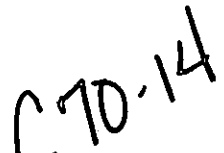


Call
1/9



1640 ROUTE 88
BRICK, NJ 08724

V. FEE SUMMARY (for office use only)

1. Proposed Work Site at: 1640 ROUTE 88, BRICK, NJ

2. Name of Owner in Fee: MERIDIAN HEALTH SYSTEMS Tel. (734) 776-3871
Address: 1436 E. ELIZABETH AVS, LINDEN, NJ 07036
street municipality zip code

3. Ownership in Fee: Public _____ Private ☒

4. Principal Contractor: M. GORDON CONSTRUCTION Tel. (908) 925-1123
Address 1436 E. ELIZABETH AVS
LINDEN, NJ 07036

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
Federal Employee No. _____ Fax () _____

5. Architect or Engineer BUCKMAN ARCHITECTURAL Tel. (908) 241-3457
Address 725 FEDERAL AVE
KENILWORTH, NJ 07033

6. Responsible Person in Charge of Work GEORGE KNOWLES
Tel. (908) 925-1123 Fax (908) 925-1146

		Update	Update
1. Building	\$		
2. Electrical		175	
3. Plumbing			
4. Fire Protection			
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$		
9. DCA Training Fee		34	
10. Subtotal	\$		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$	209	

(office use only)

1. Number of Stories _____
2. Height of Structure _____ ft.
3. Area—Largest Floor _____ sq. ft.
4. New Building Area _____ sq. ft.
5. Volume of New Structure _____ cu. ft.
6. Construction Classification _____
7. Total Land Area Disturbed _____ sq. ft.
8. Flood Hazard Zone _____
9. Base Flood Elevation _____ ft.
10. Wetlands yes _____ sq. ft.
 no _____
11. Max. Live Load _____
12. Max. Occupancy Load _____

Est. Cost

- [illegible]

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks

2. ☐ High Pressure Boilers

3. ☐ Pressure Vessels

4. ☐ Refrigeration Systems

5. ☐ Cross-Connections/Backflow
Preventers

6. ☐ Hazardous Uses/Places of Assembly

7. ☐ Sprinklers

8. ☐ Smoke Control Systems in Open Wells

9. ☐ Underground Storage Tanks

3. Change in Use Group,
Indicate Former:

LDS BR 10101271

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name M. GORDON CONSTRUCTION CO.

Address 1436 E. ELIZABETH AVE
LINDEN, NJ 07036

Telephone (908) 925-1123

Signature George Knowles - PROJECT MANAGER

- III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	
Electrical _____	Barrier Free _____	
Plumbing _____	Flood Hazard _____	
Fire Protection _____	As Built Elevation Cert. _____	
Mechanical _____	Other _____	

X. CERTIFICATES ISSUED (office use only)

	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 02/11/2004
Control #
Permit # 04-0357

CONSTRUCTION
PERMITS

IDENTIFICATION Block 1170 Lot 14.02

Sheet

Work Site Location 1640 ROUTE 28-01ALYSIS CENTER
Owner in Fee HERIDIAN HEALTH SYSTEM
Address 1350 CAMPUZ PARKWAY
RECTOR, NJ 07733-
Telephone (732)751-7547

Contractor LURECK CO SOUTH INC
Address 225 BRUNN POINT RD
BRICK, NJ 08723
Telephone (732)260-6011
Lic. No. or Alts. Reg. No. 8414
Federal Emp. No. 22-2209330

Is hereby granted permission to perform the following work:
[] BUILDING [] LEAD HAZARD ABATEMENT
[X] ELECTRICAL [] FIRE PROTECTION [] DEMOLITION
[] ELEVATOR DEVICES [] ASBESTOS ABATEMENT [] OTHER
(Subchapter B only)
DESCRIPTION OF WORK:
ELECTRIC

NOTE: If construction does not commence within one (1) year of date of issuance,
or if construction ceases for a period of six (6) months, this permit is void.
Estimated Cost of Work \$21,000
Construction Official: [Signature]
02/11/2004

Construction Official

Date:

U.C.C. F170 (rev. 9/93) NJ DECAS 5.24F

PAYMENTS (Office Use Only)

