Model: 900REOZDD

KOHLER POWER SYSTI

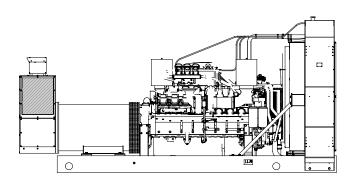
380-600 V

Diesel



Ratings Range

| | | 60 Hz | 50 Hz |
|----------|-----|----------|----------|
| Standby: | kW | 785-910 | 640-800 |
| | kVA | 981-1138 | 800-1000 |
| Prime: | kW | 715-830 | 584-728 |
| | kVA | 894-1038 | 730-910 |



Standard Features

- Kohler Co. provides one-source responsibility for the • generating system and accessories.
- The generator set and its components are prototype-tested, • factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- The generator set complies with ISO 8528-5, Class G3, requirements for transient performance.
- The 60 Hz generator set engine is certified by the Environmental Protection Agency (EPA) to conform to Tier 2 nonroad emissions regulations.
- A one-year limited warranty covers all systems and components. Two-, five-, and ten-year extended warranties are also available.
- Alternator features:
 - The pilot-excited, permanent magnet (PM) alternator provides superior short-circuit capability.
 - The brushless, rotating-field alternator has broadrange 0 reconnectability.
- Other features:
 - Controllers are available for all applications. See 0 controller features inside.
 - Electronic engine controls and a generator set microprocessor controller combine to deliver one of the most advanced control systems in today's market.

| | | | | 150°C Standby | | 130°C Standby | | 125°C Prime F | | 105°C Prime F | |
|------------|---------|----|----|------------------|------|------------------|------|------------------|------|------------------|------|
| Alternator | Voltage | Ph | Hz | kW/kVA | Amps | kW/kVA | Amps | kW/kVA | Amps | kW/kVA | Amps |
| | 240/416 | 3 | 60 | 825/1031 | 1431 | 785/981 | 1362 | 770/963 | 1336 | 715/894 | 1240 |
| | 277/480 | 3 | 60 | 900/1125 | 1353 | 825/1031 | 1240 | 820/1025 | 1233 | 800/1000 | 1203 |
| 5M4036 | 220/380 | 3 | 50 | 704/880 | 1337 | 652/815 | 1238 | 664/830 | 1261 | 600/750 | 1140 |
| | 230/400 | 3 | 50 | 712/890 | 1285 | 688/860 | 1241 | 672/840 | 1212 | 632/790 | 1140 |
| | 240/416 | 3 | 50 | 668/835 | 1159 | 640/800 | 1110 | 628/785 | 1089 | 584/730 | 1013 |
| | 240/416 | 3 | 60 | 885/1106 | 1535 | 835/1044 | 1449 | 820/1025 | 1423 | 770/963 | 1336 |
| | 277/480 | 3 | 60 | 900/1125 | 1353 | 900/1125 | 1353 | 820/1025 | 1233 | 820/1025 | 1233 |
| 5M4038 | 220/380 | 3 | 50 | 764/955 | 1451 | 720/900 | 1367 | 696/870 | 1322 | 664/830 | 1261 |
| | 230/400 | 3 | 50 | 768/960 | 1386 | 744/930 | 1342 | 700/875 | 1263 | 676/845 | 1220 |
| | 240/416 | 3 | 50 | 748/935 | 1298 | 724/905 | 1256 | 704/880 | 1221 | 660/825 | 1145 |
| | 220/380 | 3 | 60 | 830/1038 | 1576 | 830/1038 | 1576 | 755/944 | 1434 | 755/944 | 1434 |
| | 240/416 | 3 | 60 | 910/1138 | 1579 | 910/1138 | 1579 | 830/1038 | 1440 | 830/1038 | 1440 |
| | 277/480 | 3 | 60 | 910/1138 | 1368 | 910/1138 | 1368 | 830/1038 | 1248 | 830/1038 | 1248 |
| 5M4044 | 220/380 | 3 | 50 | 800/1000 | 1519 | 800/1000 | 1519 | 728/910 | 1383 | 728/910 | 1383 |
| | 230/400 | 3 | 50 | 800/1000 | 1443 | 800/1000 | 1443 | 728/910 | 1313 | 728/910 | 1313 |
| | 240/416 | 3 | 50 | 800/1000 | 1388 | 800/1000 | 1388 | 728/910 | 1263 | 728/910 | 1263 |
| 5M4168 | 220/380 | 3 | 60 | 900/1125 | 1709 | 900/1125 | 1709 | 820/1025 | 1557 | 820/1025 | 1557 |
| 5M4280 | 347/600 | 3 | 60 | 900/1125 | 1083 | 900/1125 | 1083 | 820/1025 | 986 | 820/1025 | 986 |

