

Model: **3APU-24V**

KOHLER POWER SYSTEMS

GM60365-SA1

Diesel

ISO 9001
KOHLER
 POWER SYSTEMS
 NATIONALLY REGISTERED



Mobile Auxiliary Power Unit

Engine Features

- Diesel fueled
- Single cylinder
- Air cooled
- Preheating for cold weather starts

Features

- Remote start capability
- Quiet operation
- Limited warranty

Weights and Dimensions

Specifications	Power Unit	Evaporator Unit	Condenser Unit
Weight, wet, kg (lb.) *	109 (240)	10 (22)	7.2 (15.90)
Length, mm (in.)	710 (28)	570 (22.43)	675 (26.56)
Depth, mm (in.) **	288 (11.34)	160 (6.25)	140 (5.50)
Height, mm (in.)	600 (23.56)	370 (14.50)	385 (15.15)

See the drawings on the last page for detailed dimensions.

*Weight does not include 27.21 kg (60 lb.) mounting brackets.

**Mounting bracket depth for Power Unit is 460 mm (18 in.).

Engine Ratings

Model Series	Voltage DC	25° C (77° F) Amps	25° C (77° F) kW/kVA
3APU-24V	24	25	0.6

Power Unit

Specifications	
Cylinder, qty.	1
Displacement, cc (cu. in.)	349 (21)
Rated rpm	2400
Max. power at rated rpm, kW (HP)	3.5 (4.7)
Refrigerating gas	R-134a

In Cab Heating & Cooling

Evaporator & Condenser	
Cooling, Btu/h @ 40° C (104° F)	12,000
Heating, Btu/h @ 0° C (32° F)	10,000
Air flow, min.-max m ³ /h (cfm)	120-600 (71-353)

Fuel

Fuel System	
Type	Direct injection
Fuel pump - transfer	Mechanical diaphragm
Fuel pump, max. lift, m (ft.)	0.91 (3.00)
Diesel-Fuel Consumption	
Typical (load), Lph (gph)	0.55 (0.15)

Electrical

Engine Electrical System	
Battery voltage, VDC	24
DC output battery charging, amp	25
Starter motor, electric	24 V

Sound Data

Sound Levels	Sound Level dBA
Power unit	< 64
Evaporator	< 35

Sound Data Reference

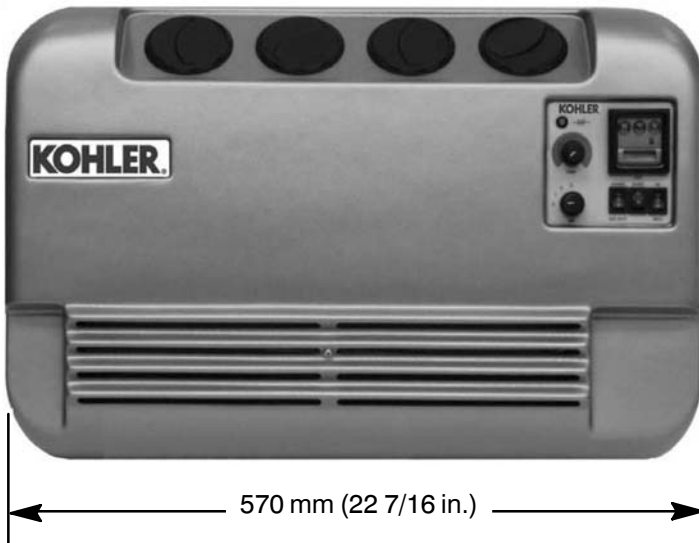
Source of Noise	Sound Level dBA
Jet plane @ 50 ft. distance	130
Chain saw	108
Heavy city traffic	100
Motorcycle @ 30 ft. distance	88
Automobile @ 25 ft. distance	80
Automobile interior @ 50 mph	70
Kohler APU	64
Normal conversation	60
Soft whisper	35

RATINGS: Mobile continuous ratings per ISO 3046, ISO 8528-1, and Kohler ISO rating guideline 2.14. Obtain technical information bulletin (TIB-101) on ratings guidelines for complete ratings definitions. Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler generator set distributor for availability.