Building 0
Electrical 175
Plumbing 0
Fire Protection 0
Elevator Devices 0
Other 34
NJ State Permit Fee 34
Left of Occupancy 0
Other
Total 209
Check No. 15055
Cash
Collected By NIK

02/11/04 10:36AM 000000H6836
**02 SERV.002
#0357
ELECTRIC \$175.00
DCA \$34.00
CHECK \$209.00

Update for
Permit # 0357410



**ELECTRICAL
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

2-11-04
04-0357

0357410

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1170 Lot 14.02
Work Site Location Brick NJ
Owner in Fee/Occupant Brick Hospital Analysis
Address 1436 Elizabeth Ave
Linden N.J. 07036
Tele. (908) 935-1123
Contractor Robert Co South
Address 235 Ocean Point Rd
Brick NJ 08723
Tele. (732) 920-6611 Fax (732) 920-9277
Lic. No. 10431
Federal Emp. No. 222 209 32191

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
☐ Pole/Pad # _____ ☐ Temporary ☐ Other P
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 25,000

JOB SUMMARY (Office Use Only)		PLAN REVIEW		Date		Initial		INSPECTIONS		Type		Failure		Dates (Month/Day)		Initial	
☐ No Plans Required																	
Joint Plan Review Required:																	
☐ Building																	
☐ Fire																	
☐ Elec. Plans Approved																	
Date: <u>1-22-04</u>																	
Approved by: <u>[Signature]</u>																	
SUBCODE APPROVAL																	
☐ CO ☐ ECO ☐ CA																	
Date: <u>2-9-04</u>																	
Approved by: <u>[Signature]</u>																	

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature

☒ Licensed Electrical Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

QTY.	SIZE	ITEMS
		Lighting Fixtures
		Receptacles
		Switches
		Detectors
		Light Poles
		Motors—Fract. HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel
TOTAL NUMBERS		
		Pool Permit/with UV Lights
		Storable Pool/Spa/Hot Tub
		KW Elec. Range/Receptacle
		KW Over/Surface Unit
		KW Elec. Water Heater
		KW Elec. Dryer/Receptacle
		KW Dishwasher
		HP Garbage Disposal
		KW Central A/C Unit
		HP/KW Space Heater/Air Handler
		KW Baseboard Heat Ceiling
		HP Motors 1/4 HP
		KW Transformer/Generator
		AMP Service
		AMP Subpanels
		AMP Motor Control Center
		KW Elec. Sign/Outline Light

Administrative Surcharge	\$	17.5
Minimum Fee	\$	21
DCA Training Fee	\$	
TOTAL FEE	\$	209

KOHLER POWER SYSTEMS

Model: 100RZG

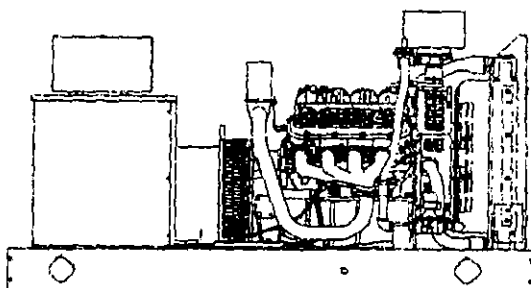
190-600 V

Gas

9001
Kohler
POWER SYSTEMS
NATIONALLY REGISTERED

Ratings Range

		60 Hz	50 Hz
Prime:	kW	71-94	62-76
	kVA	71-118	62-85
Standby:	kW	80-100	68-84
	kVA	80-125	68-105



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.
- A one-year limited warranty covers all systems and components. Two-, five-, and ten-year extended warranties are also available.
- Generator features:
 - Kohler's unique Fast-Response™ excitation system delivers the fastest voltage response in the industry.
 - The brushless, rotating-field generator has broadrange re-connectability.
 - Kohler's permanent magnet-excited generator (PMG) provides superior short-circuit capability.
- Other features:
 - A rugged industrial gas engine delivers rated power at 1800 rpm (60 Hz) and 1500 rpm (50 Hz).
 - Controllers are available for all applications. See controller features inside.
 - The electronic, isochronous governor incorporates an integrated drive-by-wire throttle body actuator delivering precise frequency regulation.

