

**COUNCIL MEETING AGENDA REQUEST FORM**

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COUNCIL MEETING DATE: May 26, 2020

SUBJECT/REASON FOR AGENDA ITEM: \_\_\_\_\_

Temporarily Alcohol Permit Waiver  | Open Container Law Waiver   
Other: \_\_\_\_\_

***Please be specific about the reason to be on the agenda.***

A resolution to purchase Model 300REOZJ KOHLER Emergency Generator from RP Power in the Amount of \$52,835.00 RFP 20-20 (Water & Sewer Department)

Requested By: Purchasing  
NAME: Jana Thurman Soileau  
ADDRESS \_\_\_\_\_  
PHONE # \_\_\_\_\_ CELL PHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_ FAX: \_\_\_\_\_

Please note that the Hammond City Council meets the Second and Fourth Tuesday of the Month at 5:30pm, 312 East Charles Street, Hammond, LA 70401, All requests have to be submitted to the City Council Clerk by the Wednesday prior of the meeting no later than 4:30pm, All requests can be submitted electronically to banks\_tm@hammond.org or fax (985) 277-5611. If you have any questions please call (985) 277-5610

**BELOW TO BE FILLED OUT BY COUNCIL CLERK**

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DATE RECEIVED: \_\_\_\_\_ TIME RECEIVED: \_\_\_\_\_

Council Clerk: Tonia Banks Agenda Item Number \_\_\_\_\_

Approved: \_\_\_\_\_ (Yes) \_\_\_\_\_ (No)

Remarks: \_\_\_\_\_

Carlee Gonzales  
Council President

\_\_\_\_\_  
Tonia Banks

\_\_\_\_\_  
Date

**RFP 20-20**  
**MTU ONSITE DIESEL GENERATOR MODEL # DS300 OR EQUIVALENT**  
**CITY OF HAMMOND**

**May 18, 2020**  
**10:00 a. m.**

**Received (6) Six bids:**

<b><u>Company</u></b>	<b><u>MTU Onsite Energy diesel</u> <u>Generator Model # DS300 Or</u> <u>Equivalent</u> <u>Total</u></b>
<b>Cummins, Inc.</b>	<b>\$62,940.00</b>
<b>Larmar Industries</b>	<b>\$55,959.65</b>
<b>Taylor Power Systems</b>	<b>\$59,600.00</b>
<b>Stewart &amp; Stevenson Power Products ,LLC</b>	<b>\$59,438.00</b>
<b>RP Power</b>	<b>\$52,835.00</b>
<b>Technology International ,Inc.</b>	<b>\$66,000.00</b>

**Bids were due in by 10:00 a. m. Monday, May 18, 2020**

**Present at bid:**

**Jana Soileau, Purchasing Manager**

**Krystle Noto, Assistant Purchasing Agent**

**Jason Centola, Stewart & Stevenson Power Products, LLC**



**City of Hammond  
Purchasing Department**

**RFP 20-20**

**MTU Onsite Energy Diesel Generator Model # DS300  
Or Equivalent**

Proposals shall be received by

**Purchasing Department  
City of Hammond  
310 E Charles St  
Hammond LA 70401-3324**

until

**10:00 a.m. Monday, May 18, 2020**

at which time Proposals shall be opened and read aloud.

Advertisement in the City's Official Journal of Record, *The Daily Star*, to be published:  
April 21, April 25, and May 5, 2020.

Copies of this RFP may be downloaded from the City's website: [www.hammond.org](http://www.hammond.org).

For additional information or to submit questions or concerns, contact

Purchasing Manager Jana Thurman  
985-277-5633 or [thurman\\_je@hammond.org](mailto:thurman_je@hammond.org)

## **INSTRUCTIONS TO PROPOSERS**

### **General**

It is the Proposer's responsibility to review this RFP—including these preliminary pages, the Specifications, any included Drawings, and any future Addenda—and to submit questions or concerns about this RFP as early as possible during the proposal period. Questions or concerns must be submitted to

Purchasing Manager Jana Thurman  
985-277-5633 or [thurman\\_je@hammond.org](mailto:thurman_je@hammond.org)

and shall become part of the Proposer's proposal. Proposer's who do NOT submit questions or concerns shall be assumed to accept this RFP as clear and the RFP process as competitive. Protests of the RFP or RFP process shall NOT be considered after Proposals are opened.

RFPs are advertised in the City's Official Journal of Record, *The Daily Star*, and published to the City's website, [www.hammond.org](http://www.hammond.org), from which copies may be downloaded.

This RFP has been/shall be so advertised and published.

**It is NOT the City's responsibility to ensure Proposers receive a copy or notice of this RFP.**

### **Proposals**

Proposals shall be accepted only on the form(s) furnished with this RFP. Substitute, altered, or incomplete forms shall NOT be accepted.

All Proposals must be typed or printed in blue or black ink. Manual corrections are acceptable when they are few and minor and initialed by the Proposer. Uninitiated corrections shall be cause for a Proposal's rejection.

All Proposals must be signed. Failure to sign a Proposal shall be cause for its rejection.

**The RFP Number, Proposer's Name, Proposer's Address, Proposer's Louisiana Contractor License Number, and RFP Opening Date** must be clearly typed or printed on the outside of the Proposal envelope if delivered by mail. Only one (1) Proposal shall be accepted from each Proposer. Alternates shall NOT be accepted unless specifically requested/allowed in the RFP. Proposals may be delivered by mail, fax or email.

