

GAS GENERATORS

for Industrial Power Systems



KOHLER[®]
IN POWER. SINCE 1920.

GAS GENERATORS

25–1300 kW

Custom made to meet your needs.

PURPOSE-BUILT SOLUTIONS

For every application.

Protect your critical power applications with the generators that are proven to work. Custom-tailored to your specifications. And engineered to provide you with consistent, reliable power.

Before our gas generators see the light of day, they endure our extreme testing standards. And to make sure they hold up in harsh conditions, we coat the generator enclosures, skids and components with Power Armor[®] Paint System, a textured industrial finish that provides corrosion-resistant, heavy-duty durability.

TOTAL SYSTEM INTEGRATION

But the best part? We engineer every detail down to the last bolt. From generators and transfer switches to paralleling switchgear and controllers, everything works together seamlessly. Because we designed, engineered and tested it that way.

That's the Kohler difference.



KG60



125REZGC



200REZXB

Good news: you can forget all that one-size-fits-all nonsense. KOHLER® gas generators are tailored and targeted to your specific job requirements. Unlike most generator models, every KOHLER generator is designed to work precisely for standby, prime or continuous applications. So you know you're getting the right power and the right power rating—and enjoying huge cost savings along the way.

But we didn't just stop there. We've also simplified the installation process — every model* is available EPA-certified to meet operational requirements on pipeline natural gas. There's no need to certify or recertify.

STANDARD FEATURES

Tested and Approved

KOHLER generators meet tough industry testing and quality standards (UL, CSA, IBC, NFPA).

One-Step Full-Load Acceptance

Our gas generators accept full load to keep you up and running.

Ultimate Performance

Our 1800-rpm engines run quietly and efficiently to extend generator life and provide significant fuel savings.

Factory-Certified Generators

Every size KOHLER gas generator is available EPA-certified*; ECM-controlled and designed to meet the latest spark-ignited emission requirements.

Versatile Power

KOHLER gas generators are made for more than just emergencies. You can also use them for standby, prime and continuous applications.

*Except the 1300REZCK model, which is available EPA-compliant

GAS GENERATORS



30CCL

1. SOUND ENCLOSURE*

Durable aluminum sound-attenuating enclosure with optional windload

2. ALTERNATOR

Our wound field excitation system with its unique PowerBoost™ design delivers great voltage response and short-circuit capability

Brushless, rotating-field alternator has broad-range reconnectability

3. APM402 CONTROLLER

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

4. FUEL SYSTEM

Simple field conversion between natural gas and LPG fuels while maintaining emission certification

5. ENGINE FEATURES

Powerful and reliable 2.2L turbocharged liquid-cooled engine and electronic engine management system

6. INNOVATIVE COOLING SYSTEM

Electronically controlled fan speeds minimize generator set sound signature

Our new line of standby generators is specifically designed for industrial light commercial applications including small retail, commercial and municipal buildings, universities and apartment complexes.

Runs Quietly and Efficiently

Sound-attenuated enclosure and new KOHLER 2.2L turbocharged engine keeps noise to a minimum.

Industry Certified

Designed to meet NFPA 110 Level 1 requirements when equipped with required accessories and installed per NFPA 110 standards.

Rust-Resistant

KOHLER Power Armor™ provides corrosion resistance in harsh conditions.

5-Year Warranty

Comes with a standard 5-year/2,000-hour warranty with optional extended warranty.

*Sound level - log average @ 7m (23ft) at no load.