Evaporator Back View



Evaporator Front-End View



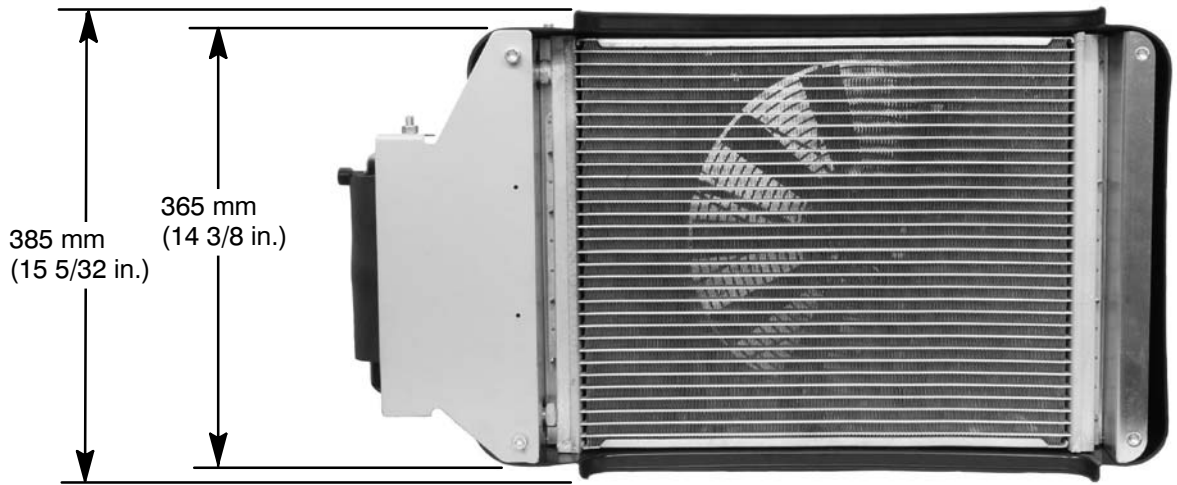
Evaporator Side View



Note: This drawing is provided for reference only and is not intended for installation planning. Contact your local distributor for more detailed information.

Dimensions are in mm [in] and not to scale.

