance and zero downtime**.
- ✓ **Extremely low operating noise level** makes this system desirable in today's workplace.
- ✓ **Continuous operation over the full vacuum range** without overheating.
- ✓ **Carry-over** of soft solids and/or minimal amounts of liquid **does not cause damage** to the internal parts of the pump.
- ✓ **Air-cooled design** is **standard** with water-cooling available at no extra charge.
- ✓ Improved **compact design**.
- ✓ Now available with optional **Variable Frequency Drive**, resulting in lower power consumption.



VMX0303K



VMX0303K



Performance Characteristics

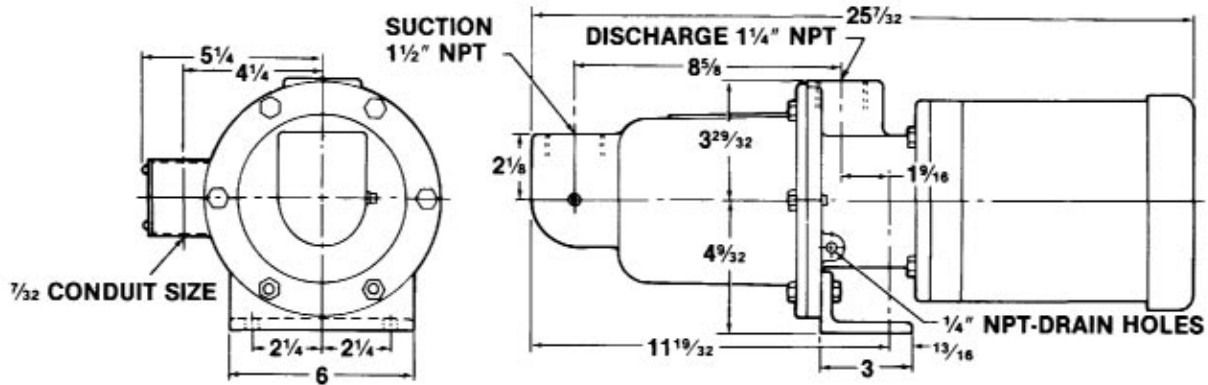
Nominal capacity:	300CFM
Motor:	20HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1305Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	76dBA
Oil capacity (approximate):	12 GAL

Performance based on atmospheric pressure equal to 29.92"Hg

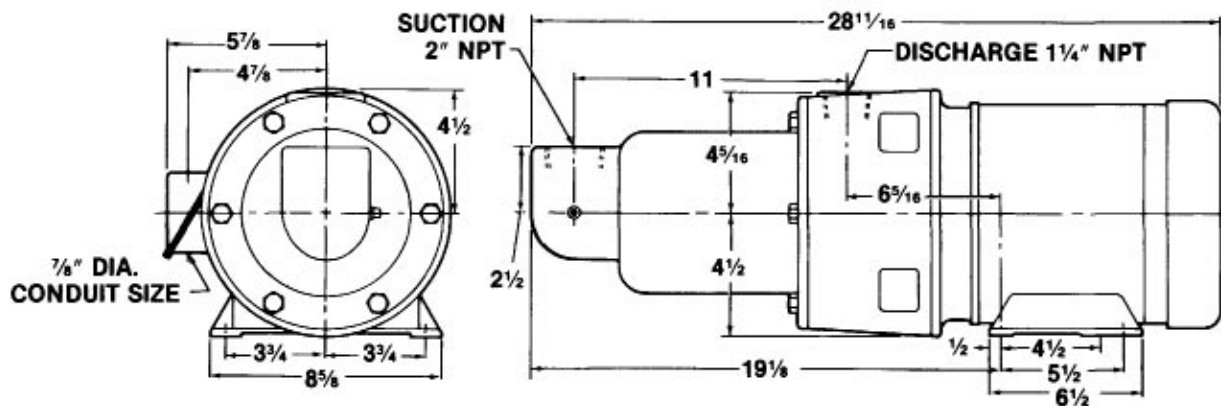
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356 AND 367 MODELS DIMENSIONS