### **Bid Bonds**

Normally, Bid Bonds shall NOT be required on materials, supplies, small labor, or annual contracts. If a Bid Bond is required, the requirement/form shall appear in the RFP.

## **INSTRUCTIONS TO THE SELECTED CONTRACTOR**

### **Liability Insurance Requirements**

At all times during the term of the Contract, the Contractor must maintain and pay for property damage and public liability insurance with limits of at least one million dollars (\$1,000,000) inclusive of bodily injury and property damage for any one occurrence.

Prior to commencing work, the Contractor must file with the City a "certificate of insurance" meeting the aforementioned requirements and listing the City of Hammond as a named insured by added endorsement. Any cost associated with this addition shall, like the cost of the insurance itself, be paid by the Contractor.

The Contractor shall assume the defense of and indemnify and save harmless the City, its Officers, and Agents from and against any and all damages, losses, claims, demands, payments, suits, actions, recoveries, attorney fees, and judgments relating to the Contract.

The Contractor shall be responsible for any and all damages, claims for damages, injuries, or accidents done or caused by the Contractor or the Contractor's employees or resulting from the execution of any work or any operation or caused by reason of existence, location, or condition of facilities or of any materials, supplies, or machinery used thereon or therein or neglect or omission on the Contractor or the Contractor's employees' part or all of the several acts or things required to be done by them under and by these conditions and covenants.

### **Workers' Compensation Requirements**

The Contractor shall pay or cause to be paid all assessments and compensations required by the Workers' Compensation Act. The Contractor shall provide evidence that all assessments and compensations payable to the Workers' Compensation Board up to and including the date of the Contract have been paid. The City may, at any time during the Contract or at the completion of the Contract, require further evidence that such assessments and compensations have been paid.

## **SPECIFICATIONS**

One MTU Onsite Energy Diesel Generator Model # DS300 or Equivalent, rated 300 kw Standby, 480 Volts, 3 Phase, 60 Hertz, 0.8 Power Factor at 1800 RPM.

### **Diesel Engine:**

- Fuel Oil Filter
- Air Cleaners, Dry Type
- 50 degree Unit Mounted radiator
- Electric Starting, 24 volts
- Lube Oil Cooler and filter
- Electronic governor
- Flex Fuel Lines

**A.C. Generator:** Single Bearing, Direct Connected, equipped with the following:

- 130 degree Temperature Rise
- PMG Excitation
- Digital Voltage Regulator
- Generator Strip Heater

**Control Panel:** DGC-, NFPA-110 compatible, NEMA-1 enclosure, including the following equipment:

-Remote Emergency Stop

**Line circuit breaker:** 500 amps, 3 pole, 100 % rated, unit mounted and wired, UL listed

**Engine Block Heater:** 208 volts, 1 phase, 2500 watts, installed with thermostat and isolation valves.

**Battery Charger:** 24 volt, 10 amps, mounted and wired on generator.

**Starting Batteries:** Industrial, heavy duty, lead acid type

**Vibration Isolators:** Pad-type for installation under generator mounting base and mounting surface-shipped loose

**Exhaust silencer:** Critical Grade, with rain cap and flex connection

**Double Walled Sub-Based Tank:** UL 142 rated at 24 hours capacity at 100% load, 530 gallons

**Enclosure:** Weather/Steel, 130 MPH wind rating

**Automatic Transfer Switch:** 400 amp, 480 volts, 3 phase, 3 pole, Delayed Transition, NEMA-3R enclosure.

**O & M Manuals:** 2 hard copy and 1 electronic copy.

**Warranty:** Two year, 3000 hours

**8 hour start-up and training.**

**FOB delivery**

**This is the Proposal of:**

Date: May 18<sup>th</sup>, 2020  
Company: RP Power  
Section 3 Business/WBE/SBE/MBE/DBE: \_\_\_\_\_  
Address: 509 Time Saver Ave  
City: Elmwood State: LA ZIP Code: 70123  
Person to Contact: Trey Arcement  
Phone: 225-788-1208 Fax: \_\_\_\_\_  
Email: trey@rppower.com

**Your Proposal is important to us.**

However, should you choose NOT to submit a Proposal for this project, the City would still ask you to complete this sheet and indicate "No Proposal" for your Proposal Amount. This shall NOT affect your participation in future RFPs, but only serve as a means of verifying you received notification of this RFP.

**Section 3 Business/WBE/SBE/MBE/DBE**

The City encourages Proposals from Section 3 businesses, Woman Business Enterprises, Minority Business Enterprises, Small Business Enterprises, and other potentially Disadvantaged Business Enterprises. If your company is one of these types of businesses, please indicate "Section 3," "WBE," "SBE," "MBE," or "DBE" in the space provided above.

**Nondiscrimination Requirements**

By submitting and signing this Proposal, the Proposer agrees to comply with Title VI and VII of the Civil Rights Act of 1964 as amended; the Vietnam Era Veterans Readjustment Assistance Act of 1974; Section 503 of the Rehabilitation Act of 1973; Section 202 of Executive Order 11246 as amended; and the Americans with Disabilities Act of 1990.

The Proposer also agrees to keep informed of and comply with all federal, State, and local laws, ordinances, and regulations which affect the Proposer's employees or prospective employees.