MODEL	60 Hz (kW/kVA)					RPM	Emissions
	NG Standby	LP Standby	NG Prime	NG Continuous	LP Prime		
25CCL	25/31	25/31				1800	EPA-certified
30CCL	30/38	30/38				1800	EPA-certified
36CCL	36/45	36/45				1800	EPA-certified
KG40	40/50	40/50				1800	EPA-certified
KG45	45/56	45/56				1800	EPA-certified
KG50	53/66	53/66				1800	EPA-certified
KG60	60/75	60/75				1800	EPA-certified
80REZGD	80/100					1800	EPA-certified
KG80	80/100	80/100				1800	EPA-certified
100REZGD	100/125	100/125				1800	EPA-certified
KG100	<i>(Coming Soon)</i>						
125REZGC	128/160	106/133				1800	EPA-certified
KG125	<i>(Coming Soon)</i>						
150REZGC	150/188	139/174				1800	EPA-certified
180REZXB	190/238	130/163	164/205			1800	EPA-certified
180RZXB	190/238	130/163	164/205			1800	
200REZXB	200/250	130/163	175/219			1800	EPA-certified
200RZXB	200/250	130/163	174/219			1800	
250REZXB	260/325	170/213	235/294			1800	EPA-certified
250RZXB	260/325	175/219	235/294			1800	
300REZXB	300/375	210/263	270/338			1800	EPA-certified
300REZXC	300/375					1800	EPA-certified
300RZXB	300/375	210/263	270/338			1800	
350REZXB	355/444	240/300	300/375			1800	EPA-certified
350RZXB	355/444	240/300	300/375			1800	
400REZXB	400/500	260/325	360/450			1800	EPA-certified
400REZCK				435		1800	EPA-certified
400RZXB	400/500	260/325	360/450			1800	
450REZXB	450/562					1800	EPA-certified
500REZK	500/625		435/543			1800	EPA-certified
600REZCK				675		1800	EPA-certified
750REZK	750/937		630/787			1800	EPA-certified
800REZCK				875		1800	EPA-certified
1000REZK	1000/1250		880/1100			1800	EPA-certified
1000REZCK				1030		1800	EPA-certified
1300REZCK				1310		1800	EPA-compliant

Ratings based on 3-phase, 480 V. Continuous rating at power factor of 1.0
50-Hz nonemissions models and single-phase ratings are also available.
For additional technical specifications, visit KOHLERPOWER.com

KOHLER® DECISION-MAKER® CONTROLS

Technology so advanced, it's easy.

At Kohler, we don't do one size fits all. With our Decision-Maker controls, we design custom packages, tailored to your needs—from basic controls to multiple generator paralleling.

Plus, Kohler makes each controller easy to operate with user-friendly displays and keypad functions. And if that weren't enough, our complete line of Decision-Maker controllers features advanced network communications for remote monitoring as well as adjustable parameters to accommodate your specific application.

STANDARD FEATURES

Tested and Approved

Our controls meet NFPA, UL and CE standards.

Integral Voltage Regulator

KOHLER controls deliver precise voltage regulation (.25%-.50%) to protect your sensitive equipment from poor power quality.

Seamless System Integration

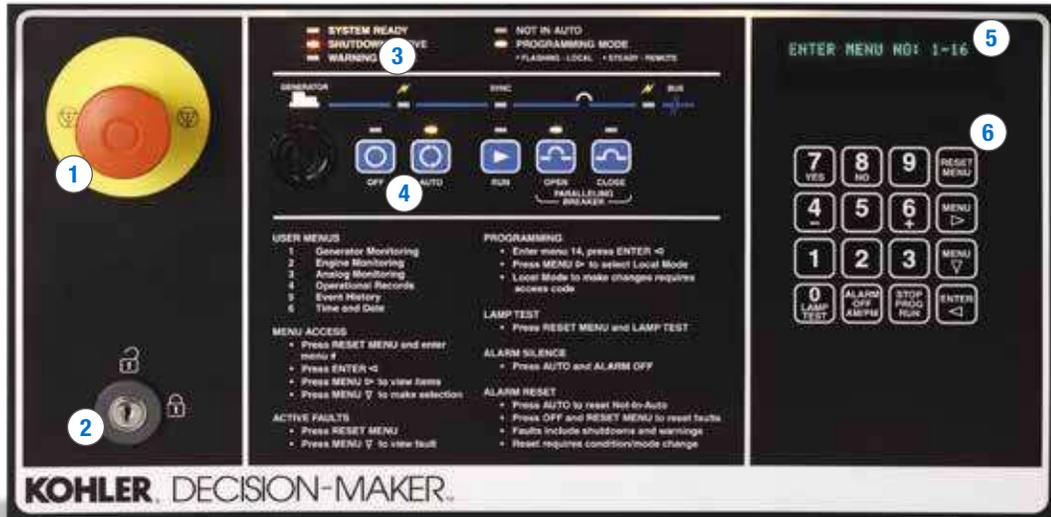
Every controller works with our automatic transfer switches and switchgear for complete system integration