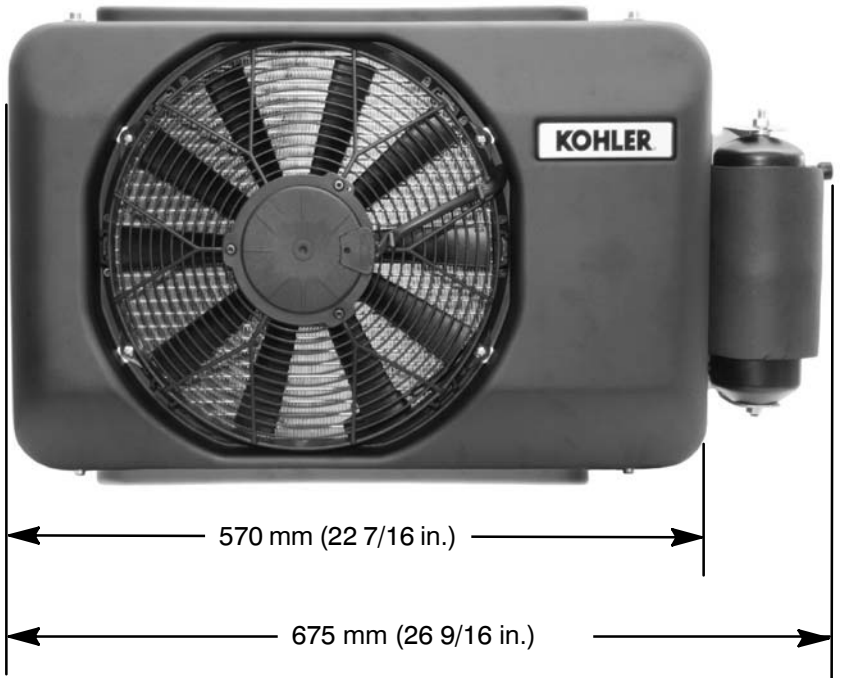
Condenser Back View



Condenser Side View

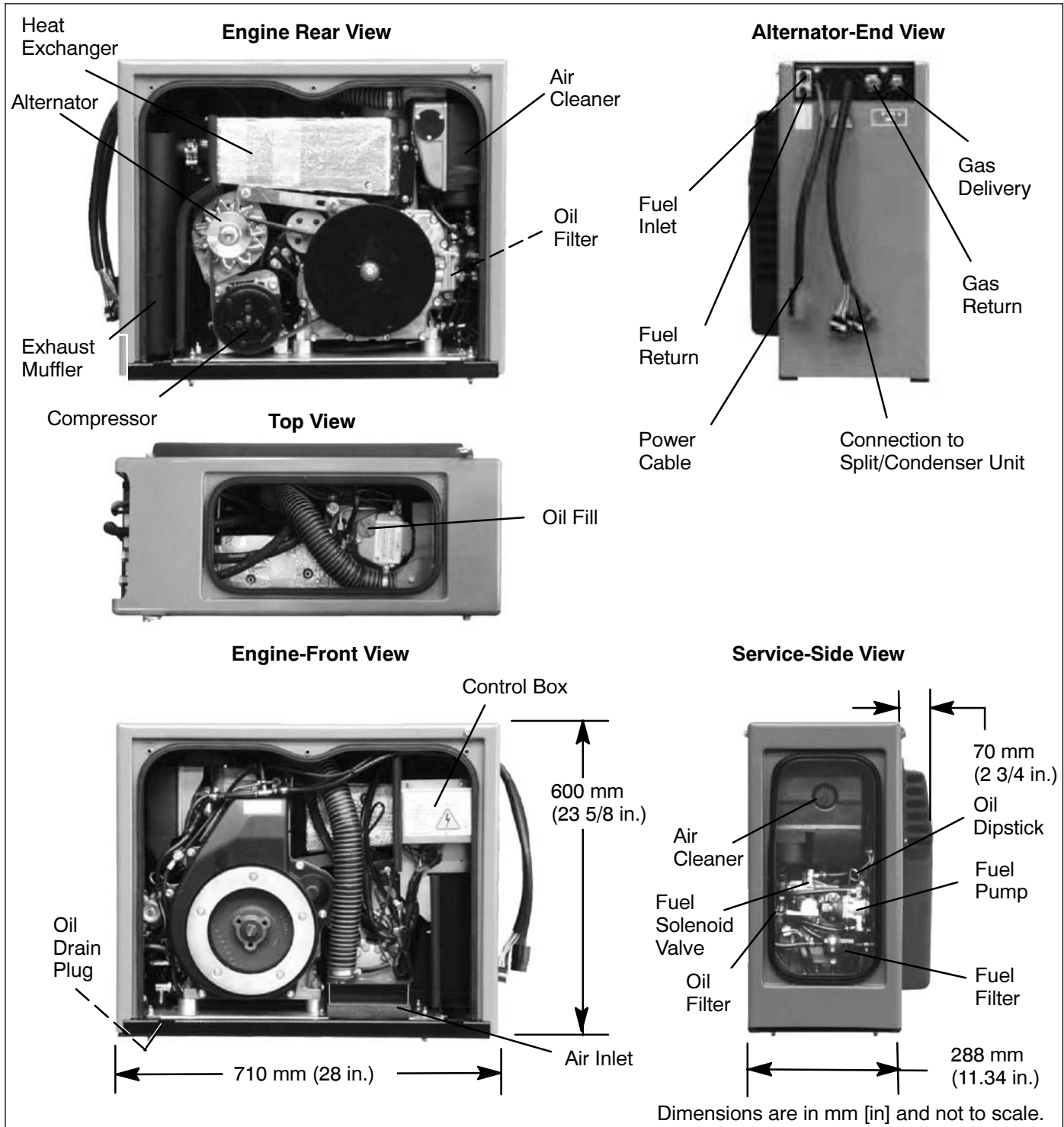


Condenser Front View



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