RATINGS: All three-phase units are rated at 0.8 power factor. *Standby Ratings*: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046/1, BS 5514, AS 2789, and DIN 6271. *Prime Power Ratings*: Prime power ratings apply to installations where utility power is unavailable or unreliable. At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-3046/1, BS 5514, AS 2789, and DIN 6271. *Prime Power Ratings*: Obtain the technical information bulletin (TIB-101) on ratings guidelines for the complete ratings definitions. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. GENERAL GUIDELINES FOR DERATION: *Atitude*: Derate 1.0% per 100 m (328 ft.) elevation above 400 m (1312 ft.). *Temperature*: Derate 3.0% per 5.0°C (9°F) temperature above 40°C (104°F).

Generator Set Ratings

Alternator Specifications

| Specifications | ; | Alternator |
|---|--|---|
| Туре | | 4-Pole, Rotating-Field |
| Exciter type | | Brushless, Permanent- Magnet Pilot Exciter |
| Leads: quantity | ν, type | 10, Reconnectable |
| Voltage regulat | or | Solid-State, Volts/Hz |
| Insulation: | | NEMA MG1 |
| Material | | Class H, Synthetic, Nonhygroscopic |
| Temperati | ure rise | 130°C, 150°C Standby |
| Bearing: quanti | ity, type | 1, Sealed |
| Coupling | | Flexible Disc |
| Amortisseur wi | ndings | Full |
| Rotor balancing | g | 125% |
| | ion, no-load to full-load | |
| (with $< 0.5\%$ drift due to temp. variation) | | 3-Phase Sensing, ±0.25% |
| One-step load | acceptance | 100% of Rating |
| Unbalanced loa | ad capability | 100% of Rated Standby Current |
| Peak motor sta | urting kVA: | (35% dip for voltages below) |
| 480 V | 5M4036 (10 lead) | 3150 (60 Hz), 2400 (50 Hz) |
| 480 V | 5M4038 (4 lead) | 3050 (60 Hz), 2350 (50 Hz) |
| 480 V 380 V | 5M4044 (4 bus bar) | 3900 (60 Hz), 2650 (50 Hz) |
| 600 V | 5M4168 (4 bus bar) 5M4280 (4 bus bar) | 2700 (60 Hz) 3450 (60 Hz) |
| 000 v | | |

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and dripproof construction.
- Superior voltage waveform from two-thirds pitch windings and skewed stator.
- Digital solid-state, volts-per-hertz voltage regulator with ±0.25% no-load to full-load regulation.
- · Brushless alternator with brushless pilot exciter for excellent load response.

Application Data

Engine Electrical

| <u>g</u> | | |
|--|------------------|------------------|
| Engine Specifications | 60 Hz | 50 Hz |
| Manufacturer | Detroit Di | esel/MTU |
| Engine: model | 16V2000 | 16V2000 |
| | G45 R163-8A37 | G25 R163-8A38 |
| Engine: type | 4-C | |
| Engine: type | Turbocharge | |
| Cylinder arrangement | 16 | |
| Displacement, L (cu. in.) | 31.84 | (1943) |
| Bore and stroke, mm (in.) | 130 x 150 (| 5.12 x 5.91) |
| Compression ratio | 16. | 0:1 |
| Piston speed, m/min. (ft./min.) | 540 (| 1772) |
| Main bearings: quantity, type | 9, Precision | Half Shells |
| Rated rpm | 1800 | 1500 |
| Max. power at rated rpm, kWm (BHP) | 1010 (1354) | 890 (1194) |
| Cylinder head material | Cast | Iron |
| Crankshaft material | Forgeo | l Steel |
| Valve (exhaust) material | Austenit | ic Steel |
| Governor: type, make/model | ADEC Electr | onic Control |
| Frequency regulation, no-load to-full load | lsochr | onous |
| Frequency regulation, steady state | ±0.2 | 25% |
| Frequency | Fix | ed |
| Air cleaner type, all models | D | ry |
| Exhauat | | |

