

Webasto
Feel the Drive

Climate Control Systems for Work Vehicles



2025

Webasto

VEHICLE HEATING
COOLING SYSTEMS

Webasto



**INDUSTRY LEADER
IN SALES, PRODUCT
TRAINING AND
TECHNICAL SUPPORT**

(833) GO WEBASTO

IN-VEHICLE HEATING AND COOLING SYSTEMS

Webasto

- Versatile VAC and HVAC Systems
- Independent & Tie-in Kits
- Compartment & Cargo Climate Control



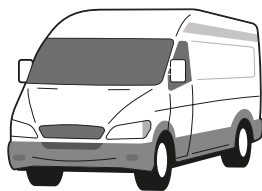
(833) GO WEBASTO

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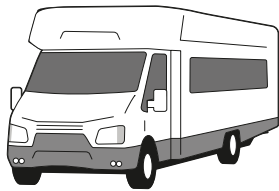
Application examples

Light and Medium Duty/ Work Vehicles



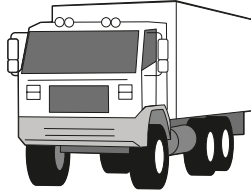
- Passenger compartment air conditioning
- Standard rooftop and integrated systems for different mounting positions
- Variety of accessories for the perfect tailored climate solution
- Automatic climate control options available

Shuttle Bus



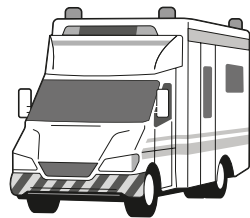
- Passenger compartment air conditioning up to 30 seats
- Standard rooftop and integrated systems for different mounting positions
- Optional with heating and fresh air function
- Variety of accessories for the perfect tailored climate solution
- Automatic climate control options available

Cargo



- Air conditioning of the cargo compartment
- Standard Webasto or customer-specific solution
- Climate zone design according to customer specification
- Automatic climate control options available

Specialty Vehicles



- Air conditioning of the driver's and/or cargo compartment
- Standard Webasto or customer-specific solution
- Climate zone design according to customer specification
- Automatic climate control options available

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

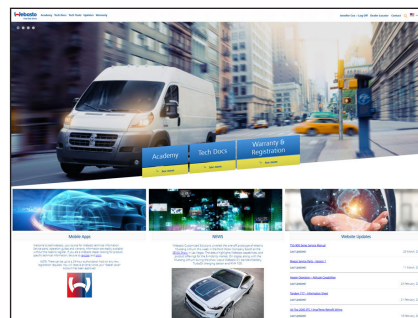
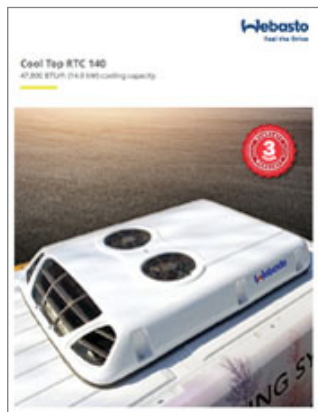
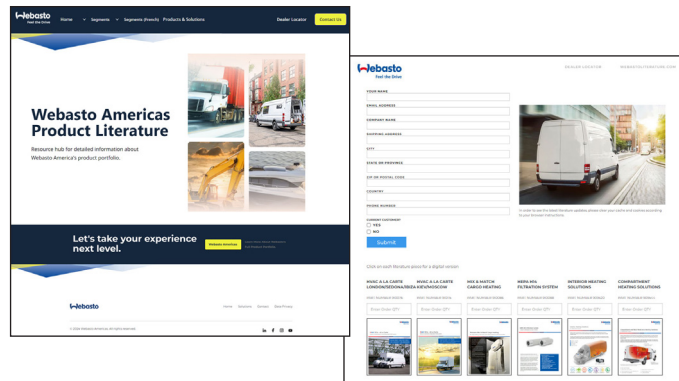


Your commitment has led Webasto to enjoy an excellent reputation as the leading manufacturer of innovative, high quality air conditioning and heating solutions engineered for high capacity, efficiency and reliability.

Customer excellence is our main focus. Our goal is to surpass the expectations of our partners and customers. For this reason, Webasto products are sold and installed through our network of authorized dealers and distributors, staffed with professionally trained sales people and technical experts worldwide.

We value the relationship we have built with suppliers, partners, corporate customers, and end users. We are confident that long-lasting relationships can only be maintained based on quality products, excellent service, professionalism and integrity of our employees.

We are here to support you



Webasto Literature Website

- **WebastoLiterature.com**
- Easily access PDF to all Webasto literature
- User-friendly ordering to precisely and immediately place a literature order

Marketing Documentation & Materials

- Marketing materials: product brochures and flyers
- Product video and data sheets
- Dealer packages

Webasto Website - HVAC Solutions

- **webasto.com**
- Quick and appealing product guide
- Custom HVAC solutions
- International dealer locator

TechWebasto

- **TechWebasto.com**
- Easy access to complete Webasto documentation
- Powerful search and download tools
- Login-protected access to technical data and applications

Roof-top
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units



Rooftop air conditioning systems

12,000 to 47,000 BTU/h (3.5 to 13.8 kW) cooling capacity



Superior climate control for buses, work trucks and agricultural vehicles.

This series of rooftop air conditioning systems is ideal for a broad scope of commercial vehicles. The range starts from mini buses up to 12 passengers to specialty vehicles and box trucks.

Made with quality, durable components for high reliability, low maintenance and long service life.

A variety of installation kits are available that include items such as refrigerant hoses, fittings, wiring harnesses and controllers.