Generator Ratings

Generator	Voltage	Ph	Hz	Natural Gas		105°C Rise		LP Gas		105°C Rise	
				Standby Rating	Prime Rating	Standby Rating	Prime Rating	Standby Rating	Prime Rating	Standby Rating	Prime Rating
				kW/kVA	Amps	kW/kVA	Amps	kW/kVA	Amps	kW/kVA	Amps
4S8	120/208	3	60	80/113	312	81/101	280	100/125	347	81/114	316
	127/220	3	60	90/113	295	81/101	265	100/125	328	81/114	299
	120/240	3	60	80/113	271	81/101	243	100/125	301	81/114	274
	120/240	1	60	80/96	333	71/71	236	80/80	333	71/71	298
	138/240	3	60	90/113	271	81/101	243	100/125	301	81/114	274
	220/380	3	60	88/110	167	81/101	153	88/110	167	82/103	158
	277/480	3	60	90/113	135	81/101	121	100/125	150	91/114	137
	347/600	3	60	90/113	108	81/101	87	100/125	120	91/114	109
	110/190	3	50	78/95	289	69/86	261	80/100	304	73/91	277
	115/200	3	50	78/95	274	69/86	248	80/100	289	73/91	263
	120/208	3	50	78/95	264	69/86	239	80/100	278	73/91	253
	110/220	3	50	78/95	249	69/86	226	80/100	262	73/91	239
	110/220	1	50	69/69	314	62/62	282	70/70	318	63/63	286
	220/380	3	50	78/95	144	69/86	131	80/100	152	73/91	138
	230/400	3	50	78/95	137	69/86	124	80/100	144	73/91	131
	240/418	3	50	78/95	132	69/86	118	80/100	139	73/91	126
4S:3	120/208	3	60	100/125	347	81/114	318	100/125	347	81/114	316
	127/220	3	60	100/125	328	81/114	299	100/125	328	81/114	299
	120/240	3	60	100/125	301	81/114	274	100/125	301	81/114	274
	120/240	1	60	90/90	375	82/82	342	94/94	392	85/85	354
	138/240	3	60	100/125	301	81/114	274	100/125	301	81/114	274
	220/380	3	60	100/125	190	81/114	173	100/125	190	81/114	173
	277/480	3	60	100/125	150	81/114	137	100/125	150	81/114	137
	347/600	3	60	100/125	120	81/114	106	100/125	120	81/114	109
	110/190	3	50	80/100	304	73/91	277	88/110	334	80/100	304
	115/200	3	50	80/100	289	73/91	263	88/110	318	80/100	289
	120/208	3	50	80/100	278	73/91	253	88/110	305	80/100	278
	110/220	3	50	80/100	262	73/91	239	88/110	289	80/100	262
	110/220	1	50	72/72	327	65/65	295	81/81	368	74/74	338
	220/380	3	50	80/100	152	73/91	138	88/110	167	80/100	152
	230/400	3	50	80/100	144	73/91	131	88/110	159	80/100	144
	240/418	3	50	80/100	139	73/91	126	88/110	153	80/100	139
4V11	120/240	1	60	88/86	358	77/77	321	85/85	398	85/85	354
	110/220	1	50	72/72	327	65/65	295	78/78	355	70/70	318

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 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 2769, 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, overload power in accordance with ISO-3046/1, BS 5514, AS 2769, and DIN 6271. For limited running time and base load ratings, consult the factory. 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 DERATING:** Altitude: Derate 1.5% per 100 m (328 ft) elevation above 200 m (656 ft). Temperature: Derate 3.0% per 10°C (18°F) temperature above 25°C (77°F). For units having enclosures with air-speed silencers, add 10°C (18°F) to the ambient temperature.

G4-79 (100RZG) s02

Alternator Specifications

Specifications	Generator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Permanent-Magnet
Leads: quantity, type	
4S6, 4S13	12, Reconnectable
4V11	4, 110-120/220-240
Voltage regulator	Solid State, Volts/Hz
Insulation:	NEMA MG1
Material	Class H
Temperature rise	130°C, Standby
Bearing: quantity, type	1, Sealed
Coupling	Flexible Disc
Armature windings	Full
Voltage regulation, no-load to full-load	±2%
Unbalanced load capability	100% of Rated Standby Current
One-step load acceptance	100% of Rating
Peak motor starting kVA:	(35% dip for voltages below)
480 V, 380 V 4S6 (12 lead)	315 (60Hz), 250 (50Hz)
480 V, 380 V 4S13 (12 lead)	510 (60Hz), 370 (50Hz)
240 V, 220 V 4V11 (4 lead)	— (60Hz), — (50Hz)

- 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 generator field.
- Self-ventilated and drip-proof construction.
- Vacuum-impregnated windings with fungus-resistant epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.
- Solid-state, volts-per-hertz voltage regulator with ±2% no-load to full-load regulation.
- Fast-Response™ brushless alternator with brushless exciter for excellent load response.

