Webasto
Feel the Drive

Commercial Truck Climate Solutions

Engine Pre-heating ▪ In-Cab Heating ▪ Bunk Cooling

Delivering the Best Return-On-Investment

Webasto heating and cooling systems offer an incredible return on investment compared to idling.

Webasto Makes Your Business More Profitable

Driving a truck isn't just a lifestyle, it's a rolling business. Whether you have one truck or a large fleet, the most important components to keeping your business healthy are minimizing fuel costs, maintenance costs, and avoiding fines. Webasto provides engine-off bunk heating and cooling solutions that do just that, while providing one of the fastest returns on investment.

The Alternative to Idling

- Vehicles are meant to be driven, not idled.
- Idling a vehicle for warmth or cooling:
  - Wastes fuel
  - Wears out the engine
  - Produces harmful emissions
  - May be against the law

Proven quality. Reliable performance.
Webasto has been in business for over 110 years and is the original manufacturer of fuel operated heaters. Rigorous durability and testing including cold chamber, salt spray, vibration and emission testing is performed on Webasto heaters to ensure high quality performance and reliability. Webasto spends millions of dollars annually in research and development, continually striving for quality and innovation. Our heaters are backed by a 2 year/2000 hour warranty.

Webasto heaters…the number one choice for driver comfort worldwide.

In-Cab Comfort

Webasto air heaters provide immediate heat, making cold nights more comfortable for drivers while saving fuel from engine-off operation.

Air Heater Features:

- Use as little as 1 Gallon of fuel in a 22 hour period*
- CARB approved and EPA SmartWay verified
- Fast Return on Investment
- Quiet operation ensures a restful night's sleep
- Full diagnostics with PC interface
- High heat output in a compact design
- 7,000 – 13,300 Btu/h output

Tandem 717

Combines the benefits of a Thermo Top C and Air Top 2000 ST for a total vehicle heating solution.

Air Top 2000 ST*

7,000 Btu/h

Air Top Evo 3900

13,300 Btu/h

Precision Bunk Temperature Management

The SmarTemp Control from Webasto is a revolutionary temperature controller that works with Air Top 2000 ST bunk heaters. Precisely manage the comfort of your bunk with a turn of a dial. No more idling to stay warm. No more guessing at the temperature. Maintain constant bunk temperatures and lower fuel costs. With Webasto SmarTemp Control, life just got more comfortable.

NEW SmarTemp Control

Instant-On Button

Smart Indicator LED's

- Red for Heat Mode
- Blue for Vent Mode
- Blinking Red for Diagnostic Codes

Ambient Temperature Display

Menu Select Button

Ergonomic Comfort Dial

Set Temperature Display

The SmarTemp Control Features:

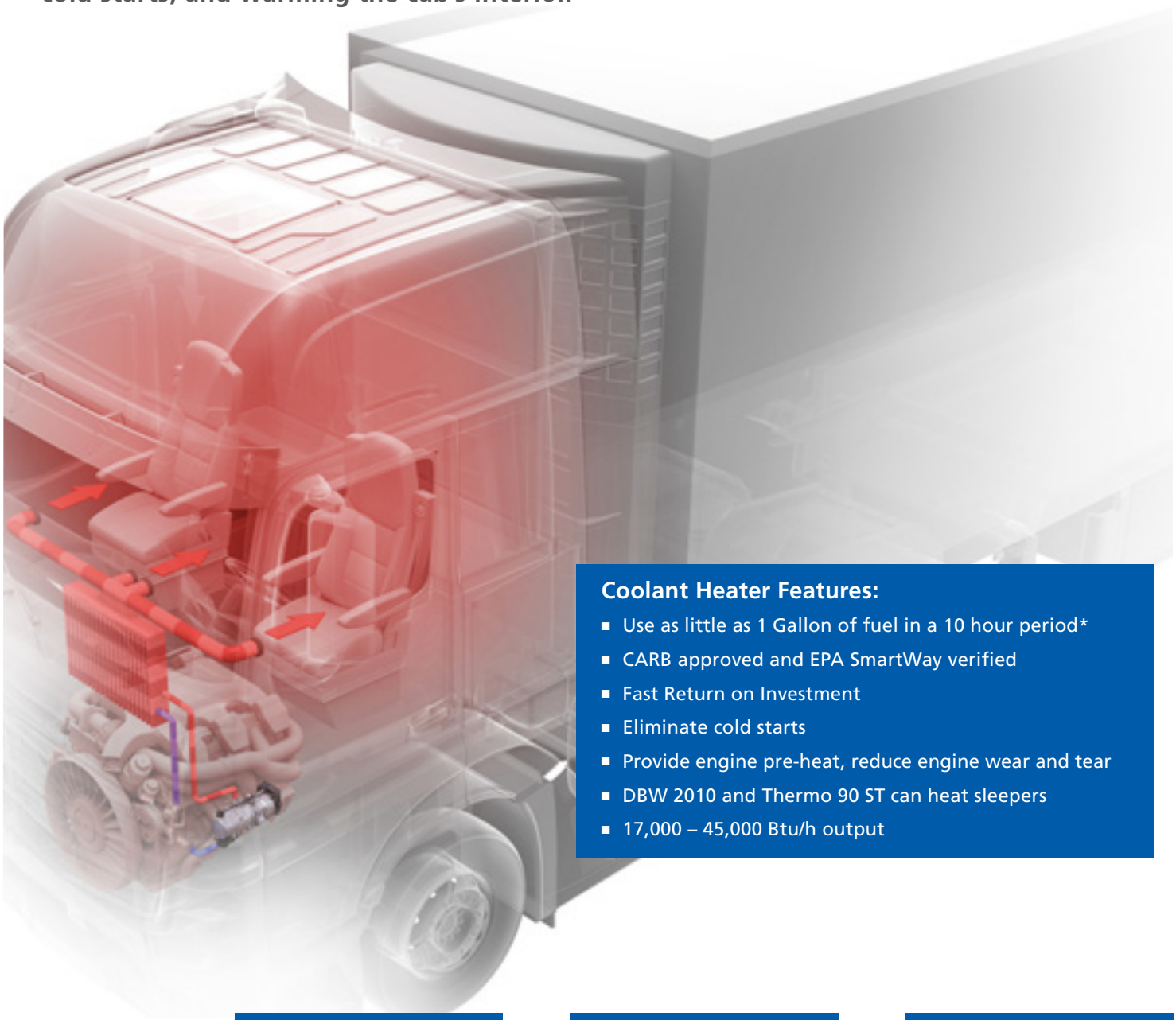
- Controls Webasto Air Top 2000 ST bunk heaters
- Large backlit LCD screen
- Displays heater fault codes
- Easy USB connection for PC diagnostics
- Displays set temperature and ambient bunk temperature
- Password protected options for preventive maintenance reminders, low voltage disconnect threshold, adjustable run time, Farenheit & Celsius measurements
- Menu language is available in English, French or Spanish

Easy USB Connection for PC Diagnotics

Ambient Temperature Sensor

Pre-heated Engines

Webasto coolant heaters get to work before you do, pre-heating the engine, eliminating cold starts, and warming the cab's interior.



Coolant Heater Features:

- Use as little as 1 Gallon of fuel in a 10 hour period*
- CARB approved and EPA SmartWay verified
- Fast Return on Investment
- Eliminate cold starts
- Provide engine pre-heat, reduce engine wear and tear
- DBW 2010 and Thermo 90 ST can heat sleepers
- 17,000 – 45,000 Btu/h output

Thermo Top C*

17,200 Btu/h

Thermo 90 ST

31,000 Btu/h

DBW 2010

45,000 Btu/h

BlueCool Systems

Webasto takes thermal storage technology one step further. In addition to pioneering the BlueCool Cold Energy Storage system Webasto offers the first ever Thermal Storage APU with Shore Power Connection: BlueCool Hybrid. Fleets and owner operators can have year round bunk comfort and cab electrification without idling.