Air distributors and ducting options are also available.

- Compact design facilitates installation in a variety of vehicle categories
- High efficiency
- Durable, top quality components with long service life
- Easy installation and minimal maintenance requirements

NEW



RTC 140

47,800 BTU/h
(14.0 kW) of cooling



Compact Cooler 5

17,000 BTU/h
(5.0 kW) of cooling



Compact Cooler 4E (Electric)

12,000 BTU/h
(3.5 kW) of cooling

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

Cool Top RTC 140

47,800 BTU/h (13.8 kW) cooling capacity

NEW



Suggested Application:

Best suited for driver compartment cooling

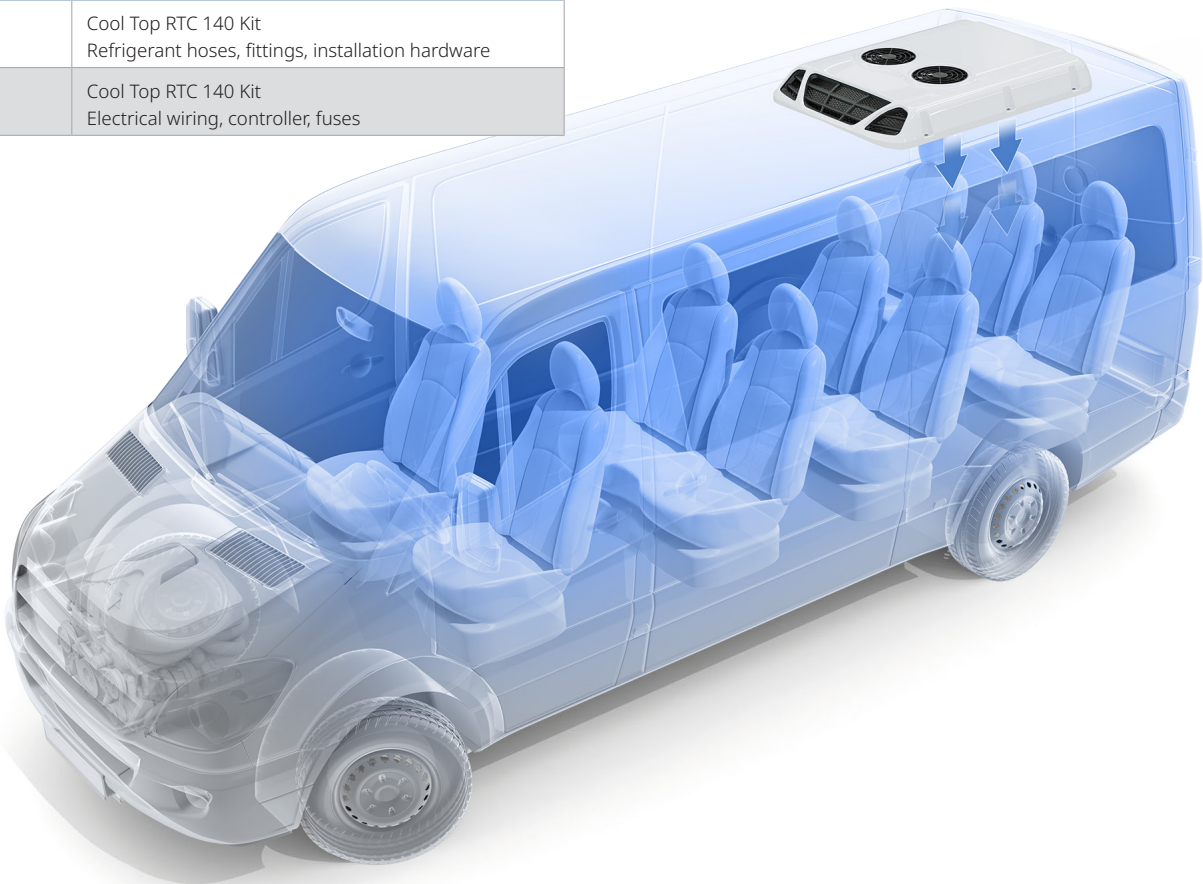
- Rooftop cooling unit
- Air recirculation mode
- 12 Volt (or 24 Volt models available upon request)
- Requires auxiliary A/C compressor

Cool Top RTC 140 (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
4520994	47,800 BTU/h (14.0 kW)	R134a	12 V	80 A	1,176 cfm (1,998 m³/h)	62.99 x 45.27 x 8.03 in (1600 x 1150 x 204 mm)	110 lbs (50 kg)

* see page 57 for ModulAir 3 ducting options

Part Number	Description
4520916	Cool Top RTC 140 Kit Refrigerant hoses, fittings, installation hardware
4520915	Cool Top RTC 140 Kit Electrical wiring, controller, fuses



Superior climate control

The NEW Cool Top RTC 140 rooftop air conditioning system is ideal for medium sized passenger and shuttle vehicles up to 12 passengers.

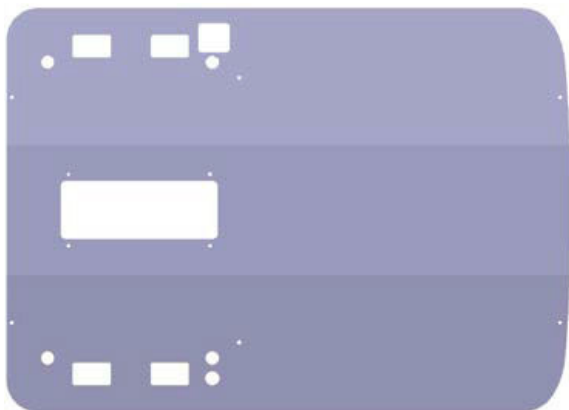
Made with quality, durable components for high reliability, low maintenance and long service life.