Application Data

Engine

Engine Specifications	60 Hz	50 Hz
Manufacturer	General Motors	
Engine: model, type	Industrial Powertrain Vortec 8.1 L, 4-Cycle Natural Aspiration	
Cylinder arrangement	V-8	
Displacement, L (cu. in.)	8.1 (496)	
Bore and stroke, mm (in.)	108 x 111 (4.25 x 4.37)	
Compression ratio	9.1:1	
Piston speed, m/min. (ft./min.)	399 (1311)	332 (1092)
Main bearings: quantity, type	Alum. Lead Silicon Alloy	
Rated rpm	1800	1500
Max. power at rated rpm, kW (HP)	121 (162)	99 (133)
Cylinder head material	Cast Iron	
Piston type and material	Strutless Flat Top, Hypereutectic Cast Alum.	
Crankshaft material	Cast Modular Undercut Rolled Fillet	
Valve (exhaust) material	Int.-A163 Exh. Incone.	
Governor type	Electronic	
Frequency regulation, no-load to full-load	Isosynchronous	
Frequency regulation, steady state	±0.5%	
Frequency	Field-Convertible	
Air cleaner type, all models	Dry	

Exhaust

Exhaust System	60 Hz	50 Hz
Exhaust flow at rated kW, m³/min. (cfm)	20.8 (735)	15.3 (540)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	677 (1250)	
Maximum allowable back pressure, kPa (in. Hg)	10.2 (3.0)	
Exhaust outlet size at engine hookup, mm (in.)	89 (3.5)	

Engine Electrical

Engine Electrical System	60 Hz	50 Hz
Ignition system	Individual Coil Near Plug Ignition	
Battery charging alternator:		
Ground (negative/positive)	Negative	
Volts (DC)	12	
Ampere rating	70	
Starter motor rated voltage (DC)	12	
Battery, recommended cold cranking amps (CCA):		
Qty., rating for -18°C (0°F)	1, 530	
Battery voltage (DC)	12	

Fuel

Fuel System	60 Hz	50 Hz
Fuel type	LP Gas or Natural Gas	
Fuel supply line inlet	1 NPTF	
Natural gas/LPG fuel supply pressure, kPa (in. H ₂ O)	1.74-2.74 (7.0-11.0)	

Lubrication

Lubricating System	60 Hz	50 Hz
Type	Full Pressure	
Oil pan capacity, L (qt.)	7.6 (8.0)	
Oil pan capacity with filter, L (qt.)	8.0 (8.5)	
Oil filter: quantity, type	1, Cartridge	

Application Data

Cooling (Standard Radiator)

Cooling System	60 Hz	50 Hz
Ambient temperature, °C (°F)*	50 (122)	
Engine jacket water capacity, L (gal.)	10.0 (2.6)	
Radiator system capacity, including engine, L (gal.)	20.6 (5.4)	
Engine jacket water flow, Lpm (gpm)	125 (33)	102 (27)
Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.)	73 (4140)	60 (3430)
Water pump type	Centrifugal	
Fan diameter, including blades, mm (in.)	599 (23.6)	
Fan, kWm (HP)	6.7 (9.0)	3.7 (5.0)
Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O)	0.125 (0.5)	

* Enclosure with enclosed silencer reduces ambient temperature capability by 10°C (18°F).