Model 35651



Model 36751



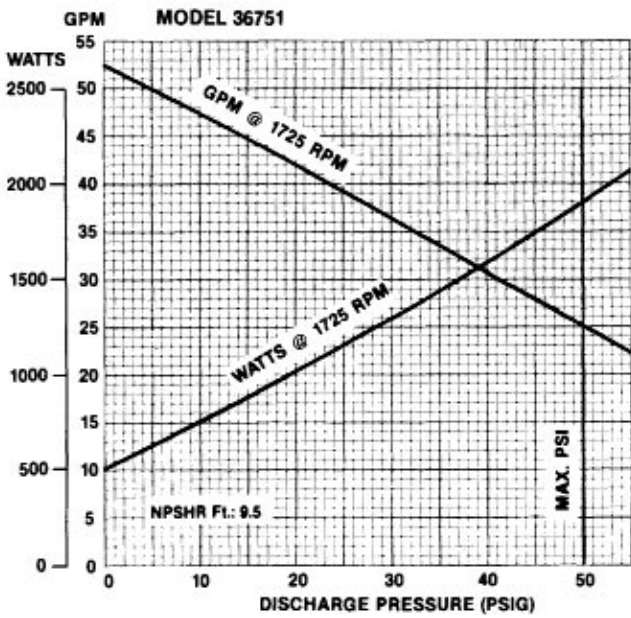
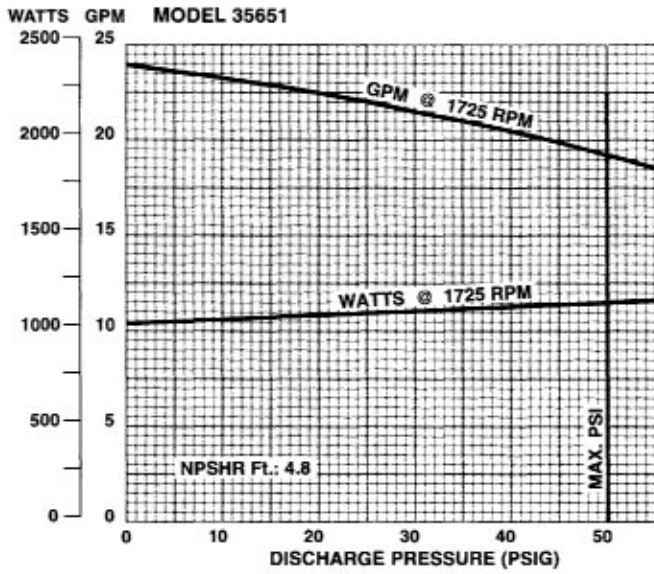
All dimensions are in inches.
Specifications subject to change without notice.

MATERIALS OF CONSTRUCTION

COMPONENT	MODELS					
	35651	36751	35650	35652	36750	36752
Housing	Cast iron	Cast iron	316 SS	316 SS	316 SS	316 SS
Rotor	416 SS/CP	416 SS/CP	316 SS/CP	316 SS/CP	316 SS/CP	316 SS/CP
Stator	NBR (Nitrile)	NBR (Nitrile)	NBR (Nitrile)	NBR (Nitrile)	NBR (Nitrile)	NBR (Nitrile)
Motor Data	1-1/2 HP, 3 PH	2 HP, 3 PH	1-1/2 HP, 3 PH	1-1/2 HP, 1 PH	2HP, 3 PH	2 HP, 1 PH
	208/230/440 VAC	230/440 VAC	230/460 VAC	115/230 VAC	230/460 VAC	115/230 VAC
	60 HZ TEFC	60 HZ TEFC	60 HZ TEFC	60 HZ TEFC	60 HZ TEFC	60 HZ TEFC
Weight (lbs)	68	115	68	68	115	115

CP = Chrome plated

PERFORMANCE (Water at 70°F)



NOTE: With the standard
1 1/2 HP (Model 35651)
2 HP (Model 36751)
motor, maximum fluid
viscosity is 100 CP
(500 SSU).