BlueCool Thermal Storage APU Features:

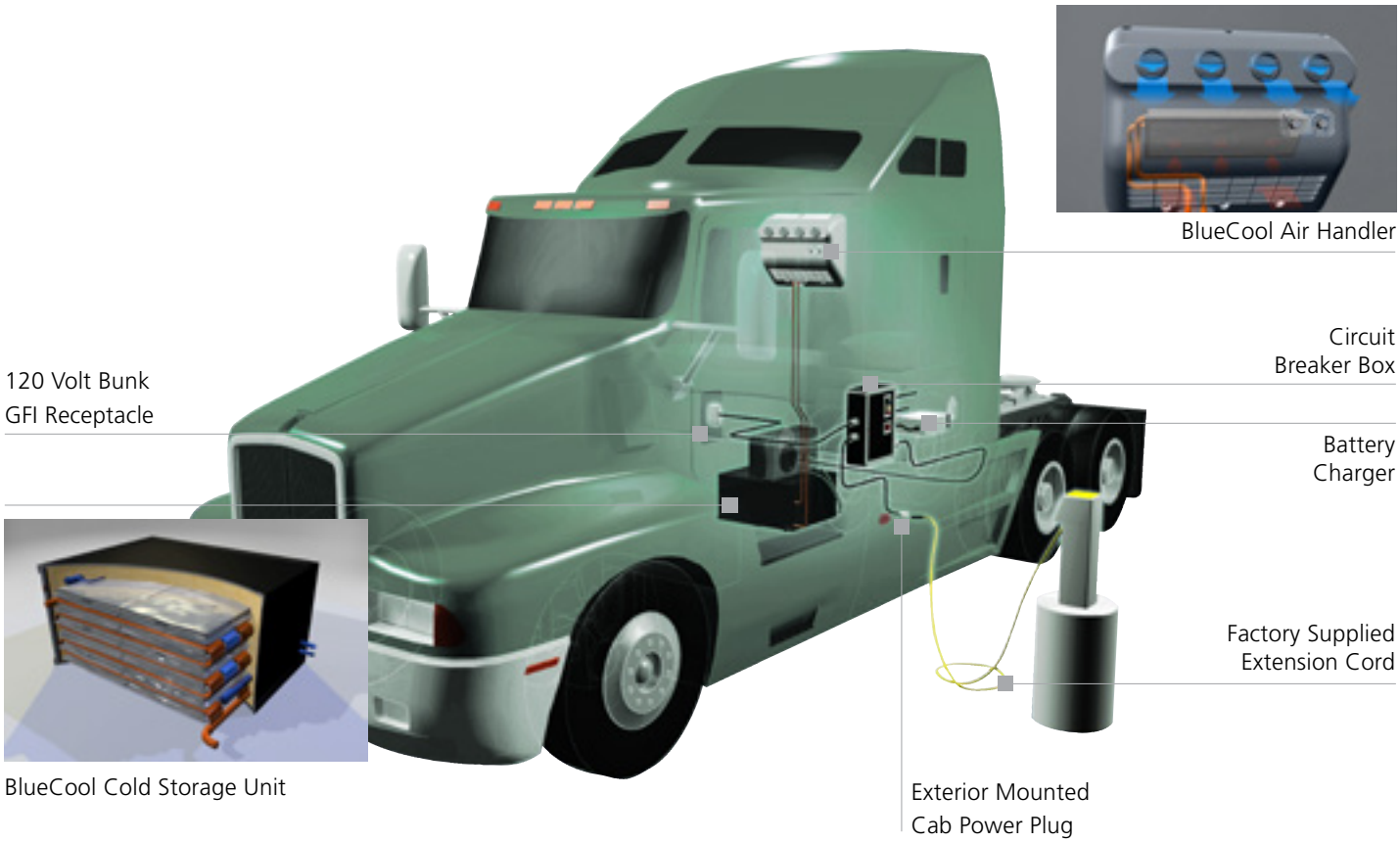
- Uses NO fuel & creates ZERO emissions when cooling the bunk
- Fast Return on Investment
- Runs for up to 10 hours on one charge without idling
- Cools bunk even at outside temperatures above 90°F
- Extremely quiet air handler allows personalized air flow and temperature control
- NO additional batteries required
- Virtually maintenance free
- Operates independently from the truck's air conditioning
- 17,000 BTU thermal storage

BlueCool Hybrid has all the features and benefits of the standard BlueCool plus:

- Unlimited cooling and comfort for extended stays
- Delivers maximum cooling performance without diminishing over time
- Cold Storage Unit can be charged/discharged simultaneously