Remote Radiator System†	60 Hz	50 Hz
Exhaust manifold type	Dry	
Connection sizes:		
Water inlet, ID hose, mm (in.)	44.45 (1.75)	
Water outlet, ID hose, mm (in.) . . .	38.10 (1.50)	
Static head allowable above engine, kPa (ft. H ₂ O)	4.32 (17.0)	

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

City Water Cooling (CWC) System	60 Hz	50 Hz
Exhaust manifold type	Dry	
System capacity, L (gal.)	—	
City water consumption at 10°C (50°F), Lpm (gpm)	—	
Connection sizes:		
Water inlet, mm (in.)	—	—
Water outlet, mm (in.)	—	—

Operation Requirements

Air Requirements	60 Hz	50 Hz
Radiator-cooled cooling air, m³/min. (scfm)‡	187 (6600)	142 (5000)
Cooling air required for generator set when equipped with CWC or remote radiator, based on 14°C (25°F) rise and ambient temperature of 28°C (85°F), m³/min. (scfm)	220 (7760)	175 (6170)
Combustion air, m³/min. (scfm)	7.1 (250)	5.1 (180)
Heat rejected to ambient air:		
Engine, kW (Btu/min.)	47.6 (2710)	36.9 (2100)
Generator, kW (Btu/min.)	13.7 (780)	12.0 (830)

‡ Air density = 1.20 kg/m³ (0.075 lbm/ft³)

Fuel Consumption§	60 Hz	50 Hz
Natural Gas, m³/hr. (cfh) at % load	Standby Rating	
100%	33.0 (1164)	28.3 (1001)
75%	25.3 (893)	21.9 (773)
50%	21.1 (745)	15.6 (552)
25%	13.2 (466)	10.2 (359)
0%	7.3 (257)	5.6 (198)
Natural Gas, m³/hr. (cfh) at % load	Prime Rating	
100%	30.2 (1065)	26.0 (918)
75%	24.1 (852)	20.2 (713)
50%	19.7 (694)	14.6 (517)
25%	12.6 (447)	8.6 (344)
0%	7.3 (257)	5.6 (198)
LP Gas, m³/hr. (cfh) at % load	Standby Rating	
100%	14.5 (511)	11.2 (398)
75%	11.4 (403)	8.6 (302)
50%	8.7 (306)	6.4 (227)
25%	5.5 (195)	4.5 (158)
0%	2.9 (104)	2.2 (79)
LP Gas, m³/hr. (cfh) at % load	Prime Rating	
100%	13.4 (472)	10.3 (362)
75%	10.7 (377)	8.0 (282)
50%	8.1 (285)	6.1 (215)
25%	5.3 (187)	4.3 (151)
0%	2.9 (104)	2.2 (76)

§ Fuel consumption is based on 1015 Btu/standard cu. ft. natural gas.

Controllers



Available Controllers

Decision-Maker™ 560 Controller

Audiovisual annunciation with NFPA 110 Level 1 capability. Programmable microprocessor logic and digital display features. Generator safeguard circuit protection. 12- or 24-volt engine electrical system capability. Remote start, remote annunciation, and remote communication options. Refer to G6-46 for additional controller features and accessories.

Decision-Maker™ 3+, 16-Light Controller

Audiovisual annunciation with NFPA 110 Level 1 capability. Microprocessor logic, AC meters, and engine gauge features. 12- or 24-volt engine electrical system capability. Remote start, prime power, and remote annunciation options. Refer to G6-30 for additional controller features and accessories.

KOHLER CO., Kohler, Wisconsin 53044 USA
 Phone 920-585-3381, Fax 920-456-1646
 For the nearest sales and service outlet in the
 US and Canada, phone 1-800-544-2444
 KohlerPowerSystems.com

Kohler Power Systems
 Asia Pacific Headquarters
 7 Jurong Pk Road
 Singapore 618159
 Phone (65)264-6422, Fax (65)264-6455

Standard Features and Accessories

Additional Standard Features

- Alternator Protection (standard with Decision-Maker™ 550)
- Battery Rack and Cables
- Electronic, Isochronous Governor
- Integral Vibration Isolation
- Oil Drain Extension
- Operation and Installation Literature
- Pilot-Excited, Permanent-Magnet Generator (PMG)

Accessories

Enclosed Unit

- ☐ Weather Housing (includes critical silencer, mounting, tailpipe, and skid end caps)
- ☐ Sound Enclosure

Open Unit

- ☐ Exhaust Silencer, Critical (kits: PA-324292, FA-324470)
- ☐ Flexible Exhaust Connector, Stainless Steel

Cooling System

- ☐ Block Heater
- ☐ City Water Cooling
- ☐ Radiator Duct Flange
- ☐ Remote Radiator Cooling