The RTC 140 incorporates a lightweight, integrated composite plastic frame with excellent strength to weight ratio. The system was designed for optimal performance and air flow while maintaining a low profile with quiet operation.

A variety of compatible installation kits that include wiring & controller harnesses, refrigerant and coolant plumbing and ModulAir 3 ducting are available separately.

Cool Top RTC 140 Features:

- Cooling capacity 47,800 BTU/h (14 kW)
- Optional heating capacity 40,900 BTU/h (12 kW)
- Side air distribution with central return air
- Low profile less than 8 in. (203 mm) in height
- Lightweight, integrated composite plastic frame
- Automatic digital controller standard
- Wiring, plumbing and installation hardware kits available
- Superior climate control



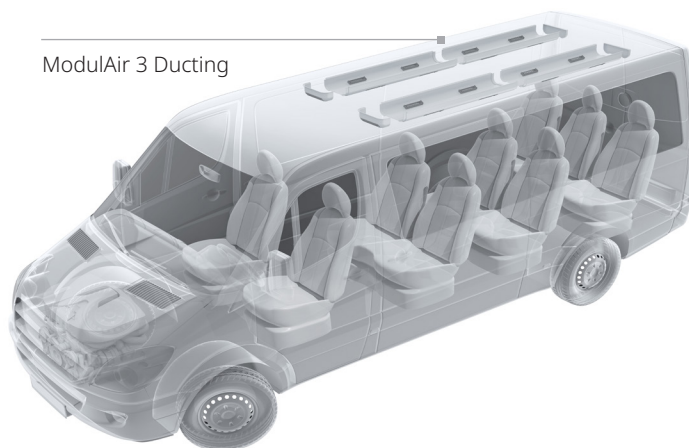
System Footprint and Cut Out Openings



ModulAir 3 Ducting



Cool Top Digital Controller



Compact Cooler 5

17,000 BTU/h (5.0 kW) cooling capacity



Suggested Application:

Best suited for small- & medium-sized passenger/cargo areas.

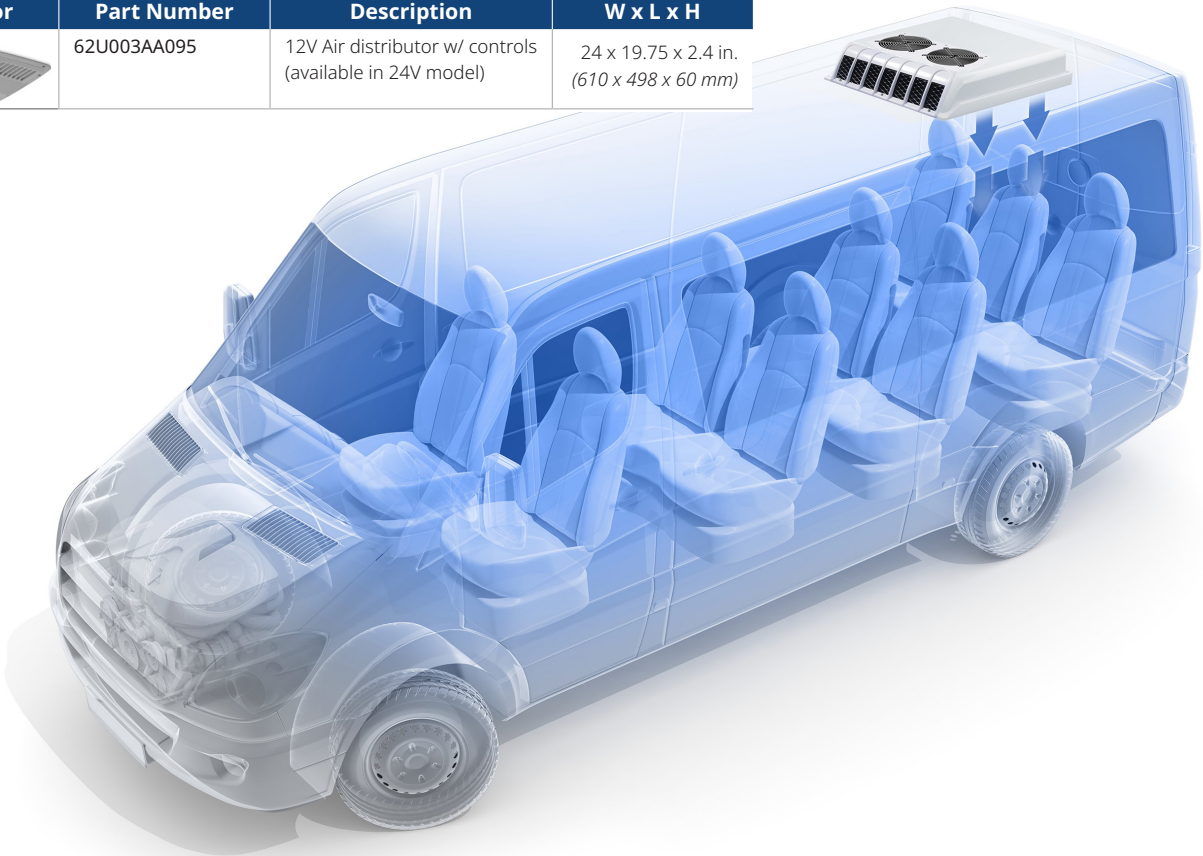
- Rooftop cooling unit
- Air recirculation mode
- 12 Volt (or 24 Volt models available upon request)
- Requires auxiliary A/C compressor