Hotel Load

- Provides in-cab power for drivers to use 120 V appliances
- Charges the truck's batteries all year round (when plugged in)



Technical Specifications

Product	Output	Fuel Type	Fuel Consumption (Reduced/Full)	Rated Voltage	Power Consumption (Reduced/Full)	Dimensions L x W x H	Weight
Coolant Heating							
Thermo Top C	17,200 Btu/h 5 kW	Diesel, Gasoline, B20*	0.07 – 0.16 gal/h 0.29 – 0.61 l/h	12 / 24 V	2.6 – 3.8 Amps 32 - 46 Watts	9.125 x 4.125 x 6.44 in 232 x 105 x 163 mm	7 lbs 3.2 kg
Thermo 90 ST	31,000 Btu/h 7.6 kW	Diesel, Gasoline, B20*	0.05 – 0.27 gal/h 0.19 – 1.1 l/h	12 / 24 V	3 – 7.5 Amps 37 – 83 Watts	15.75 x 7.5 x 14 in 400 x 190 x 356 mm	35 lbs 16 kg
DBW 2010	45,000 Btu/h 13.1 kW	Diesel, B20**	0.4 gal/h 1.5 l/h	12 / 24 V	7.1 Amps 85 Watts	24 x 9.75 x 11.625 in 610 x 248 x 295 mm	65 lbs 29.5 kg
Air Heating							
Air Top 2000 ST	7,000 Btu/h 2 kW	Diesel, Gasoline, B20*	0.03 – 0.06 gal/h 0.12 – 0.24 l/h	12 / 24 V	1.25 – 2.5 Amps 29 Watts	12.25 x 4.78 x 4.84 in 311 x 120 x 121 mm	5.7 lbs 2.6 kg
Air Top Evo 3900	13,300 Btu/h 3.9 kW	Diesel, Gasoline, B20*	0.05 – 0.13 gal/h 0.19 – 0.49 l/h	12 / 24 V	3 – 7.5 Amps 37 – 83 Watts	16.75 x 5.75 x 6.375 in 423 x 148 x 162 mm	13 lbs 5.9 kg

*Approved for use with 5% PME. May be used with 20% PME with reduced service life. ** Approved for use with 5% PME.

Technical Specifications

BlueCool / BlueCool Hybrid	Specification
Thermal Storage	17,000 Btu/h / 5 kW
Power Consumption During Cooling	3.5 – 10 Amps
System Weight	326 lbs / 150 kg
Refrigerant	R134A
Thermal Storage Unit Dimensions	26 x 25.5 x 33 in / 660 x 650 x 850 mm
Air Handler Dimensions	20 x 24.5 x 8 in / 509 x 624x 204 mm
Air Flow (max output)	150 cfm / 88m³/h
Cooling Duration	Up to 10 hours / Unlimited *(Hybrid only)*
Noise	< 62 db (A)
Vehicle Battery System	4 - Starting Batteries. No Additional Batteries Required
Hotel Load	2 - 120 Volt AC Outlets w/GFCI Protection *(Hybrid only)*
Battery Charger	30 Amp *(Hybrid only)*

Product Availability

Product	Original Equipment	Dealership (Parts & Service)	Aftermarket
Coolant Heating			
Thermo Top C	Volvo, International, Mack	Freightliner, Western Star, International, Kenworth, Peterbilt, Volvo, Mack	Yes
Thermo 90 ST			
DBW 2010	Western Star, Kenworth		
Air Heating			
Air Top 2000 ST	Freightliner, International, Volvo, Mack, Western Star	Freightliner, Western Star, International, Kenworth, Peterbilt, Volvo, Mack	Yes
Air Top Evo 3900			
Cooling			
BlueCool Truck/Hybrid	Volvo	Freightliner, International, Kenworth, Peterbilt, Volvo, Mack	Yes

Webasto Thermo & Comfort
North America, Inc.

15083 North Road

Fenton, Michigan 48430

USA

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

www.webasto.com

Part Number 909012 • 3/13 • Subject to technical changes without notice • Printed in USA • © Webasto Thermo & Comfort North America, Inc. 2013