Fuel System

- ☐ Flexible Fuel Lines
- ☐ Gas Strainer
- ☐ LP Gas Liquid Withdrawal
- ☐ Manual Valve
- ☐ Secondary Gas Solenoid Valve

Electrical System

- ☐ Battery
- ☐ Battery Charger, Equalize/Float Type
- ☐ Battery Heater

Engine and Generator

- ☐ Air Cleaner Restrictor Indicator
- ☐ Bus Bar Kits
- ☐ CSA Certification
- ☐ Generator Strip Heater
- ☐ Line Circuit Breaker (NEMA1 enclosure)
- ☐ Line Circuit Breaker with Shunt Trip (NEMA1 enclosure)
- ☐ Optional Generators
- ☐ Rated Power Factor Testing
- ☐ Rodent Guards
- ☐ Safeguard Breaker (not available with Decision-Maker™ 550)
- ☐ Voltage Regulation, 1%
- ☐ Voltage Regulator Sensing, Three-Phase

Literature and Maintenance

- ☐ General Maintenance Literature Kit
- ☐ Maintenance Kit (includes standard air, oil, and fuel filters)
- ☐ NFPA 110 Literature
- ☐ Overhaul Literature Kit
- ☐ Production Literature Kit

Controller

- ☐ Common Failure Relay Kit
- ☐ Communication Products and PC Software (Decision-Maker™ 550 controller only)
- ☐ Customer Connection Kit
- ☐ Dry Contact Kit (isolated alarm)
- ☐ Engine Prealarm Sender Kit
- ☐ Local Emergency Stop Kit
- ☐ Prime Power Switch (Decision-Maker™ 550 controller only)
- ☐ Remote Annunciator Panel
- ☐ Remote Audiovisual Alarm Panel
- ☐ Remote Emergency Stop Kit
- ☐ Remote Mounting Cables
- ☐ Run Relay Kit

Miscellaneous Accessories

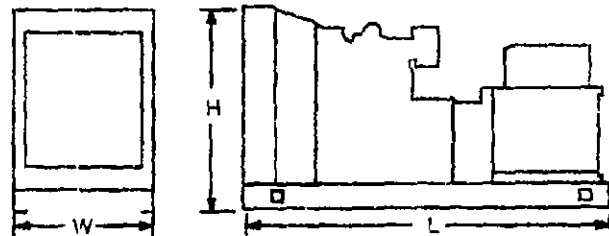
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Dimensions and Weights

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

Wide Skid 2400 x 1040 x 1484 (94.5 x 40.9 x 58.4)
 Narrow Skid 2400 x 885 x 1484 (94.5 x 34.1 x 58.4)

Weight (radiator model), wet, kg (lb.): 1134 (2500)

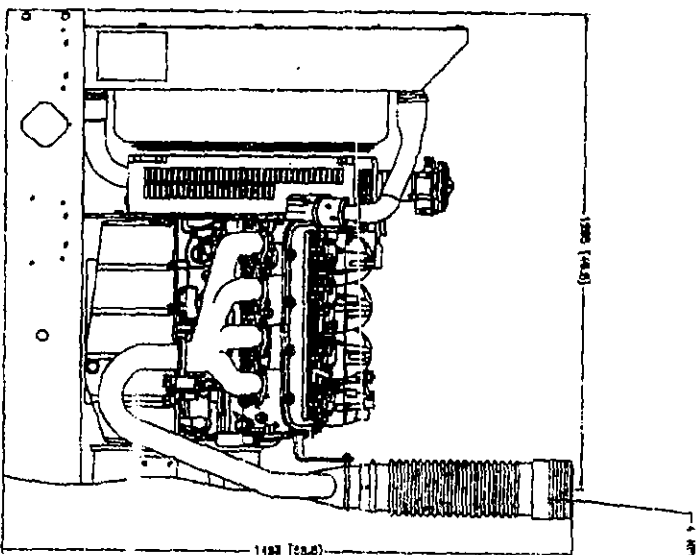


NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

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METRIC CAD FILE

80/100 miles
RECOMMENDED 2 600 V ALTERNATOR

00/1100 MODEL
D V ALTIMETER

115

電報

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DONE

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TOTAL P.27