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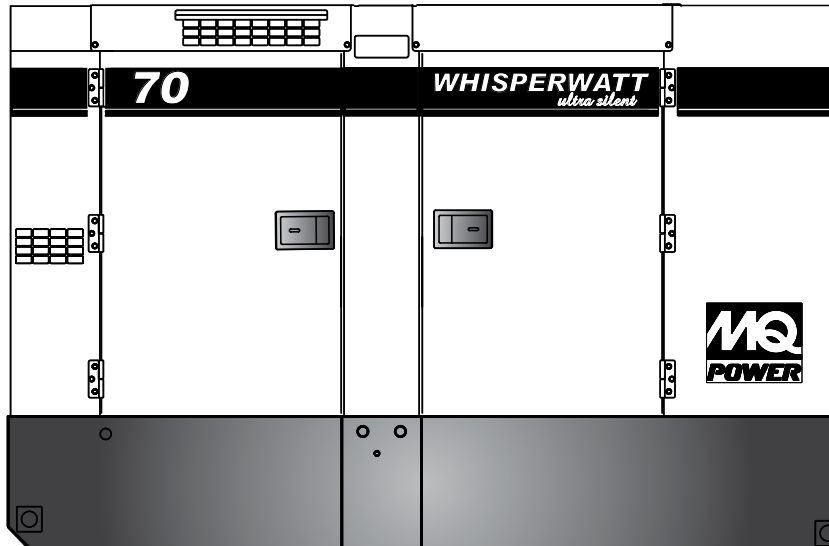
MQ POWER Series Generator

WhisperWatt™

Prime Rating — 56 kW (70 kVA)

Standby Rating — 62 kW (77 kVA)

Three-Phase, 60 Hertz, 0.8 PF



STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class H insulation systems.
- Open delta excitation design provides virtually unlimited excitation for maximum motor starting capability.
- Automatic voltage regulator (AVR) provides precise regulation.
- Electronic Governor Control — maintains frequency to within $\pm 0.25\%$ from no load to full load.
- Full load acceptance of standby nameplate rating in one step (NFPA 110, para 5-13.2.6).
- Sound attenuated, weather resistant, steel housing provides operation at 60 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- Internal fuel tank with direct reading of fuel gauge.
- Seven stage powder coat paint system provides durability and weather protection.
- Fuel/water separator removes condensation from fuel for extended engine life. Panel mounted alarm light included.
- Complete engine analog instrumentation includes DC ammeter, oil pressure gauge, water temp. gauge, fuel level gauge, tachometer/hour meter, preheat indicator, emergency shutdown monitors.
- Automatic start/stop control — automatically starts the generator set during a commercial power failure when used in conjunction with a transfer switch.
- Complete generator analog instrumentation includes voltage regulator control, ammeter phase selector switch, voltmeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, panel light, and circuit breaker.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, overspeed and overcrank. Warning lights indicate abnormal conditions.
- Complete power panel. Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. The GFCI receptacles are NEMA 5-20, and the auxiliary outputs use CS6369 twist-lock receptacles.
- Simultaneous single and three phase power.
- Voltage selector switch offers the operator a wide range of voltages that are manually selectable. Fine tuning of the output voltage can be accomplished by adjusting the voltage regulator control knob to obtain the desired voltage.
- EPA emissions certified - Interim Tier 3 emissions compliant.