**Proposer agrees to FOB deliver Equipment and services described by the Proposal Specifications for the sum indicated: Amounts shall be shown in words and digits, In case of discrepancy, words shall govern.**

Total Price Fifty Two Thousand Eight Hundred thirty Five + <sup>00</sup>/<sub>100</sub>  
(\$ 52,835.00)

Signature of Bidder Ty Ascent  
Company Name RP Power

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Quoted By: **Trey Arcemont**  
 RP Power, LLC  
 509 Time Saver Avenue  
 Elmwood, LA 70123  
 Email: [trey@rppower.com](mailto:trey@rppower.com)

# Proposal

DATE: MAY 17, 2020  
 PROPOSAL: Q20-26641777

Project Name: City of Hammond-300kW					
PHONE	FAX	WEBSITE	SHIP VIA	FOB POINT	TERMS
225-788-1208	501.604.3033	<a href="http://www.rppower.com">www.rppower.com</a>	Common Carrier	Kohler WI - freight included to jobsite	See Terms Attached
<b>QTY</b>	<b>KOHLER EMERGENCY GENERATOR SET</b>				<b>PRICE</b>
1	Model: 300REOZJ Rating: 300 kW @ 277/480V, 3Ø Engine: Diesel Fueled Engine, 1800 RPM, EPA Certified for Emergency Standby Operation, 50 Degree C Tank: 546 Gallon, UL142 Listed Subbase with Secondary Containment. Full load run time: 24.6 Hours Breaker: 600A Main, 3-Pole, Square-D, 100% Rated with Electronic Trip Adjusted to 500A at Startup Controller: Kohler APM402 Digital Control Panel, meets NFPA-110 Level 1 Accessories: Run Relay, Alternator Heater, 2 input / 5 output Module, Vibration Pads, Remote E-Stop Compliance: NFPA-110 Level 1, UL2200 Enclosure: Weather Protective, Steel Construction (150 MPH Wind Rating) Silencer: Critical Grade, Internally Mounted Within Enclosure Coolant Heater: 2500 Watt (208V 1Ø AC power is required from utility) Charger: 24 Volt-10A with NFPA-110 Alarms (120 or 240VAC 1Ø power required from utility) Included: Air Cleaner Restriction Indicator Testing: Kohler factory test with generator operating at 100% full load and 0.8 Power Factor Warranty: 5-Year, 3000 Hour Limited Warranty from date of initial startup				\$52,835.00
<b>QTY</b>	<b>EATON AUTOMATIC TRANSFER SWITCH</b>				<b>PRICE</b>
1	Model: ATC3C5X30400XRU Rating: 400 Amps @ 277/480V, 3Ø with a 3-Pole Solid Neutral Controller: ATC-300+ Enclosure: Nema 3R (outdoor) enclosure Included: Inphase Monitor (controls transfer between two energized sources within +/- 5°) Warranty: Eaton 2 Year Warranty				Included in Above
<b>TOTAL for all equipment listed above:</b>					<b>\$52,835.00</b>
<b>PROJECT MANAGEMENT AND ON-SITE STARTUP SERVICES</b>					
<p>Technical information including product specifications, dimensional data, and electrical schematic drawings. Operation and maintenance manuals, 2 copy is provided with equipment (additional copies are available via download at no additional charge).</p> <p>Standard Startup Services by a Kohler factory trained and authorized field service technician includes engine fluids, starting battery(s), building load test &amp; owner training. These startup services include a single round-trip site visit to the jobsite. All electrical/mechanical connections must be completed prior to this site visit and all personnel that require training must be present. Additional visits due to an incomplete installation and/or to provide additional customer training is an additional cost and not included in this proposal. These startup services are based on the work being performed between 8AM-4PM Monday-Friday and does not include overtime or holiday rates. A completed pre-startup checklist must be received by our service dept prior to scheduling the start-up services. Startup must occur within 24 months of original shipment by Kohler.</p>					
<b>SPECIAL NOTES</b>					
<p>Please review the attached Terms and Conditions. <b>PRICES DO NOT INCLUDE SALES TAX.</b> This proposal is valid for 60 days. Also not included is the concrete mounting pad, off-loading and/or setting of equipment at the jobsite, mechanical or electrical installation, fuel, pressure regulators, fuel pipe/fittings, and fuel tank/piping pressure testing. This equipment &amp; services are being quoted per bid specifications and drawings.</p>					
<b>LEADTIME</b>					
Based on the 5/17/20 production schedule, the genset will ship in 16 weeks, the ATS will ship in 6 weeks. This does not include time in transit.					
<b>APPROVAL</b>					
<p>I hereby authorize RP Power, LLC to use this form as a bona fide purchase order of the equipment shown above, which clearly establishes definite price and specifications of material ordered. The person signing is an authorized signing agent for the customer and in doing so according to RP Power's terms and conditions. Once this document is executed, cancellation charges may apply if this order is cancelled in part or whole.</p> <p>Check One:</p> <p>Hold for Submittal approval: <input type="checkbox"/></p> <p>Release for Manufacturing: <input type="checkbox"/></p>					
_____ Authorized Signature			_____ Date		_____ PO #

# TERMS AND CONDITIONS

RP Power, LLC is herein referred to as the "Seller" and the customer purchasing goods and/or services ("Goods") from Seller is referred to as the "Buyer." These Terms and Conditions, any price list or schedule, quotation, acknowledgment, Seller's scope of work, or invoice from Seller relevant to the sale of the Goods and all documents incorporated by specific reference herein or therein, constitute the complete and exclusive statement of the terms of the agreement governing the sale of Goods by Seller to Buyer. Seller's acceptance of Buyer's purchase order is expressly conditional on Buyer's assent to all of Seller's terms and conditions of sale, including terms and conditions that are different from or additional to the terms and conditions of Buyer's purchase order. Buyer's acceptance of the Goods will manifest Buyer's assent to these Terms and Conditions. Seller reserves the right in its sole discretion to refuse orders.