| Engine Electrical System | 60 Hz | 50 Hz |
|---|-------------------------|--------|
| Battery charging alternator: | | |
| Ground (negative/positive) | Nega | ative |
| Volts (DC) | 2 | 4 |
| Ampere rating | 70 | |
| Starter motor rated voltage (DC) | 2 | 4 |
| Battery, recommended cold cranking amps (CCA): | | |
| Qty., CCA rating each | Two, | 1150 |
| Battery voltage (DC) | 1 | 2 |
| Fuel | | |
| Fuel System | 60 Hz | 50 Hz |
| Fuel supply line, min. ID, mm (in.) | 12 (| 0.5) |
| Fuel return line, min. ID, mm (in.) | 6 (0.25) | |
| Max. fuel flow, Lph (gph) | 480 (127) | |
| Min./max. fuel pressure at engine supply connection, kPa (in. Hg) | y -30/50 (-8.8/14.8) | |
| Fuel filter: quantity, type | 1, Secondary | |
| Recommended fuel | #2 D | iesel |
| Lubrication | | |
| Lubricating System | 60 Hz | 50 Hz |
| Туре | Full Pr | essure |
| Oil pan capacity dipstick mark max., L (qt.) | 88 | (93) |
| Oil pan capacity, initial filling, L (qt.) | 102 (108) | |
| Oil filter: quantity, type | 2, Car | tridge |
| | _, | |

Water-Cooled

Engine

| | G45 R163-8A37 4-Cy Turbochargeo 16 | vcle, d, Intercooled | Volts (DC) Ampere rat Starter motor ra Battery, recomm |
|-------|---|-------------------------|---|
| | 31.84 (130 x 150 (5 16. 540 (1 | 5.12 x 5.91) 0:1 | amps (CCA): Qty., CCA Battery voltage Fuel |
| | 9, Precision | Half Shells | Fuel System |
| (BHP) | 1800 1010 (1354) Cast Forgeo Austenit | Steel | Fuel supply line Fuel return line, Max. fuel flow, L Min./max. fuel p connection, kPa |

Exhaust

| Exhaust System | 60 Hz | 50 Hz |
|---|------------|--------------------|
| Exhaust flow at rated kW, m ³ /min. (cfm) | 210 (7416) | 180 (6357) |
| Exhaust temperature at rated kW, dry exhaust, °C (°F) | 530 | (986) |
| Maximum allowable back pressure, kPa (in. Hg) Exh. outlet size at eng. hookup, mm (in.) | | (2.5) / drawing |
| | | |

Oil cooler

Application Data

Cooling

| ocomig | | |
|---|--|--|
| Radiator System | 60 Hz | 50 Hz |
| Ambient temperature, °C (°F) | 40 (| 104) |
| Engine water capacity, L (gal.) | 150 | (40) |
| Radiator system capacity, including | | |
| engine, L (gal.) | | (84) |
| Engine jacket water flow, Lpm (gpm) | 833 (220) | 667 (176) |
| Charge cooler water flow, Lpm (gpm) | 258 (68) | 233 (62) |
| Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) | 355 (20206) | 375 (21345) |
| Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) | 290 (16507) | 195 (11099) |
| Water pump type | Centr | ifugal |
| Fan diameter, including blades, mm (in.) | 1524 | (60) |
| Fan, kWm (HP) | 43 (58) | 25 (34) |
| Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. $\rm H_2O)$ | 0.125 | ō (0.5) |
| High Ambient Radiator System | 60 Hz | 50 Hz |
| | | |
| Ambient temperature, °C (°F) | 50 (| 122) |
| Ambient temperature, °C (°F) Engine jacket water capacity, L (gal.) | , | 122) (40) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including | , | , |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) | 150 | , |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including | 150 | (40) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) | 150 360 | (40) (95) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) | 150 360 833 (220) | (40) (95) 667 (176) 233 (62) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated | 150 360 833 (220) 258 (68) | (40) (95) 667 (176) 233 (62) 375 (21345) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) | (40) (95) 667 (176) 233 (62) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) Water pump type | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr 1524 | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) ifugal |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) Water pump type Fan diameter, including blades, mm (in.) | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) rifugal 4 (60) 36 (48) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) Water pump type Fan diameter, including blades, mm (in.) Fan, kWm (HP) Max. restriction of cooling air, intake and | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr 1524 63 (84) | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) rifugal 4 (60) 36 (48) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) Water pump type Fan diameter, including blades, mm (in.) Fan, kWm (HP) Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O) | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr 1524 63 (84) 0.125 60 Hz | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) iffugal (60) 36 (48) 5 (0.5) |
| Engine jacket water capacity, L (gal.) Radiator system capacity, including engine, L (gal.) Engine jacket water flow, Lpm (gpm) Charge cooler water flow, Lpm (gpm) Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) Heat rejected to charge cooling water at rated kW, dry exhaust, kW (Btu/min.) Water pump type Fan diameter, including blades, mm (in.) Fan, kWm (HP) Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O) Remote Radiator System [†] | 150 360 833 (220) 258 (68) 355 (20206) 290 (16507) Centr 1524 63 (84) 0.125 60 Hz | (40) (95) 667 (176) 233 (62) 375 (21345) 195 (11099) ifugal 4 (60) 36 (48) 5 (0.5) 50 Hz |