DCA70USI

MQ POWER Series Generator

SPECIFICATIONS

Generator Specifications		
Design	Revolving field, self-ventilated Drip-proof, single bearing	
Armature Connection	Star with Neutral	Zig Zag
Phase	3	Single
Standby Output	62 KW (77 KVA)	44 KW
Prime Output	56 KW (70 KVA)	40 KW
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 240/139	208Y/120, 220Y/127, 240Y/139	N/A
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 480/277	416Y/240, 440Y/254, 480Y/277	N/A
1Ø Voltage (L-L/L-N) (Voltage Selector Switch at 1Ø 240/120)	N/A	240/120
Power Factor	0.8	1.0
Voltage Regulation (No load to full load)	±0.5%	
Generator RPM	1800	
Frequency	60 Hz	
No. of Poles	4	
Excitation	Brushless with AVR	
Frequency	60 Hz	
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load	
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.	
Insulation	Class H	
Sound Level dB(A) Full load at 23 feet	68	

Engine Specifications	
Make / Model	Isuzu / BJ-4JJ1X
Emissions	EPA Interim Tier 3 Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged
Displacement	183.0 in ³ (2999 cc)
No. cylinders	4
Bore x Stroke (mm)	95.4 x 104.9
Gross Engine Power Output	97.9 bhp (50 kW)
BMEP	204 psi (1409 kPa)
Piston Speed	1237 ft./min. (6.29 m/s)
Compression Ratio	17.5:1
Engine Speed	1800 rpm
Overspeed Limit	2100 rpm
Oil Capacity	3.96 gallons (15 liters)
Battery	12V 72Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D	
Maximum Fuel Flow (per hour)	16 gallons (61 liters)	
Maximum Inlet Restriction (Hg)	5.9 in. (150 mm)	
Fuel Tank Capacity	103 gallons (390 liters)	
Fuel Consumption	gph	lph
At full load	4.1	15.4
At 3/4 load	3.1	11.9
At 1/2 load	2.1	8.1
At 1/4 load	1.3	4.8

Cooling System	
Fan Load	0.4 hp (0.3 kW)
Coolant Capacity (with radiator)	3.57 gallons (13.5 liters)
Coolant Flow Rate (per minute)	15.4 gallons (58.5 liters)
Heat Rejection to Coolant (per minute)	2260 Btu (2.38 MJ)
Heat Rejection to Room (per minute)	578 Btu (0.61 MJ)
Maximum Coolant Friction Head	6.1 psi (42 kPa)
Maximum Coolant Static Head	21 feet (6.4 meters)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	138 cfm (3.9 m ³ /min)
Maximum Air Cleaner Restriction	25 in. H ₂ O (6.25 kPa)
Alternator Cooling Air	526 cfm (14.9 m ³ /min)
Radiator Cooling Air	2009 cfm (56.9 m ³ /min)

Exhaust System	
Gas Flow (full load)	332 cfm (9.4 m ³ /min)
Gas Temperature	932°F (500°C)
Maximum Back Pressure	53.2 in. H ₂ O (13.3 kPa)

Amperage	
Rated Voltage	Maximum Amps
1Ø 120 Volt	155.4 Amps (4 wire) 168A x 2 (Zigzag)
1Ø 240 Volt	77.8 Amps (4 wire) 168A (Zigzag)
3Ø 240 Volt	168 Amps
3Ø 480 Volt	84 Amps
Main Line Circuit Breaker Rating	175 Amps
Over Current Relay Trip Set Point 480V Mode Only	84 Amps

WARRANTY*

Isuzu Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator

24 months from date of purchase or 2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

NOTICE

Generator is not intended for use in enclosed areas or where free flow of air is restricted.

Backfeed to a utility system can cause electrocution, shock and/or property damage. **DO NOT** connect to any building's electrical system except through an approved device.

Specifications are subject to change without notice.



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MQ POWER Series Generator

MQ POWER DECIBEL LEVELS

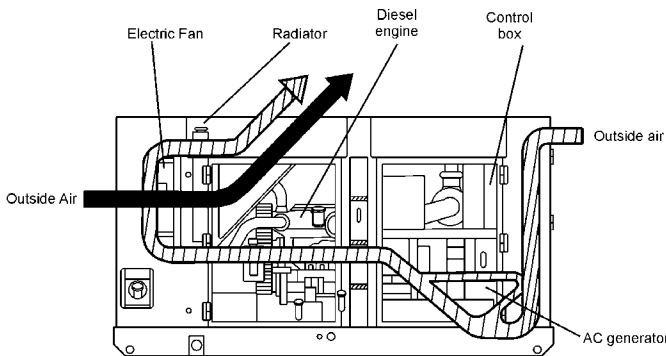
Our soundproof housing allows substantially lower operating noise levels than competitive designs. Ultra-Silent are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