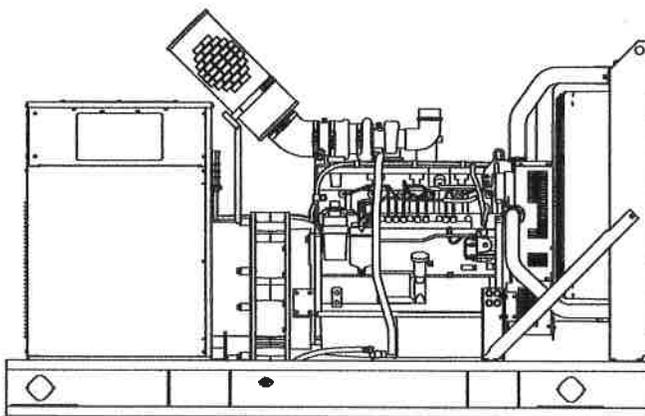
1. **PRICES:** The price quoted shall remain in effect for sixty (60) days of the proposal date provided an unconditional authorization from Buyer is received and accepted by Seller within this period. Prices do not include applicable sales taxes which will be added at the time of invoicing.
2. **TAXES:** Current or future taxes (or increase in same) which Seller is required to pay or collect in connection with this sale shall be added to the price and/or billed to Buyer separately at the Seller's election.
3. **TERMS OF PAYMENT:** Seller shall not be bound to any order containing retainages. Full payment is due according to the terms set forth herein. If no payment terms are otherwise specified, then the terms shall be: 100% NET 10 days. If the buyer wishes to use a Visa or MasterCard as the form of payment, a 5% convenience fee will be added to the total invoice amount. Discover and American Express cards are not accepted. Seller shall have the right to terminate this agreement or to suspend further performance under this agreement if Buyer fails to make payments when due. Buyer shall be liable for all expenses, including attorneys' fees, relating to the collection of past due amounts. If any payment owed to Seller is not paid when due, it shall bear interest, at a rate to be determined by Seller, which shall not exceed the maximum rate permitted by law, from the date on which it is due until it is paid. Should Buyer's financial responsibility become unsatisfactory to Seller, cash payments or security satisfactory to Seller may be required by Seller for future deliveries of Goods. If such cash payment or security is not provided, Seller may discontinue deliveries. Buyer hereby grants Seller a security interest in all Goods sold to Buyer by Seller, which security interest shall continue until all such Goods are fully paid for, and Buyer, upon Seller's demand, will execute and deliver to Seller such instruments as Seller requests to protect and perfect such security interest.
4. **SHIPMENT AND DELIVERY:** While Seller will use all reasonable commercial efforts to maintain the delivery and/or performance date(s) quoted by Seller, all shipping dates and/or performance dates are approximate and not guaranteed. Seller reserves the right to make partial shipments. Seller shall not be bound to tender delivery of any Goods, for which Buyer has not provided shipping instructions and other required information. If the shipment of the Goods is postponed or delayed by Buyer for any reason, Buyer agrees to reimburse Seller for any and all storage costs and other additional expenses resulting there from. Risk of loss and legal title shall pass from Seller to Buyer upon delivery to and receipt by carrier at Seller's shipping point. All shipments of Goods are F.O.B. Seller's shipping point. Any claims for shortages or damages suffered in transit are the responsibility of Buyer and shall be submitted by Buyer directly to the carrier. Shortages or damages must be identified and signed for at the time of delivery. Any claims for shortage must be made promptly for any consideration. The Buyer agrees to inspect all goods upon delivery, and specifically agrees that forty-eight (48) hours after delivery shall constitute a reasonable period for inspection of goods. The undersigned agrees to accept as conforming any goods not rejected within forty-eight (48) hours after delivery. The Buyer agrees that notice of rejection must be in writing to be effective.
5. **LIMITED WARRANTY:** The Goods are manufactured and inspected with care by experienced craftsmen. The Manufacturer warrants, for the period indicated within the Proposal, each product to be free from defects in materials and workmanship. repair, replacement, or appropriate adjustment at the Manufacturer's option will be furnished if the product, upon the Seller's inspection, is found to be properly installed, maintained, and operated in accordance with Manufacturer's instruction manuals. The Seller or Seller's authorized representative must perform startup. The warranty does not apply to malfunctions caused by damage, unreasonable use, misuse, repair or service by unauthorized persons, or normal wear and tear. For more information regarding the specific Manufacturer's warranty coverage applicable to the Goods within this Proposal, refer to the applicable Warranty Technical Publication which will be made available by the Seller upon request.
6. **LIMITATION OF LIABILITY:** The sole and exclusive remedy for breach of any warranty hereunder shall be limited to repair, correction or replacement at Seller's election. Seller shall not be liable for damages caused by delay in performance and the remedies of Buyer set forth in this agreement are exclusive. In no event, regardless of the form of the claim or cause of action (whether based in contract, infringement, negligence, strict liability, other tort or otherwise), shall Seller's liability to Buyer and/or its customers exceed the price paid by Buyer for the specific Goods, provided by Seller giving rise to the claim or cause of action.
7. **BUYER AGREES THAT SELLER'S LIABILITY SHALL NOT EXTEND TO INCLUDE INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES.** The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, business interruption, loss of use, revenue, reputation and data, costs incurred, including without limitation, for capital, fuel, power and loss or damage to property or equipment. It is expressly understood that any technical advice furnished by Seller with respect to the use of the Goods is given without charge, and Seller assumes no obligation or liability for the advice given, or results obtained, all such advice being given and accepted at Buyer's risk.