| | =., |
|---|----------|
| Connection sizes: | |
| Water inlet/outlet, mm (in.) | 77 (3) |
| Intercooler inlet/outlet, mm (in.) | 51 (2) |
| Static head allowable above engine, kPa (ft. H ₂ O) | 149 (50) |
| | |

† Contact your local distributor for cooling system options and specifications based on your specific requirements.

Operation Requirements

| Air Requirements | 60 Hz | 50 Hz |
|---|--------------|-------------|
| Radiator-cooled cooling air, m³/min. (scfm)‡ | 1154 (40741) | 910 (32152) |
| High ambient radiator-cooled cooling air, $m^3/\text{min.}~(\text{scfm})\ddagger$ | 1268 (44790) | 997 (35199) |
| Cooling air required for generator set when equipped with city water cooling or remote radiator, based on 14°C (25°F) rise, m ³ /min. (scfm)‡ | 351 (1 | 2400) |
| Combustion air, m ³ /min. (cfm) | 84 (2966) | 66 (2331) |
| Heat rejected to ambient air: | | |
| Engine, kW (Btu/min.) | 45 (2 | 2559) |
| Alternator, kW (Btu/min.) | 53 (3 | 8014) |
| \ddagger Air density = 1.20 kg/m ³ (0.075 lbm/ft ³) | | |

| Fuel Consumption | 60 Hz | 50 Hz |
|-----------------------------|--------------|--------------|
| Diesel, Lph (gph) at % load | Standb | y Rating |
| 100% | 244.5 (64.6) | 208.1 (55.0) |
| 75% | 186.9 (49.4) | 154.5 (40.8) |
| 50% | 127.0 (33.6) | 105.6 (27.9) |
| 25% | 70.7 (18.7) | 58.3 (15.4) |
| Diesel, Lph (gph) at % load | Prime | Rating |
| 100% | 222.5 (58.8) | 189.4 (50.0) |
| 75% | 170.1 (45.0) | 142.0 (37.5) |
| 50% | 116.1 (30.7) | 97.1 (25.6) |
| 25% | 65.4 (17.3) | 54.0 (14.3) |

Controllers

| r: r: | |
|-------|--|
| | |
| L | |

Decision-Maker® 3+ Controller

Provides system control and monitoring capabilities.

- Analog display using AC meters, engine gauges, and voltage selector switch.
- 16-light status, warning, and shutdown fault annunciation.
- Alarm horn, emergency stop switch, and hour meter features.
- Remote annunciation options.
- Remote start and prime power options.

Refer to G6-30 for additional controller features and accessories.

| County Date | |
|-------------|--|

Decision-Maker[®] 550 Controller

Provides advanced control, system monitoring, and system diagnostics with remote monitoring capabilities.

- Digital display and keypad provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or modem configuration
- Controller supports Modbus® protocol
- Integrated voltage regulator with ±0.25% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-46 for additional controller features and accessories.