Alternator Protection

This must-have technology protects the alternator from thermal overload.



Remote Annunciator



Decision-Maker 6000

REMOTE COMMUNICATIONS

Monitor Software

Monitors and controls generator sets and transfer switches from your personal computer.

PowerScan™

Provides system monitoring around the clock using wireless technology to send messages to your phone, fax and email.

Remote Annunciator

Offers an economical solution for remote annunciation of faults and status conditions for NFPA-110 compliance.

- 1 **EMERGENCY STOP BUTTON**
Turns off generator immediately
- 2 **KEY SWITCH**
Secures your program settings
- 3 **STATUS INDICATORS**
Display generator mode, breaker and synchronization status
- 4 **CONTROL BUTTONS**
Control synchronizing breakers and generator operation (Off/Auto/Run)
- 5 **DIGITAL ALPHA/ NUMERIC DISPLAY**
Displays faults, warnings, codes and metering
- 6 **PUSH-BUTTON KEYPAD**
Sets custom parameters, displays menus, resets faults and more

KOHLER® DECISION-MAKER® CONTROLS



APM402



550



6000

COMMON FEATURES

Inputs and Outputs

All models include digital and analog input and output with option for additional inputs/outputs

Engine Status and Condition Indicators

- Oil pressure/temperature
- Coolant temperature
- Engine speed
- Number of starts
- Battery voltage

Alternator Status and Condition

- Voltage, L-L and L-N for all phases
- Current/frequency for all phases
- Total kW/kVA and KVAR
- kWh
- Power factor*
- Per phase kW/kVA and KVAR*

Engine Protection–Shutdown/Indication

- High engine coolant temperature
- Low coolant level
- Low oil pressure
- Overcrank
- High/low fuel level/pressure
- Overspeed
- Load-shed output*,‡

Alternator Protection–Shutdown/Indication

- Over- and under-voltage/frequency
- Overcurrent
- Overpower
- Locked rotor†,‡
- Reverse power/VAR*



8000



APM802



3500 - available on mobile generators only

Decision-Maker Model	APM402	550	6000	8000	APM802	3500
Integral voltage regulator	x	x	x			x
Engine diagnostics	x	x	x	x	x	x
Engine starting aid	x	x	x			x
Event and data logging	x	x	x	x	x	x
Programming access via laptop	x	x	x	x	x	x
Key switch		x	x			
USER INTERFACE						
Alphanumeric digital display	x	x	x			
Monochromatic graphical display						x
Color graphical display				x	x	
Emergency stop (remote)	x	x	x	x	x	x
Exercise function		x	x			x
COMMUNICATIONS						
Local and remote area network capability	x	x	x	x	x	x
Monitoring software	o	o	o	x	x	
PARALLELING						
Remote input for external paralleling controller		x		x	x	x
Dead-bus paralleling			x	x		x
Dead-field paralleling				x		
Synchronizer			x	x		x
Real and reactive load sharing			x	x		x
First-on logic			x	x		x
Circuit breaker control			x	x		x
Base load control			x	x		x
Var/power factor control			x	x		x
Load management			o	x		x
Generator management			o	x		x

KEY: STANDARD = x / OPTION = o

MOBILE GENERATORS

35–175 kW

Take your power to go.

Quiet, reliable KOHLER® mobile generators give you dependable power anywhere, from remote construction sites to public events to storm recovery. Tough to the core, they're built to withstand the elements and run for long hours in prime and standby applications. Upgrade your rental fleet with hard-working mobile units. They're loaded with features for power that work wherever you go.



- 1 KOHLER DECISION-MAKER, 3500 CONTROLLER**
User-friendly LCD display and advanced network communications
- 2 RUGGED TRAILER**
Tough commercial trailer with electric braking system
- 3 ONBOARD FUEL TANK**
24-hour runtime tanks are standard on diesel models, optional on gaseous models
- 4 TWO-WAY FUEL VALVE**
*Easily switches among onboard LP, external LP or natural gas fuel (gaseous model); switches between onboard and external fuel tank draw (optional on diesel models)**
- 5 LIFTING EYE**
Convenient single-point lifting eye
- 6 REMOVABLE HOUSING**
*Patented housing is easy to remove—just unscrew bolts from the base**

STANDARD FEATURES

GASEOUS MOBILE GENERATORS

Innovative Propane Tank System

LP gas is reliable, readily available, refills just like diesel and produces less smog-producing carbon monoxide. Easily switch to natural gas or external propane for extended power supply.

Lower Operating Costs

KOHLER mobile generators with propane engines offer a 15%-20% reduction in hourly fuel costs.†

GENERATOR PARALLELING BOX

The KOHLER Mobile Paralleling Box provides the flexibility to parallel any Tier 4 Final or gaseous KOHLER mobile generators to meet job requirements—without the need for expensive motorized breakers. And thanks to the paralleling intelligence built into the DEC3500 controller, each box can parallel two generators. Up to four paralleling boxes and eight generator sets can be connected to one distribution bus.



Mobile Paralleling Box

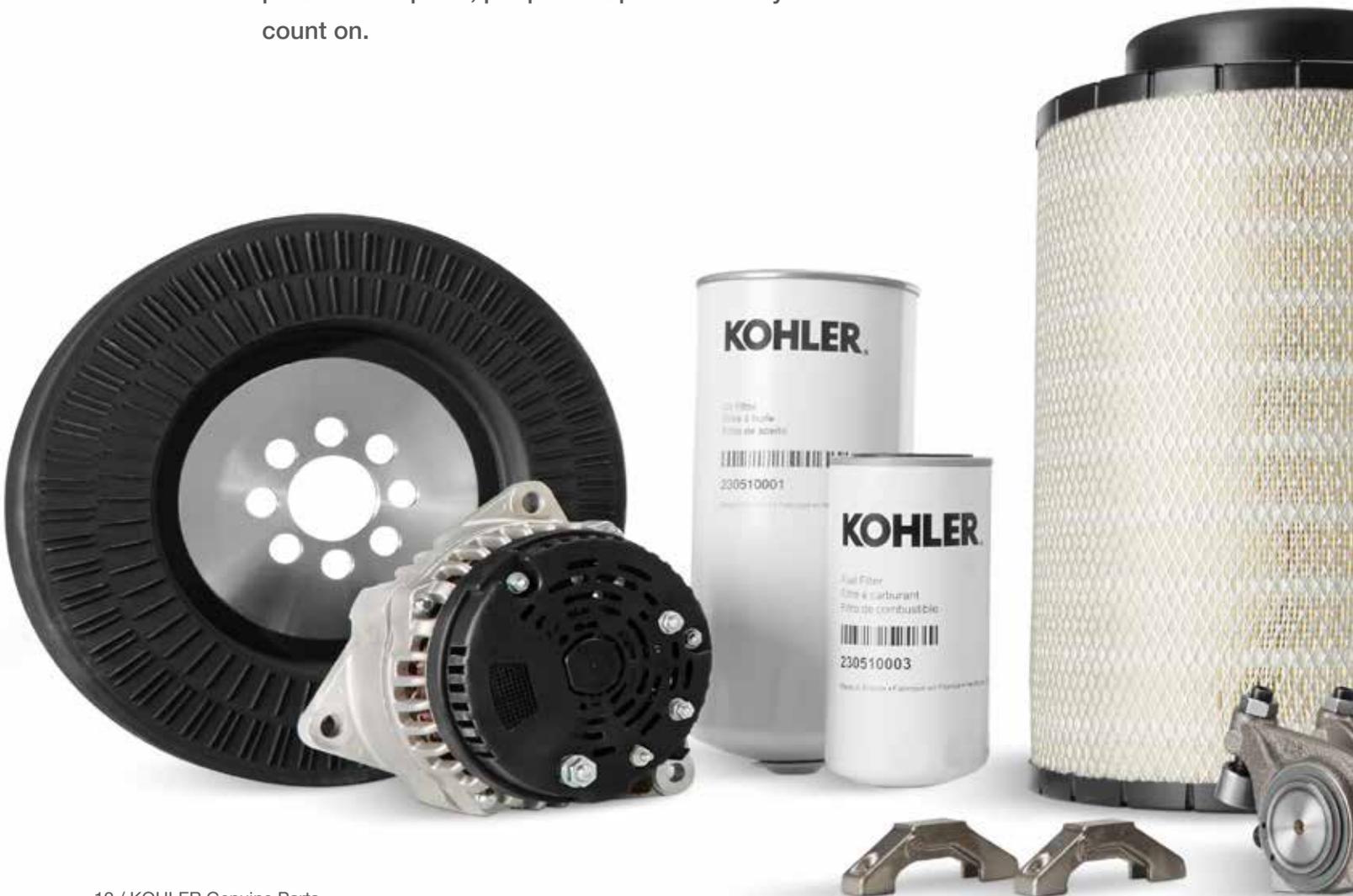
Model	Standby 60 Hz (kW/kVA)	Prime 60 Hz (kW/kVA)	Fuel	EPA Emissions
70REZGT	62/77	56/70	LP/NG	EPA-certified
125REZGT	105/131	95/119	LP/NG	EPA-certified

†Fuel cost savings compared to diesel fuel and based on December 2013 rates published by the U.S. Energy Information Administration

THE BEST WAY TO PROTECT YOUR POWER.

And protect your team.

KOHLER® genuine parts are easily accessible, which can reduce customer downtime, improve your responsiveness and provide a competitive advantage. Structured to help you deliver top-tier service and capture profits, our Aftermarket Parts and Service team provides the parts, people and performance you can count on.



PEOPLE

Our experienced Aftermarket Parts and Service team is available to answer your questions. Choosing genuine parts provides you with comprehensive support, training and technical assistance straight from the factory.

- Factory training
- On-site technical support
- One point of contact for all your parts and service needs
- Dedicated aftermarket channel support

PERFORMANCE

We continuously invest in better processes that make your job easier, and we're here to support you in decisions that affect your business.

- Inventory management
- Warranty management
- Lead-time strategy
- Information technology tools

PARTS

Designed to perform under the toughest environmental conditions, KOHLER® genuine parts are built specifically for your generator—and will be available when you need them. They undergo extensive lab and field testing as part of the overall power system to ensure everything works as expected and KOHLER aftermarket parts and consumables—including filters, oil, spark plus and batteries—keep your generator running at peak performance.

- Global sourcing
- Warehousing capabilities
- Enhanced genuine parts portfolio
- Online parts catalog
- Parts technical publications



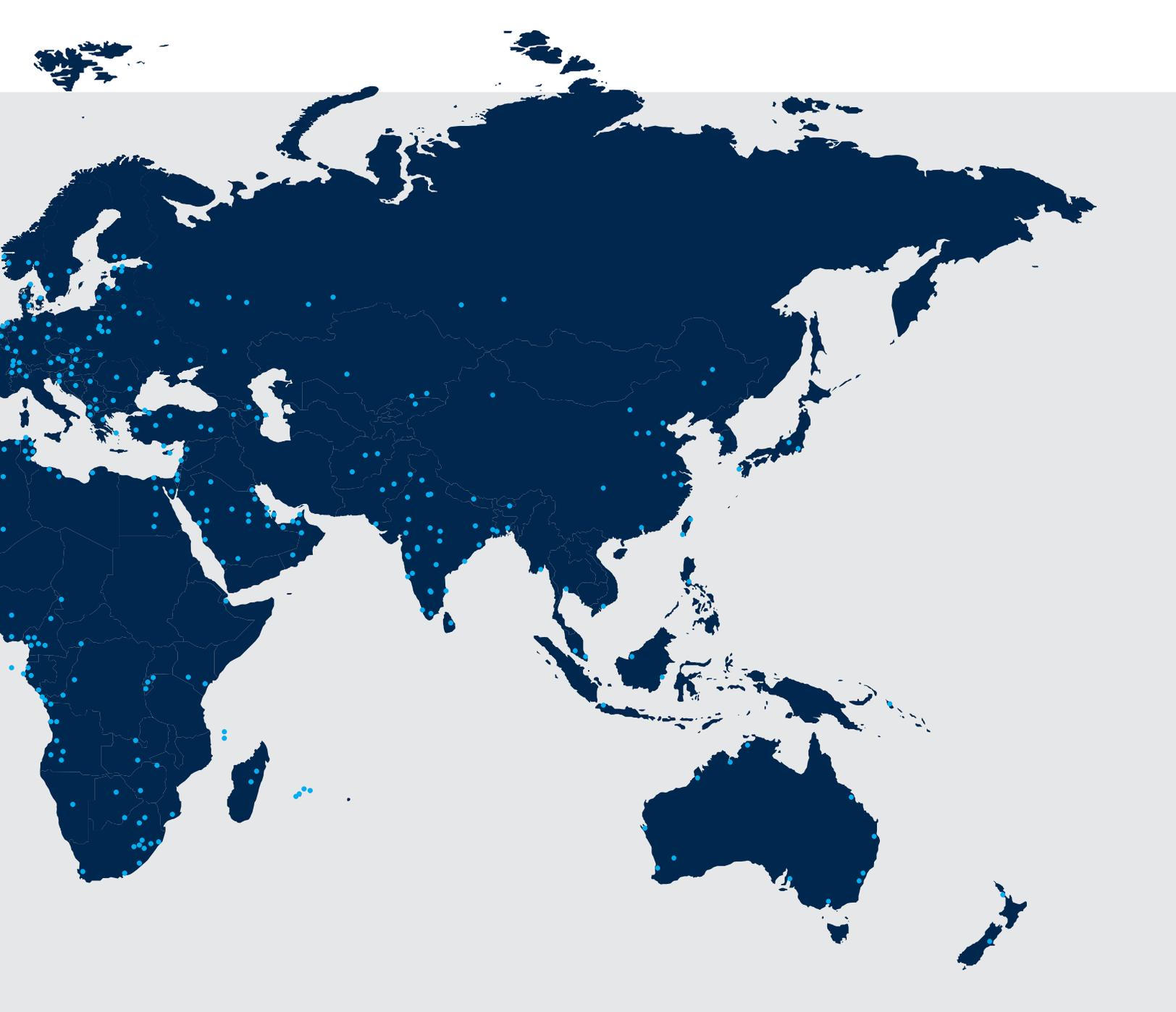


SERVICE AND SUPPORT

**The help you need.
Any time, anywhere.**

You're never too far from Kohler. Across the world, more than 800 locations are ready to provide sales, installation and aftermarket support services. And each one offers expertise in power specifications, equipment and integration. There's no question they can't answer. We should know, we trained them ourselves.

Plus, if you ever need assistance in the middle of the night, we'll take care of you. Kohler power professionals are available to offer troubleshooting, advice, service and support.



KOHLER[®]
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KOHLERPOWER.COM

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