8. **EXCLUDE OF PERFORMANCE:** Seller shall not be liable for delays in performance or for non-performance due to acts of God; acts of Buyer; war; epidemic; fire; flood; weather; sabotage; strikes or labor disputes; civil disturbances or riots; governmental requests, restrictions, allocations, laws, regulations, orders or actions; unavailability of or delays in transportation; default of suppliers; or unforeseen circumstances or any events or causes beyond Seller's reasonable control. Deliveries or other performance may be suspended for an appropriate period of time or canceled by Seller upon notice to Buyer in the event of any of the foregoing, but the balance of the agreement shall otherwise remain unaffected as a result of the foregoing. If Seller determines that its ability to supply the total demand for the Goods, or to obtain material used directly or indirectly in the manufacture of the Goods, is hindered, limited or made impracticable due to causes set forth in the preceding paragraph, Seller may allocate its available supply of the Goods and/or such material (without obligation to acquire other supplies of any such Goods, or material) among its purchasers on such basis as Seller determines to be equitable without liability for any failure of performance which may result there from.
9. **CANCELLATION:** The Buyer may cancel an order only upon written notice and upon payment to Seller of Seller's cancellation charges which includes but is not limited to the following products:
  1. An order for a standard product that is regularly inventoried by Seller may be cancelled within 1 week of the original purchase order date with no cancellation fee and within 2 weeks of the original purchase order date with a charge of 5% of selling price.
  2. An order for a standard product that is not regularly inventoried by Seller may be cancelled within 2 weeks of the original order date with a charge of 15% of the selling price plus a charge for unique parts, and within 3 weeks of the original purchase order date with a charge of 25% of selling price plus a charge for unique parts.
  3. An order for custom designed products (such as but not limited to bypass isolation, service entrance rated, and closed transition automatic transfer switches, parallel switchgear and engineered special products) are not cancellable once a purchase order has been received.
  4. In all cases, if the product has already been shipped at the time the order is cancelled, the Buyer is also responsible for paying all shipping costs that have been incurred and the equipment must be returned in new condition and in its original shipping box, crate, or container. Seller's determination of such cancellation charges shall be conclusive.
10. **CHANGES:** Buyer may request changes or additions to the Goods consistent with Seller's specifications and criteria. In the event such changes or additions are accepted by Seller, Seller may revise the price and dates of delivery and/or performance dates. Seller reserves the right to change designs and specifications for the Goods without prior notice to Buyer. Seller shall have no obligation to install or make such change in any Goods manufactured prior to the date of such change.
11. **BILLABLE SERVICES:** Additional charges will be billed to Buyer at Seller's then prevailing labor rates for any of the following: a) any services not specified in Seller's quotation or subsequent engineering submittal; b) any services performed at times other than Seller's normal service hours; c) if reasonable site and/or equipment access is denied the Seller service representative; and d) if it is necessary, due to local circumstances, to hire an outside contractor, Seller service personnel will provide supervision only and the cost of such contract labor will be charged to Buyer.
12. **GENERAL PROVISIONS:** These terms and conditions supersede all other communications, negotiations and prior oral or written statements regarding the subject matter of these terms and conditions. No change, modification, rescission, discharge, abandonment, or waiver of these terms and conditions shall be binding upon the Seller unless made in writing and signed on its behalf by a duly authorized representative of Seller. No conditions, usage of trade, course of dealing or performance, understanding or agreement purporting to modify, vary, explain, or supplement these terms and conditions shall be binding unless hereafter made in writing and signed by the party to be bound, and no modification or additional terms shall be applicable to this agreement by Seller's receipt, acknowledgment, or acceptance of purchase orders, shipping instruction forms, or other documentation containing terms at variance with or in addition to those set forth herein. Any such modifications or additional terms are specifically rejected and deemed a material alteration hereof. If this document shall be deemed an acceptance of a prior offer by Buyer, such acceptance is expressly conditional upon Buyer's assent to any additional or different terms set forth herein. No waiver by either party with respect to any breach or default or of any right or remedy, and no course of dealing, shall be deemed to constitute a continuing waiver of any other breach or default or of any other right or remedy, unless such waiver be expressed in writing and signed by the party to be bound. All typographical or clerical errors made by Seller in any quotation, acknowledgment or publication are subject to correction.