Compact Cooler 5 Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
9023843*	17,000 BTU/h (5.0 kW)	R134a	12 V	15 A	477 cfm (630 m³/h)	29.5 x 30 x 6.5 in (750 x 760 x 165 mm)	58.5 lbs (26.5 kg)

*Air distributor with controls included

Air Distributor	Part Number	Description	Dimensions W x L x H
	62U003AA095	12V Air distributor w/ controls (available in 24V model)	24 x 19.75 x 2.4 in. (610 x 498 x 60 mm)



Compact Cooler 4E Electric Air Conditioning System

12,000 BTU/h (3.5 kW) cooling capacity



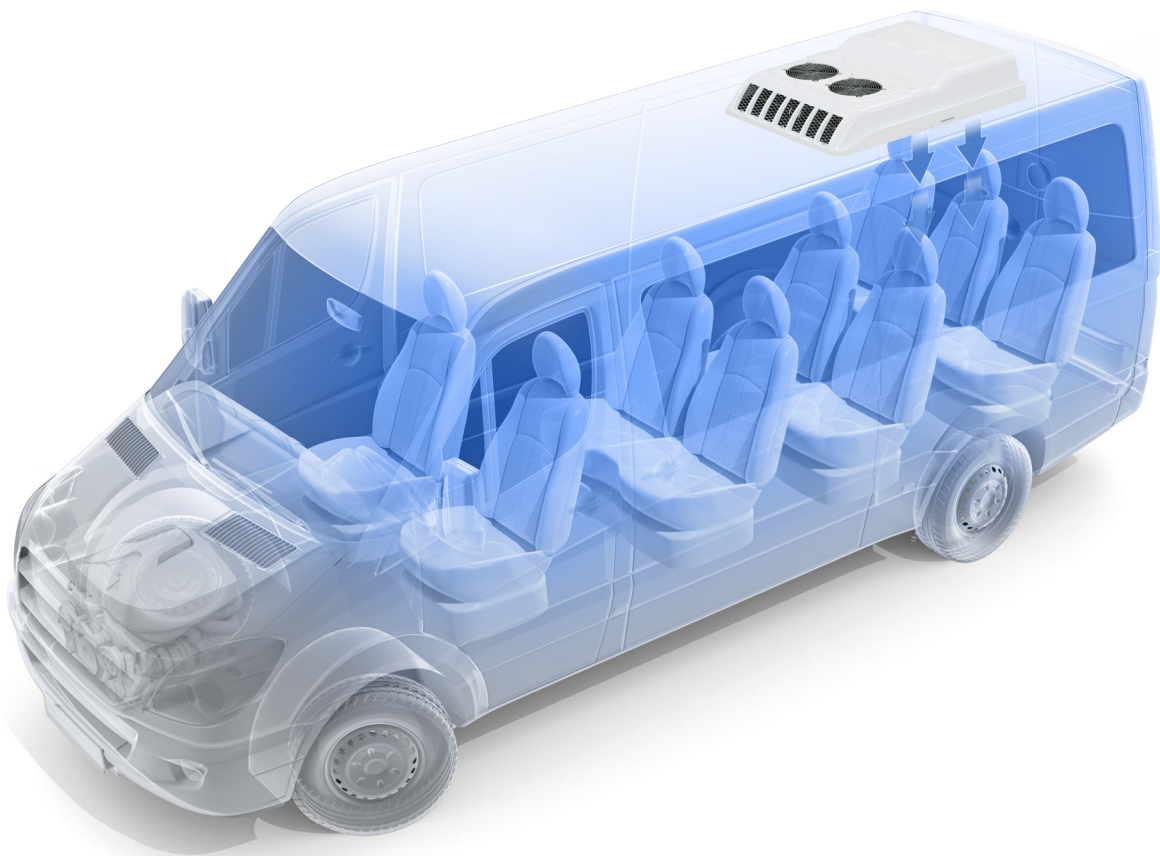
Suggested Application:

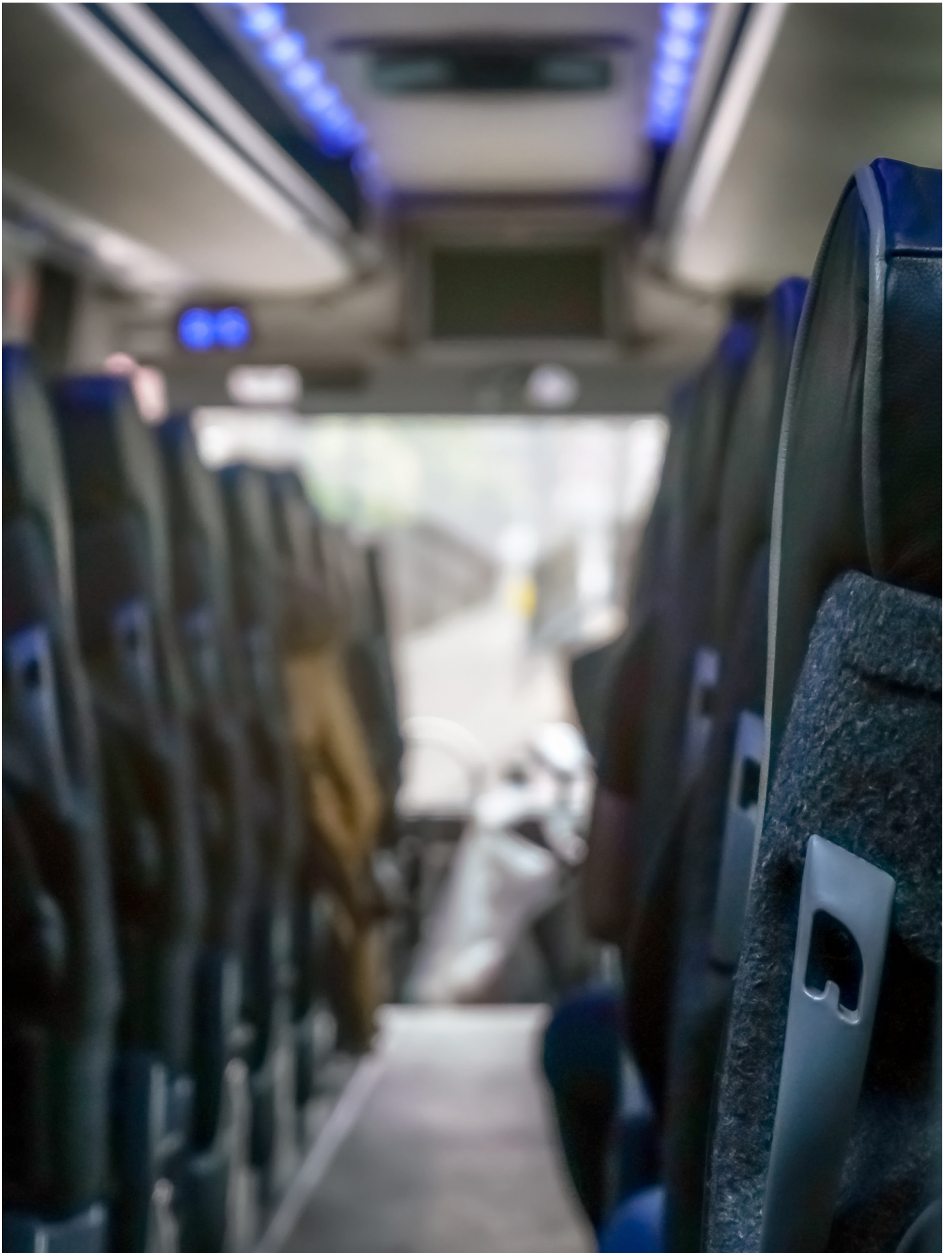
Best suited for driver compartment cooling.

- Electric rooftop cooling unit
- Air recirculation mode
- 24 Volt
- Low install time
- No A/C plumbing or compressor required
- Air distributor included
- Power / Ground Cables for Vehicle side connection not included

Compact Cooler 4E Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (24 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
9023839	12,000 BTU/h (3.5 kW)	R134a, CFC-free	24 V	68 A	324 cfm (550 m³/h) w/ air distributor plate	43.7 x 30.1 x 8.5 in (1,110 x 774 x 215 mm)	115 lbs (52.0 kg)





Split air conditioning and heating systems

13,650 to 45,700 BTU/h (4.0 to 13.4 kW) cooling capacity

29,000 to 44,500 BTU/h (8.5 to 13.0 kW) heating capacity



This complete line of split system components ensures ideal climate in a variety of commercial vehicles ranging from mini busses to specialty vehicles such as ambulances, fire apparatus, agricultural and construction vehicles. These climate control system components allow for a variety of vehicle integration such as against vehicle ceilings, in bulkhead areas, vertical wall and floor mount arrangements.

With high efficiency, high durability fans and blowers, these air conditioning solutions are reliable and have an extensive service life.

A variety of available accessories and kits for vehicle-specific installation includes rooftop or under-chassis condensers, control units, air vents and ducting.

For complete climate control, HVAC models also feature a heating function with variable temperature control.

- Versatile options for installation positions facilitate optimum integration in various vehicle designs
- High efficiency
- Durable, highest quality components
- Low maintenance



Horizontal Cooling Only Evaporator Units	Oakland	Glasgow	Sedona	Moscow
Cooling capacity	13,650 BTU/h (4.0 kW)	21,150 BTU/h (6.2 kW)	32,500 BTU/h (9.5 kW)	45,700 BTU/h (13.4 kW)



Vertical Cooling Only Evaporator Units	Osaka	Marbella
Cooling capacity	15,700 BTU/h (4.6 kW)	31,000 BTU/h (9.0 kW)



Horizontal Heating and Cooling Evaporator Units	Oslo	London	Kiev
Cooling capacity	21,150 BTU/h (6.2 kW)	32,500 BTU/h (9.5 kW)	45,700 BTU/h (13.4 kW)
Heating capacity	29,000 BTU/h (8.5 kW)	44,500 BTU/h (13.0 kW)	39,000 BTU/h (11.4 kW)



Vertical Heating and Cooling Evaporator Units	Ibiza
Cooling capacity	31,000 BTU/h (9.0 kW)
Heating capacity	41,000 BTU/h (12.0 kW)

Rooftop Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution Accessories

Control Units

Oakland

13,650 BTU/h (4.0 kW) cooling capacity



Suggested Application:

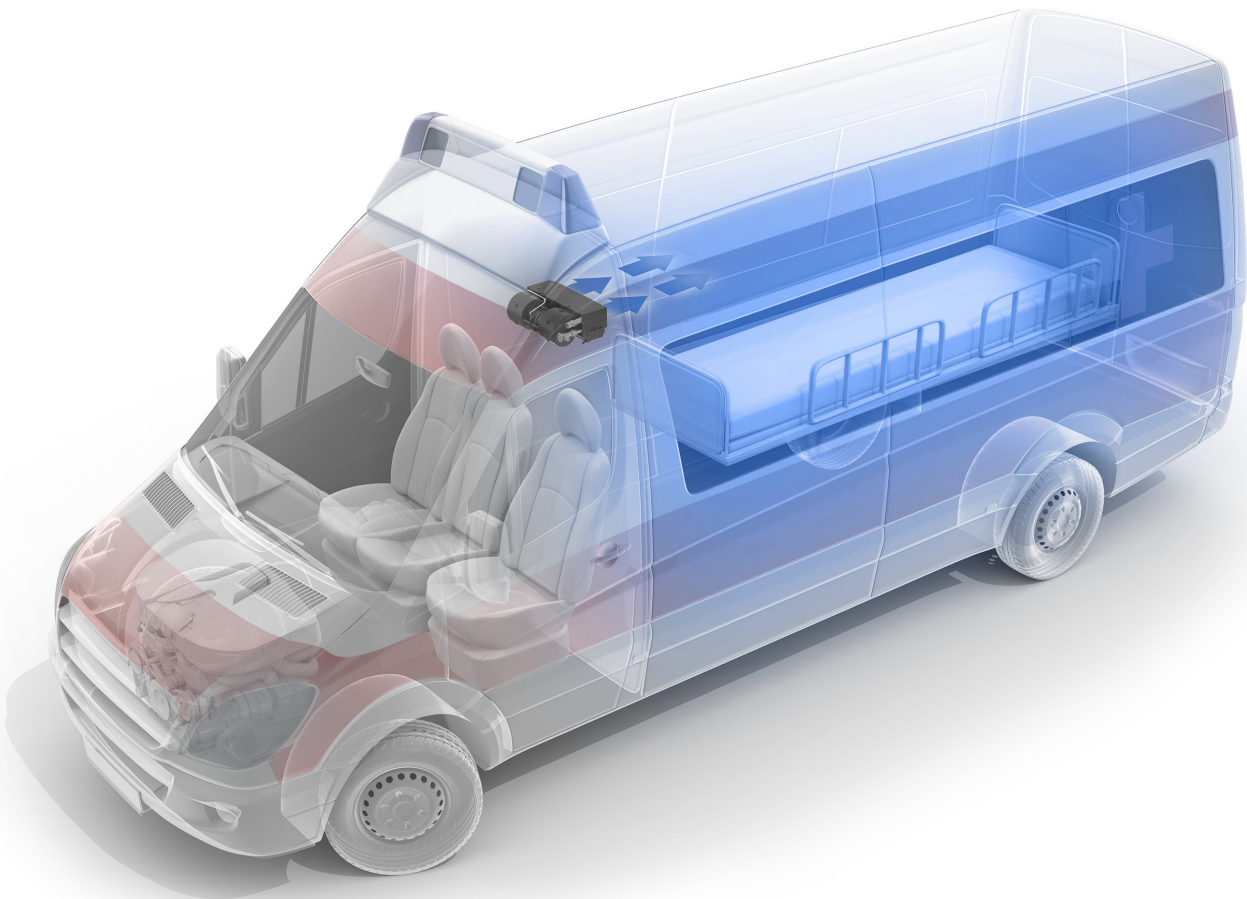
Best suited for commercial, agricultural & construction vehicles.

- Low profile, horizontal cooling unit
- Horizontal cooling unit
- 12 Volt (or 24 Volt models available upon request)
- Does not contain freeze protection thermostat

Air distributor & ducting options page 58

Oakland (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003FF084ED	13,650 BTU/h (4.0 kW)	R134a	12 V	11 A	265 cfm (450 m³/h)	15.4 x 9.25 x 4.9 in (390 x 235 x 125 mm)	7.7 lbs (3.5 kg)



Glasgow

21,150 BTU/h (6.2 kW) cooling capacity



Suggested Application:

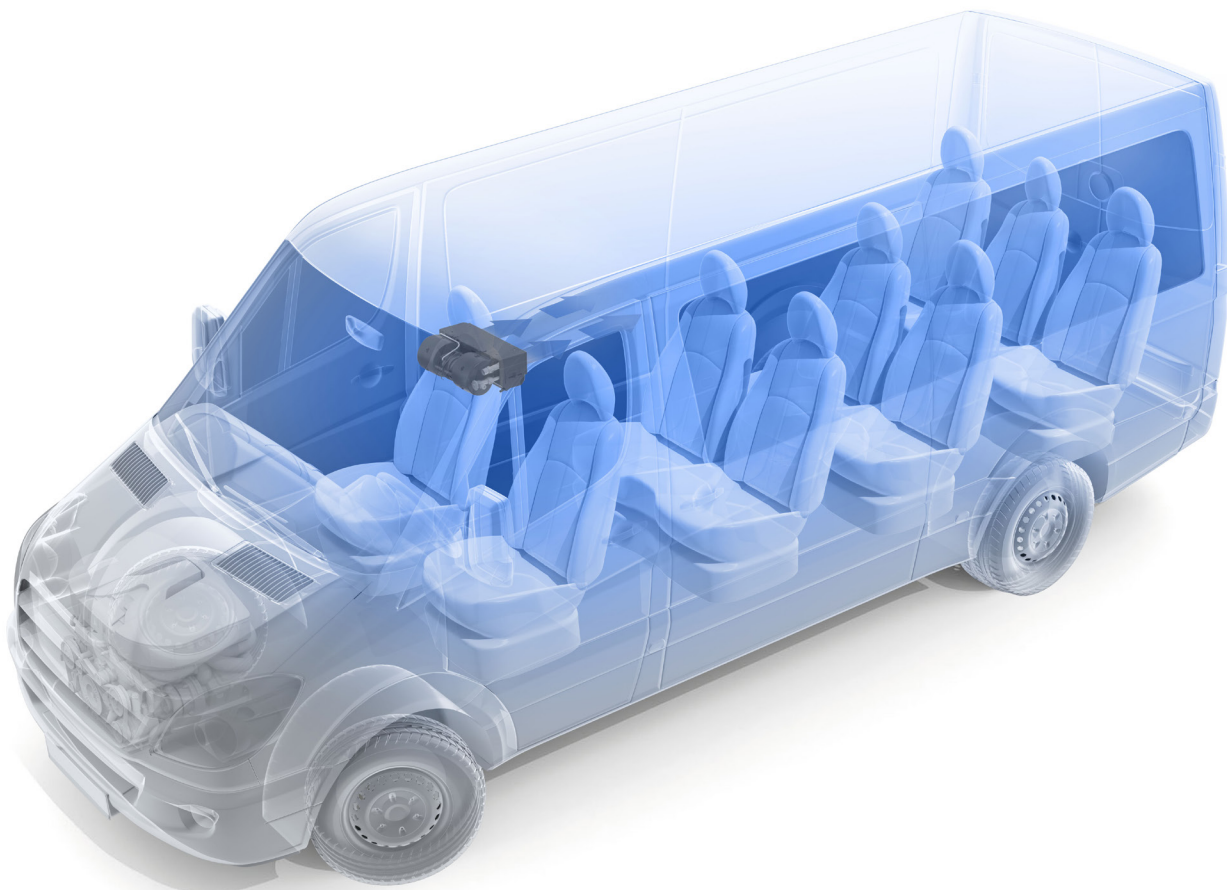
Best suited for commercial, agricultural & construction vehicles.

- Low profile, horizontal cooling unit
- 12 Volt (24 Volt models available upon request)
- Does not contain freeze protection thermostat
- Freeze protection thermostat optional (Part Number 5012783)

Air distributor & ducting options page 56 & 59

Glasgow (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003FF054E	21,150 BTU/h (6.2 kW)	R134a	12 V	14.8 A	383 cfm (650 m ³ /h)	15.7 x 14.2 x 6.5 in (400 x 360 x 165 mm)	10.5 lbs (4.7 kg)



Sedona

32,500 BTU/h (9.5 kW) cooling capacity

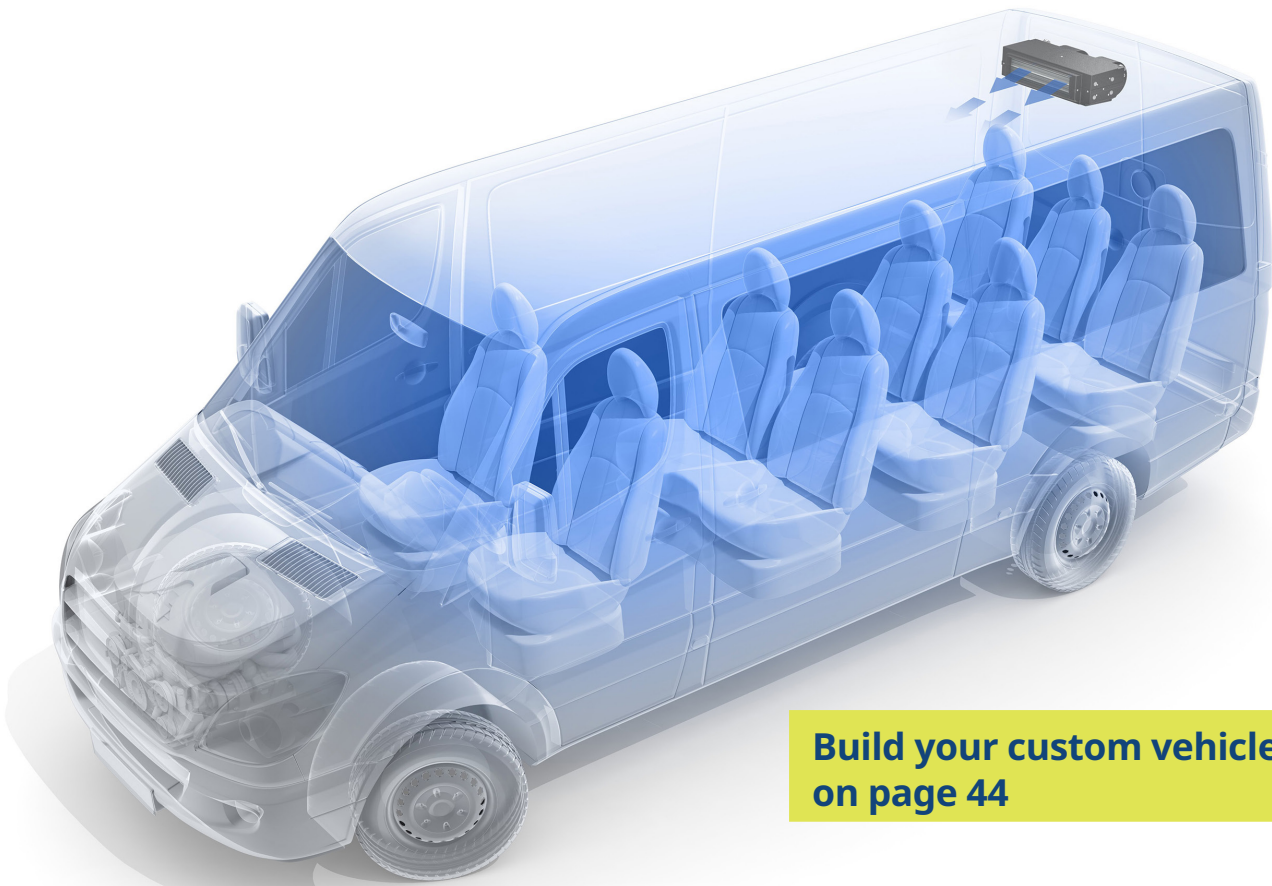


Suggested Application:
Best suited for commercial, agricultural & construction vehicles.