- 90 — Subway / truck traffic
- 80 — Average city traffic
- 70 — Inside car at 60 mph
- 60 — Air conditioner at 20 feet
Ultra-Silent at 23 feet
- 50 — Normal conversation



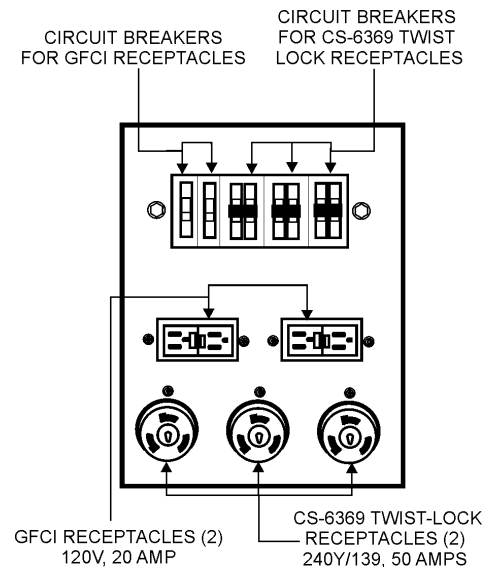
ULTRA-SILENT FEATURES

- **Low Noise Muffler** — Large capacity low noise muffler minimizes exhaust sound.
- **Soundproof Casing** — The new design divides the cabinet into three sections, separating the engine, muffler and radiator for more efficient cooling and reduces noise from the engine and fans.
- **New Cooling System** — An advanced design uses two separate air intake systems to cool the generator. The engine fan draws air in to cool the engine and generator housing while a second electric fan directly cools the radiator. With less air being drawn into the generator through each fan, considerably less noise is produced through the top of the generator.
- **Environmental Design** — Constructed using an integrated environmental skid and fuel tank. This design fully contains fuel leakage and any liquid that might leak from the engine such as lube oil or radiator coolant. All potentially hazardous liquids are contained without contaminating the surrounding area.



Flow of Cooling Air

GENERATOR OUTPUT PANEL



OPTIONAL CONTROL FEATURES

- **Emergency Stop Switch** — when manually activated shuts down generator in the event of an emergency.
- **Audible alarm** — alerts operator of abnormal conditions.

OPTIONAL GENERATOR FEATURES

- **Electronic Governor Control (Crystal Sync)** — maintains frequency to within $\pm 0.25\%$ from no load to full load.
- **Battery Charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heater** — for easy starting in cold weather climates.
- **Special Batteries** — long life batteries provide extra engine cranking power.
- **Spring Isolators** — provides extra vibration protection for standby applications.
- **Low Coolant Level Shutdown** — provides protection from critically low coolant levels. Includes control panel warning light.
- **Trailer Mounted Package** — meets National Highway Traffic Safety Administration (NHTSA) regulations. Trailer is equipped with electric or surge-hydraulic brakes with tandem axle configuration.