**Tier 3 EPA-Certified for Stationary Emergency Applications**

### Ratings Range

Standby:	60 Hz	
	kW	kVA
	280- 300	350- 375



### 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 emergency generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- A one-year limited warranty covers all generator set systems and components. Two- and five-year extended limited warranties are also available.
- Alternator features:
  - The unique Fast-Response® II excitation system delivers excellent voltage response and short-circuit capability using a permanent magnet (PM)-excited alternator.
  - The brushless, rotating-field alternator has broadrange reconnectability.
- Other features:
  - Kohler designed controllers for one-source system integration and remote communication. See Controllers on page 3.
  - The low coolant level shutdown prevents overheating (standard on radiator models only).
  - Integral vibration isolation eliminates the need for under-unit vibration spring isolators.
  - An electronic, isochronous governor delivers precise frequency regulation.
  - Mount up to two circuit breakers to allow circuit protection of selected priority loads.

### Generator Set Ratings

Alternator	Voltage	Ph	Hz	130°C Rise Standby Rating	
				kW/kVA	Amps
4UA13	120/208	3	60	300/375	1041
	127/220	3	60	300/375	984
	120/240	3	60	300/375	902
	139/240	3	60	300/375	902
	220/380	3	60	280/350	532
	240/416	3	60	300/375	520
	277/480	3	60	300/375	451
	347/600	3	60	300/375	361

RATINGS: All three-phase units are rated at 0.8 power factor. Standby Ratings: 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-8528-1 and ISO-3046-1. Obtain technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

## Application Data

### Cooling

Radiator System	
Ambient temperature, °C (°F)*	50 (122)
Engine jacket water capacity, L (gal.)	16 (4.25)
Radiator system capacity, including engine, L (gal.)	36 (9.5)
Engine jacket water flow, Lpm (gpm)	265 (70)
Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.)	114 (6489)
Heat rejected to air charge cooler at rated kW, dry exhaust, kW (Btu/min.)	99.1 (5641)
Water pump type	Centrifugal
Fan diameter, including blades, mm (in.)	863.6 (34.0)
Fan, kWm (HP)	9 (12.1)
Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H <sub>2</sub> O)	0.125 (0.5)

\* Enclosure with internal silencer reduces ambient temperature capability by 5°C (9°F).

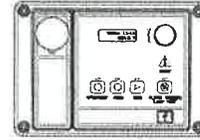
### Operation Requirements

Air Requirements	
Radiator-cooled cooling air, m <sup>3</sup> /min. (scfm)†	396.4 (14000)
Combustion air, m <sup>3</sup> /min. (cfm)	26.5 (936)
Heat rejected to ambient air:	
Engine, kW (Btu/min.)	60.8 (3460)
Alternator, kW (Btu/min.)	23.9 (1360)

† Air density = 1.20 kg/m<sup>3</sup> (0.075 lbm/ft<sup>3</sup>)

Fuel Consumption	
Diesel, Lph (gph) at % load	Standby Rating
100%	84.1 (22.2)
75%	67.7 (17.9)
50%	49.7 (13.1)
25%	26.3 (7.0)

## Controllers



### APM402 Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Digital display and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with ±0.5% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-161 for additional controller features and accessories.



### APM603 Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Graphic display with touch screen and menu control provides easy local data access
- Measurements are selectable in metric or English units
- Paralleling capability with first-on logic, synchronizer, kW and kVAR load sharing, and protective relays  
Note: Parallel with other APM603 controllers only
- Generator management to turn paralleled generators off and on as required by load demand
- Load management to connect and disconnect loads as required
- Controller supports Modbus® RTU, Modbus® TCP, SNMP and BACNet®
- Integrated voltage regulator with ±0.25% regulation
- Built-in alternator thermal overload protection
- UL-listed overcurrent protective device
- NFPA 110 Level 1 capability

Refer to G6-162 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  
Note: Parallel with other Decision-Maker® 6000 controllers only
- 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.

Modbus® is a registered trademark of Schneider Electric.

# Alternator Specifications

Specifications	Alternator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Permanent-Magnet
Leads: quantity, type	12, Reconnectable
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
Amortisseur windings	Full
Voltage regulation, no-load to full-load	Controller Dependent
One-step load acceptance	100% of Rating
Unbalanced load capability	100% of Rated Standby Current
Peak motor starting kVA:	(35% dip for voltages below)
480 V	4UA13 (12 lead)
	980 (60Hz)

- 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.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.
- Fast-Response® II brushless alternator with brushless exciter for excellent load response.

## Application Data

### Engine

Engine Specifications	
Engine manufacturer	John Deere
Engine model	6090HFG86
Engine type	4-Cycle, Turbocharged, Charge Air-Cooled
Cylinder arrangement	6, Inline
Displacement, L (cu. in.)	9.0 (548)
Bore and stroke, mm (in.)	118.4 x 136 (4.65 x 5.35)
Compression ratio	16.0:1
Piston speed, m/min. (ft./min.)	457 (1500)
Main bearings: quantity, type	7, Replaceable Insert
Rated rpm	1800
Max. power at rated rpm, kWm (BHP)	345 (463)
Cylinder head material	Cast Iron
Crankshaft material	Forged Steel
Valve material	
Intake	Chromium-Silicon Steel
Exhaust	Stainless Steel
Governor: type, make/model	JDEC Electronic L14
Frequency regulation, no-load to full-load	Isochronous
Frequency regulation, steady state	±0.25%
Frequency	Fixed
Air cleaner type, all models	Dry

### Exhaust

Exhaust System	
Exhaust manifold type	Dry
Exhaust flow at rated kW, m <sup>3</sup> /min. (cfm)	63.6 (2246)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	497 (927)
Maximum allowable back pressure, kPa (in. Hg)	Min. 0 (0) Max. 7.5 (2.2)
Engine exhaust outlet size, mm (in.)	98 (3.86)

### Engine Electrical

Engine Electrical System		
Battery charging alternator:		
Ground (negative/positive)		Negative
Volts (DC)		24
Ampere rating		45
Starter motor rated voltage (DC)		24
Battery, recommended cold cranking amps (CCA):		
Qty., CCA rating each		Two, 950
Battery voltage (DC)		12

### Fuel

Fuel System		
Fuel supply line, min. ID, mm (in.)		11 (0.44)
Fuel return line, min. ID, mm (in.)		6 (0.25)
Max. lift, fuel pump: type, m (ft.)		Electronic 3 (10)
Max. fuel flow, Lph (gph)		240 (63.4)
Max. return line restriction, kPa (in. Hg)		20 (5.9)
Fuel prime pump		Electronic
Fuel filter		
Secondary		2 Microns @ 98% Efficiency
Primary		10 Microns
Water Separator		Yes
Recommended fuel		#2 Diesel

### Lubrication

Lubricating System		
Type		Full Pressure
Oil pan capacity, L (qt.) §		32.5 (34.4)
Oil pan capacity with filter, L (qt.) §		33.4 (35.3)
Oil filter: quantity, type §		1, Cartridge
Oil cooler		Water-Cooled
§ Kohler recommends the use of Kohler Genuine oil and filters.		