Decision-Maker[®] 6000 Paralleling Controller

Provides advanced control, system monitoring, and system diagnostics with remote monitoring capabilities for paralleling multiple generator sets.

- Paralleling capability with first-on logic, synchronizer, kW and kVAR load sharing, and protective relays
- Digital display and keypad provide easy local data access
- Measurements are selectable in metric or English units
 Remote communication thru a PC via network or
- modem configuration
- Controller supports Modbus® protocol
- Integrated voltage regulator with ±0.25% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability
- Refer to G6-107 for additional controller features and accessories.

- Alternator Protection •
- (standard with Decision-Maker® 550 and 6000 controllers) Engine Closed Crankcase Breather .
- **Oil Drain Extension** .
- Operation and Installation Literature •
- **Radiator Duct Flange**
- **Reactive Droop Compensation** (standard with Decision-Maker® 550 and 6000 controllers)

Available Options

Approvals and Listings

- CSA Approval
- IBC Seismic Certification
- Rated Power Factor Testing
- UL 2200 Listing

Enclosed Unit

- Sound Enclosure/Fuel Tank Package
- Weather Enclosure/Fuel Tank Package

Open Unit

- Exhaust Silencer, Critical
- (kits: PA-354880 qty. 2, or PA-354898 qty. 1) Exhaust Silencer, Hospital
- (kits: PA-354905 qty. 2, PA-361619 qty. 1, or PA-354912 qty. 1)
- Flexible Exhaust Connector, Stainless Steel

Fuel System

- Flexible Fuel Lines
- Fuel Pressure Gauge
- Fuel/Water Separator

Controller

- Common Failure Relay
- Communication Products and PC Software \square (Decision-Maker® 550 and 6000 controllers)
- **Customer Connection** (Decision-Maker® 3+ and 550 controllers)
- Dry Contact (isolated alarm)
- Prime Power Switch (Decision-Maker® 550 and 6000 controllers)
- Remote Audiovisual Alarm Panel
- Remote Emergency Stop
- Remote Mounting Cable
- (Decision-Maker® 3+ and 550 controllers)
- Remote Serial Annunciator Panel \square
- Run Relay

Cooling System

- Block Heater (includes isolation valves); Recommended for Ambient Temperatures Below 10°C (50°F)
- High Ambient Radiator \Box
- Remote Radiator Cooling Setup

Electrical System

- Alternator Strip Heater
- Battery
- Battery Charger, Equalize/Float Type
- Battery Heater
- Battery Rack and Cables
- Bus Bar (standard on 7M alternators, 380-600 volt only)
- Line Circuit Breaker (NEMA type 1 enclosure)

- Kohler Power Systems Asia Pacific Headquarters 7 Jurong Pier Road Singapore 619159 Phone (65) 6264-6422, Fax (65) 6264-6455
- Line Circuit Breaker with Shunt Trip (NEMA type 1 enclosure)
- Safeguard Breaker (Decision-Maker® 3+ controller only)

Paralleling System

- Decision-Maker® Paralleling System (DPS) (Decision-Maker® 6000 controller only)
- Manual Speed Adjust Control
- Reactive Droop Compensator
- (Decision-Maker® 3+ controller only)
- Remote Voltage Adjustment Control
- Voltage Regulator Relocation (Decision-Maker® 3+ controller only)

Miscellaneous

- Air Cleaner, Heavy Duty
- Air Cleaner Restriction Indicator
- Integral Vibration Isolation Mounting
- Solid Mounting/Spring Isolators

Literature

- **General Maintenance**
- **NFPA 110**
- Overhaul
- Production

Warranty

- 2-Year Basic
- 2-Year Prime
- 5-Year Basic \square
- 5-Year Comprehensive
- 10-Year Major Components

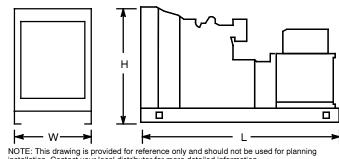
Other Options

Dimensions and Weights

Overall Size, max., L x W x H, mm (in.):

Weight, radiator model, max. wet, kg (lb.):

4854 x 1932 x 2425 (191.1 x 76.1 x 95.5) 7663 (16893)



NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

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