

Polar Cab ES

Battery Driven Electric Cooling System

NEW!



Operators turn off your engines.

The new Polar Cab series by Webasto provides engine-off operator comfort by maintaining cool cabin temperatures during wait/load time. Polar Cab ES engine-off air conditioning system effectively keeps cabs cool on-demand under hot, humid and full sun load conditions.

Operators can now turn off their engines and keep comfortable, save fuel, reduce idling and increase productivity with Webasto technology.



Osaka - Floor Mounted Evaporator



Oakland - Overhead Evaporator

Polar Cab ES Battery Driven Electric Cooling System Benefits:

- Cooling capacity 7,000 BTU/h (2kW)
- Reduces Engine Hours
- Saves Fuel
- Maintains cabin temperature
- Low power consumption
- Compact 24V variable speed electric compressor
- Increased productivity

Kit Components

- Compressor/Condensor Unit with evaporator (Ceiling or floor mounted options)
- Refrigerant Lines and Fittings
- Mounting Hardware
- Control Unit
- Wiring Harness

Technical Specifications

	Polar Cab ES with Oakland (universal overhead evaporator)	Polar Cab ES with Osaka (universal vertical floor evaporator)
Part Number	5011840	5011850
Max Air Flow evaporator blower	190 cfm (325 m ³ /h)	206 cfm (350 m ³ /h)
Cooling Capacity	7,000 btu/h (2kW)	7,000 btu/h (2kW)
Referigerant	R134a	R134a
Nominal Voltage	24 VDC	24 VDC
Power Consumption	40 amps	40 amps
Dimensions (W x D x H)* Compressor/Condenser	24.1 x 16.5 x 16.1 in (613 x 419 x 410 mm)	24.1 x 16.5 x 16.1 in (613 x 419 x 410 mm)
Dimensions (W x D x H)* Evaporator	14.6 x 11.1 x 6.2 in (370.5 x 281.4 x 158 mm)	13 x 7.9 x 12.6 in (330 x 200.1 x 321 mm)
Weight Compressor/Condenser	84 lbs. (38 kg)	84 lbs. (38 kg)
Weight Evaporator	8 lbs (3.5 kg)	12 lbs (5.5 kg)

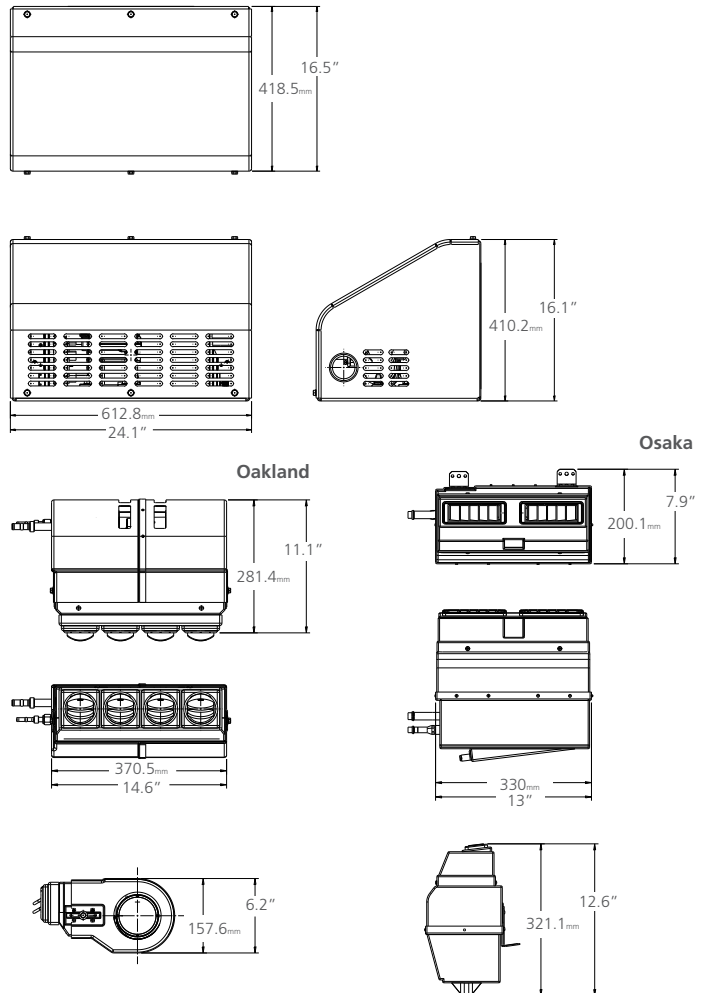
NOTE: All technical data subject to change, ±10% tolerance on all Specifications * Dimensions do not include hose and mounting hardware.

Installation Example



Polar Cab ES can be installed with Osaka or Oakland evaporators.
Not applicable with both, as shown.

Dimensions



Webasto Thermo & Comfort
North America, Inc.

15083 North Road
Fenton, Michigan 48430
USA

Toll Free: 800-860-7866
Phone: 810-593-6000

PolarCabCooling.com