## Standard Features

- Alternator Protection
- Battery Rack and Cables
- Customer Connection  
(standard with Decision-Maker® 6000 controller only)
- Local Emergency Stop Switch
- Oil Drain Extension
- Operation and Installation Literature

## Available Options

### Circuit Breakers

- | Type  | Rating                        | Operation  |
|---|-------------------------------|--|
| <input type="checkbox"/> Magnetic Trip                            | <input type="checkbox"/> 80%  |  |
| <input type="checkbox"/> Thermal Magnetic Trip                    | <input type="checkbox"/> 100% |  |
| <input type="checkbox"/> Electronic Trip (LI)                     |                               | <input type="checkbox"/> Manual                                  |
| <input type="checkbox"/> Electronic Trip with Short Time (LSI)    |                               | <input type="checkbox"/> Electrically Operated (for paralleling) |
| <input type="checkbox"/> Electronic Trip with Ground Fault (LSIG) |                               |  |

### Circuit Breaker Mounting

- Generator Mounted
- Remote Mounted
- Bus Bar (for remote mounted breakers)

### Enclosures for Remote Mounted Circuit Breakers

- NEMA 1
- NEMA 3R

### Approvals and Listings

- California OSHPD Approval
- CSA Certified
- IBC Seismic Certification
- UL 2200 Listing
- Hurricane Rated Enclosure

### Enclosed Unit

- Sound Enclosure and Subbase Fuel Tank Packages
- Weather Enclosure and Subbase Fuel Tank Packages

### Open Unit

- Exhaust Silencer, Critical (kit: PA-354809)
- Flexible Exhaust Connector, Stainless Steel

### Fuel System

- Flexible Fuel Lines (Select rubber or stainless steel)
- Fuel Pressure Gauge

### Controller

- Common Failure Relay  
(Decision-Maker® 6000 and APM603 controllers only)
- Dry Contact (isolated alarm)  
(Decision-Maker® 6000 controller only)
- Two Input/Five Output Module (APM402 controller only)
- Four Input/Fifteen Output Module (APM603 controller only)
- Remote Audiovisual Alarm Panel  
(Decision-Maker® 6000 controller only)
- Lockable Emergency Stop Switch
- Remote Emergency Stop Switch
- Remote Serial Annunciator Panel
- Run Relay (standard with APM603, optional with others)
- Manual Key Switch (APM603 controller only)
- Manual Speed Adjust (APM402 controller only)

### Cooling System

- Block Heater, 2500 W, 90-120 V, 1 Ph
- Block Heater, 2500 W, 190-208 V, 1 Ph
- Block Heater, 2500 W, 210-240 V, 1 Ph
- Block Heater, 2500 W, 380-480 V, 1 Ph  
Required for ambient temperatures below 0°C (32°F)

### Electrical System

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

### Paralleling System

- Voltage Sensing

### Miscellaneous

- Air Cleaner, Heavy Duty
- Air Cleaner Restriction Indicator
- Crankcase Emissions Canister
- Engine Fluids Added
- Rated Power Factor Testing
- Rodent Guards

### Literature

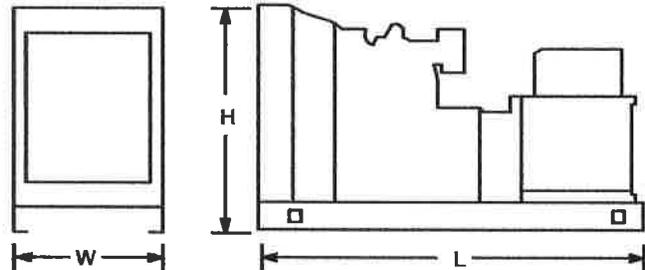
- General Maintenance
- NFPA 110
- Overhaul
- Production

### Warranty

- 2-Year Basic Limited Warranty
- 5-Year Basic Limited Warranty
- 5-Year Comprehensive Limited Warranty

## Dimensions and Weights

Overall Size, L x W x H, max., mm (in.): 3100 x 1300 x 1689  
 (118.1 x 51.2 x 66.5)  
 Weight (radiator model), wet, max., kg (lb.): 2449 (5400)