OPTIONAL OUTPUT CONNECTIONS

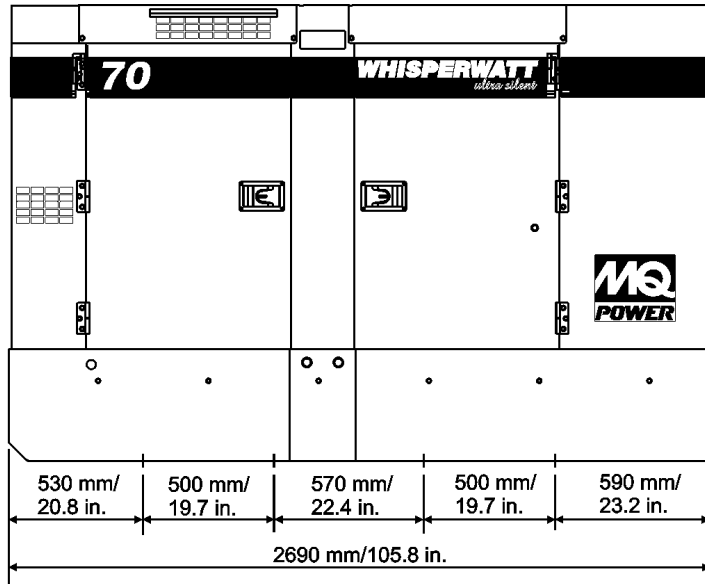
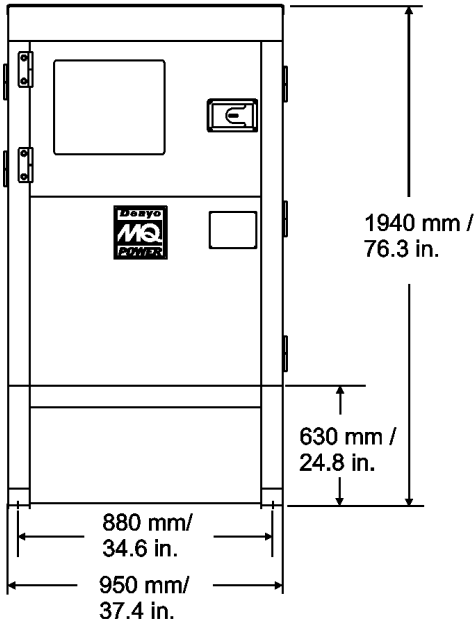
- **Cam-Lok Connectors** — provides quick disconnect alternative to bolt-on connectors.
- **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- **Output Cable** — available in any custom length and size configuration.



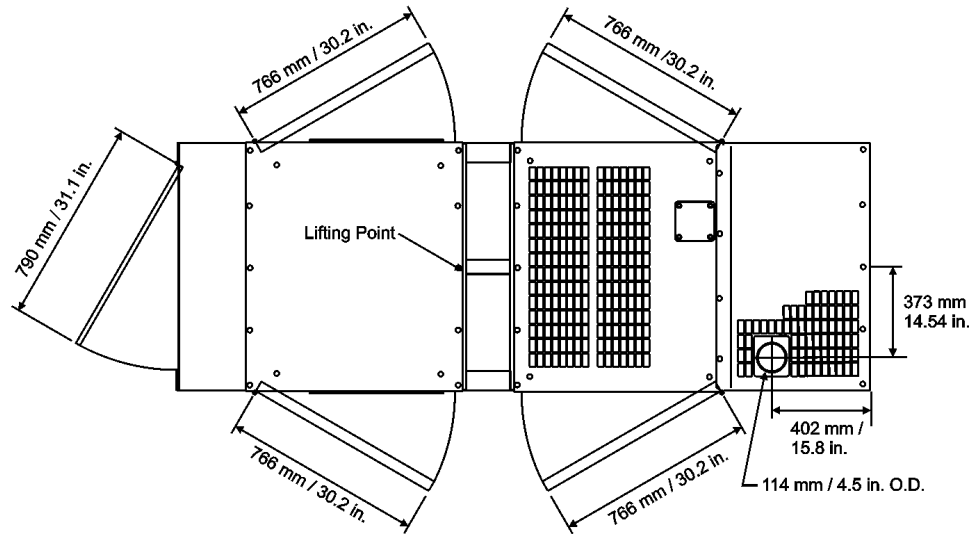
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MQ POWER Series Generator

DIMENSIONS



Weight	
Dry Weight	3,771 lbs. (1,710 kg)
Wet Weight	4,553 lbs. (2,065 kg)
Max. Lifting Point Capacity	14,050 lbs. (6,370 kg)



Generator can be placed on a
MQ Power Model TRLR70XF
Tandem Axle Trailer

Manufactured by Denyo Co.

Your Multiquip dealer is:

