

eFRAME™ ENCLOSURES

for Industrial Power Systems



KOHLER®

TOTAL SYSTEM INTEGRATION.

We've Got You Covered ... Literally!

At Kohler, we believe that we can do it all!

Understanding the needs of our consumer, Kohler has designed a range of exclusive eFRAME enclosures specifically geared to accommodate KOHLER® generators. Your power generation needs are now available from a single source, which allows for complete customization with the luxury of shortened lead times. With KOHLER, your generator system can be installed, serviced, and maintained by the name that you trust.

BENEFITS



Top-of-the-line



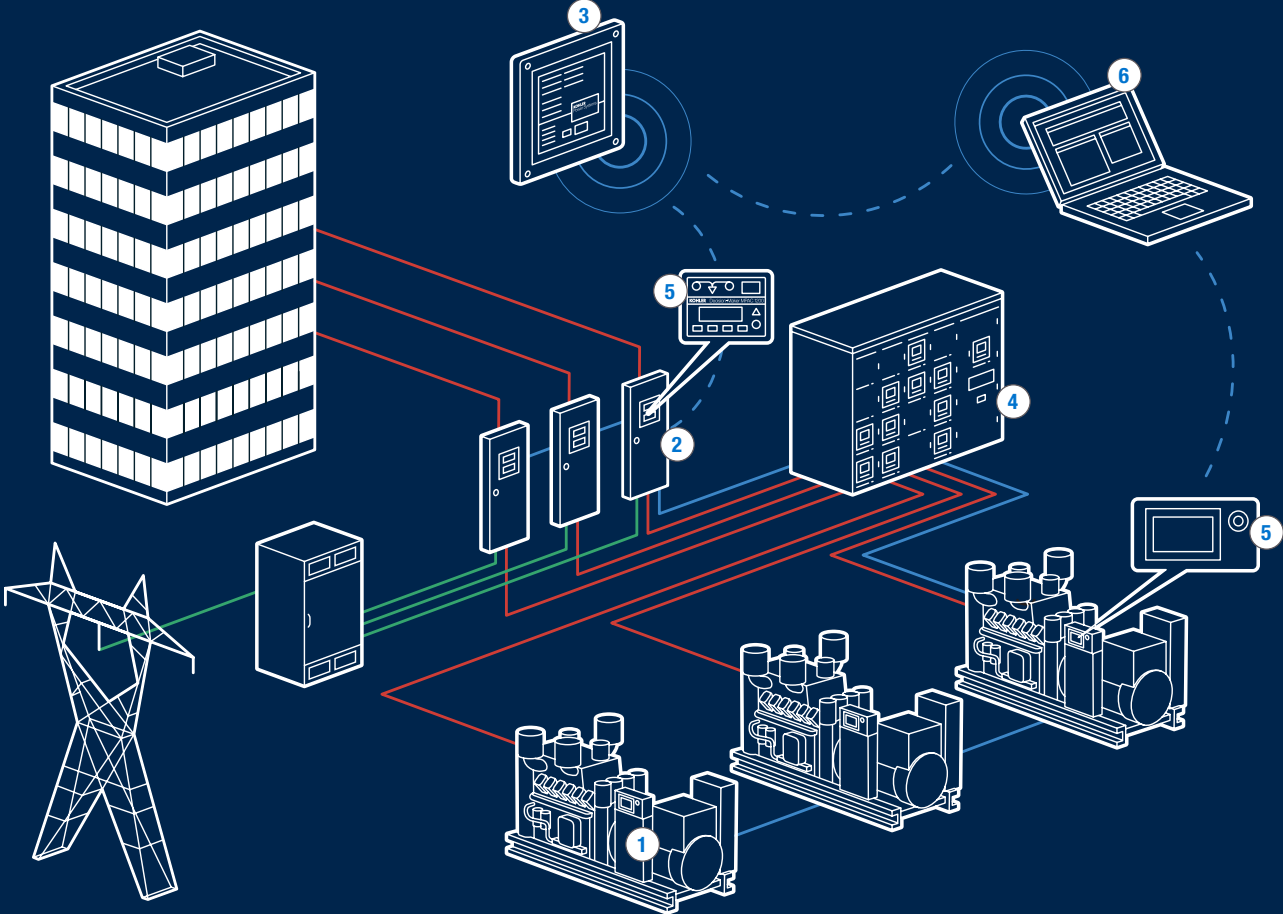
Available from a single source



Shortened lead times



Ease of installation, service, and maintenance



TOTAL SYSTEM INTEGRATION

- | | | |
|--|--|--|
| 1 KOHLER® GENERATOR
Gas generators 25–500 kW
Diesel generators 15–4000 kW | 3 KOHLER REMOTE ANNUNCIATOR
Remote monitoring and testing of transfer switches | 5 KOHLER CONTROLLERS
Controls, monitors, and aids system diagnostics |
| 2 KOHLER AUTOMATIC TRANSFER SWITCH
Open, closed, and programmed transition operating modes; standard, bypass-isolation, and service-entrance switch configurations | 4 KOHLER PARALLELING SWITCHGEAR
Low- and medium-voltage | 6 KOHLER MONITORING SOFTWARE
Monitors generators and transfer switches from a PC |

eFRAME ENCLOSURES

Flexible. Reliable. Accessible. Modular. Easy.
The name that stands for more.

FLEXIBLE

The eFRAME walk-in enclosure is ideal for mission critical applications including data centers, water utility, and healthcare facilities. Our enclosures accommodate a variety of uses through the optimization of additional features, such as the capability to modify switchboard and breakers to meet customer requirements with additional state/local code options available for the subbase tank.

RELIABLE

Each eFRAME goes through vigorous testing and approval to ensure reliability. Receiving the UL 2200 FTTP certification for construction, this modular frame has been designed to meet and withstand over a 135-mph wind load rating. Additionally, the enclosure is IBC- certified for site-specific use, and its subbase tank meets UL 142, ULC, and state-specific requirements. Computational fluid dynamic (CFD) tools review the enclosure airflow to ensure generators will operate efficiently in the most demanding environments. Our internal engineering analyses (including FEA) are used to optimize cost while ensuring we meet shipping and wind load requirements.

ACCESSIBLE

Our custom-designed modular enclosures allow for ultimate serviceability and ease of access to the engine and radiator without the need to disconnect, promoting rapid troubleshooting while ensuring continuous power.

MODULAR

Reduce service costs and downtime with the modular design of our enclosures, which are capable of being split into three independent sections, making the replacement or service for any generator component quick and easy.

EASY AS 1, 2, 3

Just a few simple steps is all it takes!

- SET—Set the tank, mount the generator, and then set the enclosure
- WIRE—Wire alternator load leads to the freestanding breaker
- CONNECT—Ensure connections: customer connections (including load leads), shore power, and communication cables

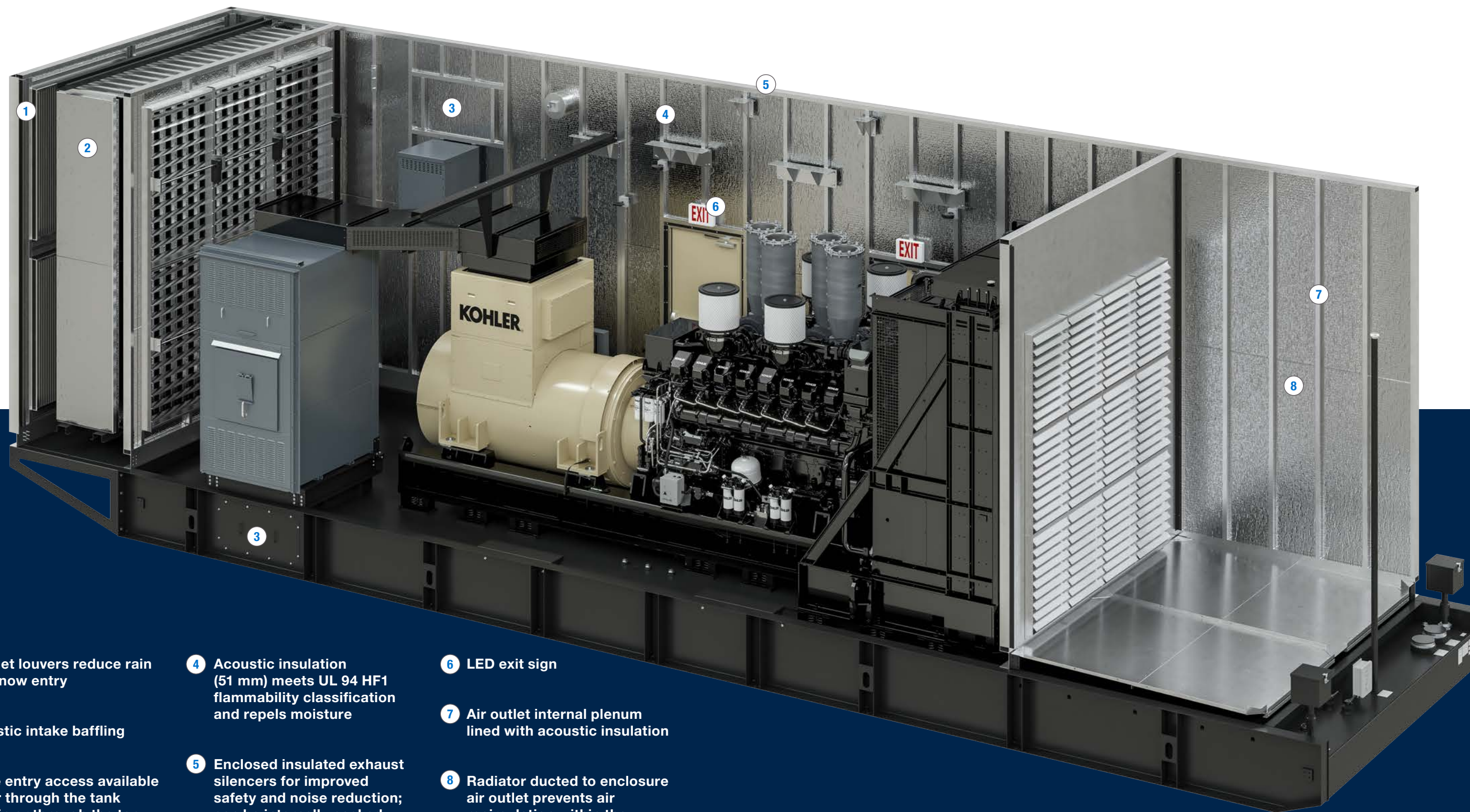




- 1 Aluminum construction
- 2 Four external lifting eyes for easy site installation
- 3 Exhaust rain cap
- 4 Fade-, scratch-, and corrosion-resistant powdered-coated exterior

- 5 90-degree vertical air outlet redirects air to reduce noise
- 6 Switchboard with external provisions for load bank or portable generator hookup
- 7 Rubber-sealed access doors prevent water infiltration and minimize noise

- 8 Four hinged doors for easy maintenance
- 9 Door retention and door holdback
- 10 Lockable stainless steel external door latches and internal crash bar for exit
- 11 Fluid drains piped to the exterior of the enclosure



1 Air inlet louvers reduce rain and snow entry

2 Acoustic intake baffling

3 Cable entry access available either through the tank stub-in or through the top right or left side panels of the enclosure

4 Acoustic insulation (51 mm) meets UL 94 HF1 flammability classification and repels moisture

5 Enclosed insulated exhaust silencers for improved safety and noise reduction; can be internally packed or externally insulated for use with field-added aftertreatment

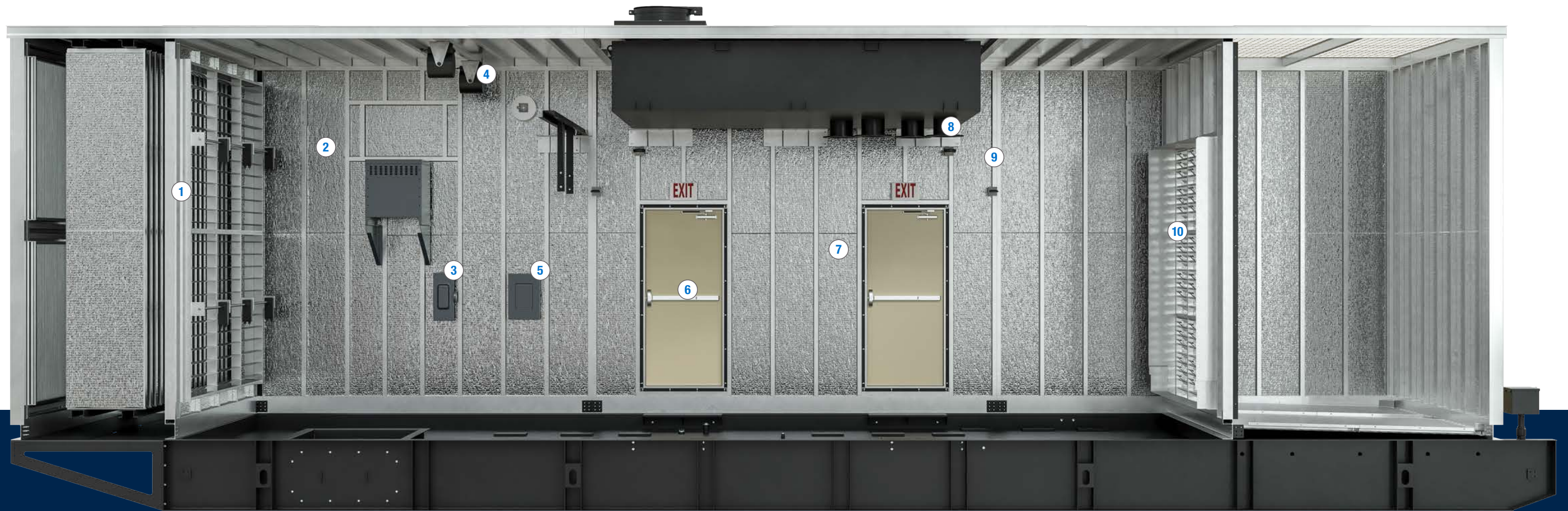
6 LED exit sign

7 Air outlet internal plenum lined with acoustic insulation

8 Radiator ducted to enclosure air outlet prevents air recirculation within the enclosure



- 1 Side access electrical stub-up
- 2 Enclosure mounts to perimeter
- 3 Walking surface within enclosure for generator access
- 4 Powder-coat, textured black finish
- 5 Generator mounts to tank's top
- 6 Five-gallon spill containment with 95% shutoff overfill prevention valve (OPV)
- 7 Four-alarm panel (critical low, low, high, and critical high)
- 8 Both the inner and outer tanks have UL-listed emergency relief vents



1 Aluminum motorized air-inlet damper

2 3-PH stepdown transformer matching 100A load center

3 3-PH disconnect switch

4 1-PH enclosure heater sized to meet NFPA requirement

5 100A enclosure load center*

6 Capability to provide custom door access and security accessories

7 AC light switches with GFCI outlets mounted next to each entry door*

8 Two Interior LED DC lights (two each side for total quantity of four)

9 Two interior LED AC lights (two each side for total quantity of four)*

10 Aluminum motorized or gravity air-outlet damper

Additional Features

- Generator compartment ventilation fan
- LED exterior lighting above entrance doors
- Externally mounted E-stop

All enclosure and generator options are prewired or field-connectable to enclosure or generator-mounted load centers
*Included in Basic Electrical Package