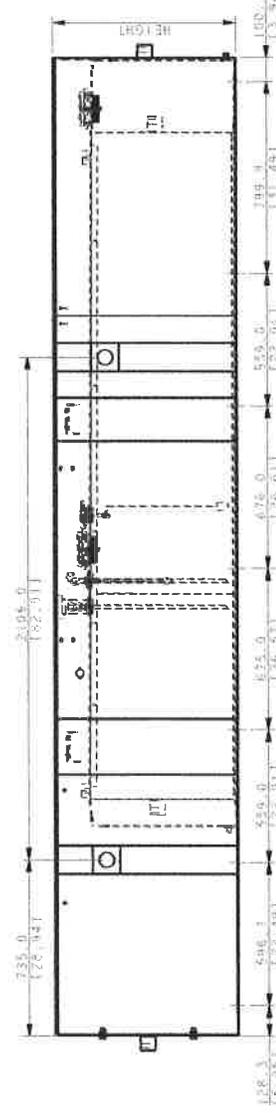
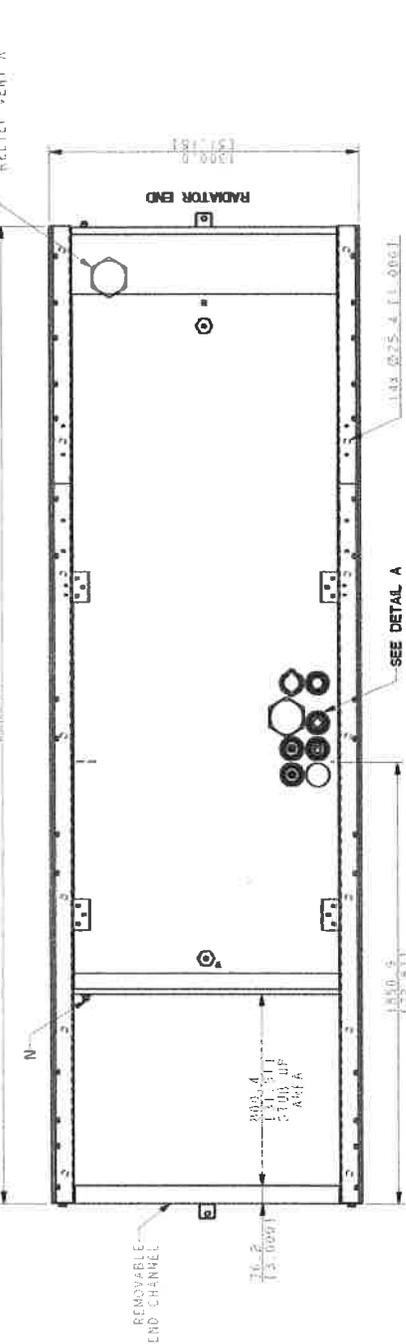
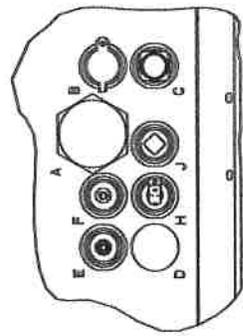
NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

**DISTRIBUTED BY:**



MODEL	CAPACITY L (GAL)	WEIGHT KG (LBS)	HEIGHT MM (IN)	LENGTH MM (IN)	F - VENTS SIZE (GTY)
240-2754W	1726 L (452 GAL)	011 KG (245 LBS)	762 MM (30 IN)	4094 MM (161.2 IN)	4 (2)
3001W	2070 L (546 GAL)	019 KG (220 LBS)	800.2 MM (31.5 IN)	4094 MM (161.2 IN)	3 (2)

THIS IS AN AUTOMATED TABLE. ALL CHANGES TO THIS TABLE MUST BE MADE IN THE FAMILY TABLE OF THE GENERIC MODEL.



- TANK FITTINGS**
- A. EMERGENCY VENT FITTING PER NIPA 50 WITH VENT CAPS (GTY 2)
  - B. 2" NPT FUEL FILL FITTING WITH LOCKABLE CAP AND 2" RISER
  - C. 2" NPT FUEL LEVEL GARGE FITTING WITH DIRECT READING MECHANICAL GAUGE
  - D. 2" NPT NORMAL VENT FITTING WITH RUBBER VENT CAP AND 2" RISER FOR REMOVABLE ENGINE SUPPLY
  - E. 3/4" NPT FUEL FILLER WITH REMOVABLE CHECK VALVE
  - F. 2" NPT FITTING FOR REMOVABLE FUEL RETURN
  - G. 9/16" TUBE FOR LOW LEVEL SWITCH
  - H. 2" NPT FOR LOW LEVEL SWITCH
  - I. 2" NPT ADDITIONAL FITTING FOR OPTIONAL ACCESSORY
  - J. 1/2" NPT BAGIN BRACKET PLATE MOUNT
  - K. 1/2" NPT BAGIN BRACKET PLATE MOUNT
  - L. 1/2" NPT BAGIN BRACKET PLATE MOUNT
  - M. 1/2" NPT BAGIN BRACKET PLATE MOUNT
  - N. 1" INSTALL STEEL 1/2" NPT PIPE PLUG

**NOTE**  
FOR FURTHER TANK DETAIL  
SEE INDIVIDUAL DRAWINGS.

**230-3004W  
LOW DEGREE TANK III  
STANDARD CODE TANK**

**DIMENSIONS IN ( ) ARE ENGLISH EQUIVALENTS  
KOHLER CO. METRIC PROE**

ITEM	DESCRIPTION	UNIT	VALUE	DESCRIPTION	UNIT	VALUE
1	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
2	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
3	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
4	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
5	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
6	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
7	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
8	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
9	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
10	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
11	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
12	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
13	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
14	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
15	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
16	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
17	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
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25	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
26	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
27	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
28	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
29	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
30	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
31	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
32	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
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42	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
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44	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
45	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
46	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
47	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
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50	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
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52	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
53	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
54	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
55	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
56	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7
57	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	1000.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	39.4
58	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	735.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	28.9
59	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	555.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	21.9
60	HEIGHT FROM UNDERMOUNT LOCATED 3"	MM	704.0	HEIGHT FROM UNDERMOUNT LOCATED 3"	IN	27.7

**DIMENSION PRINT**

ADV-7845