- Low profile, horizontal cooling unit
- 12 Volt (24 Volt models available upon request)
- Brushless blower motor variant available
- Does not include freeze protection thermostat
- Freeze protection thermostat optional (Part Number 5013838)

Sedona (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
5014133	32,500 BTU/h (9.5 kW)	R134a	12 V	22 A	471 cfm (800 m³/h)	21.7 x 15.7 x 7.1 in (550 x 400 x 180 mm)	14.8 lbs (6.7 kg)



Build your custom vehicle kit on page 44

Moscow

45,700 BTU/h (13.4 kW) cooling capacity



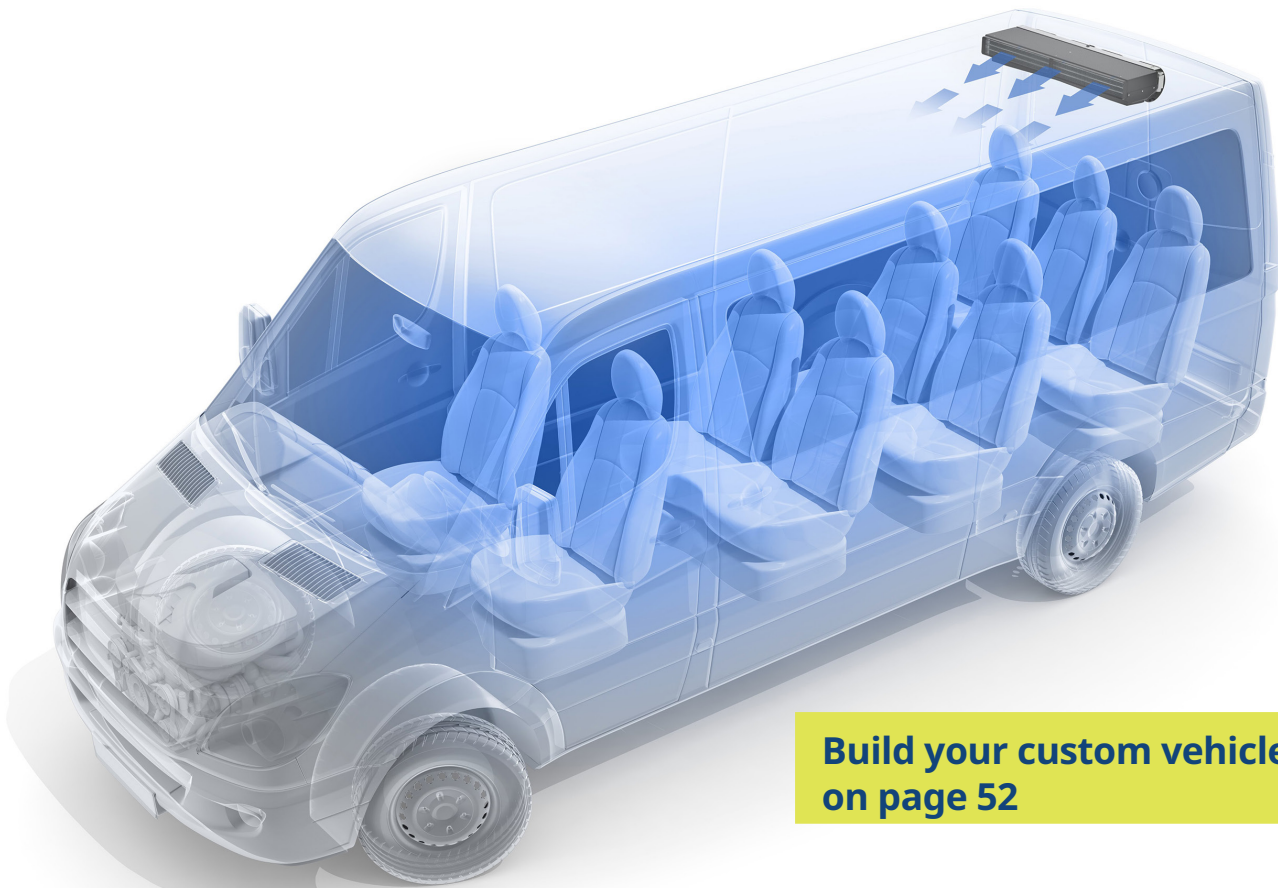
Suggested Application:

Best suited for commercial transporation vehicles.

- High capacity, low profile, horizontal cooling unit
- 12 Volt (24 Volt models available upon request)
- Contains freeze protection thermostat

Moscow (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003FF064E	45,700 BTU/h (13.4 kW)	R134a	12 V	19 A	589 cfm (1,000 m³/h)	33.7 x 14 x 7 in (856 x 355 x 170 mm)	25.3 lbs (11.5 kg)



Build your custom vehicle kit on page 52

Osaka

15,700 BTU/h (4.6 kW) cooling capacity



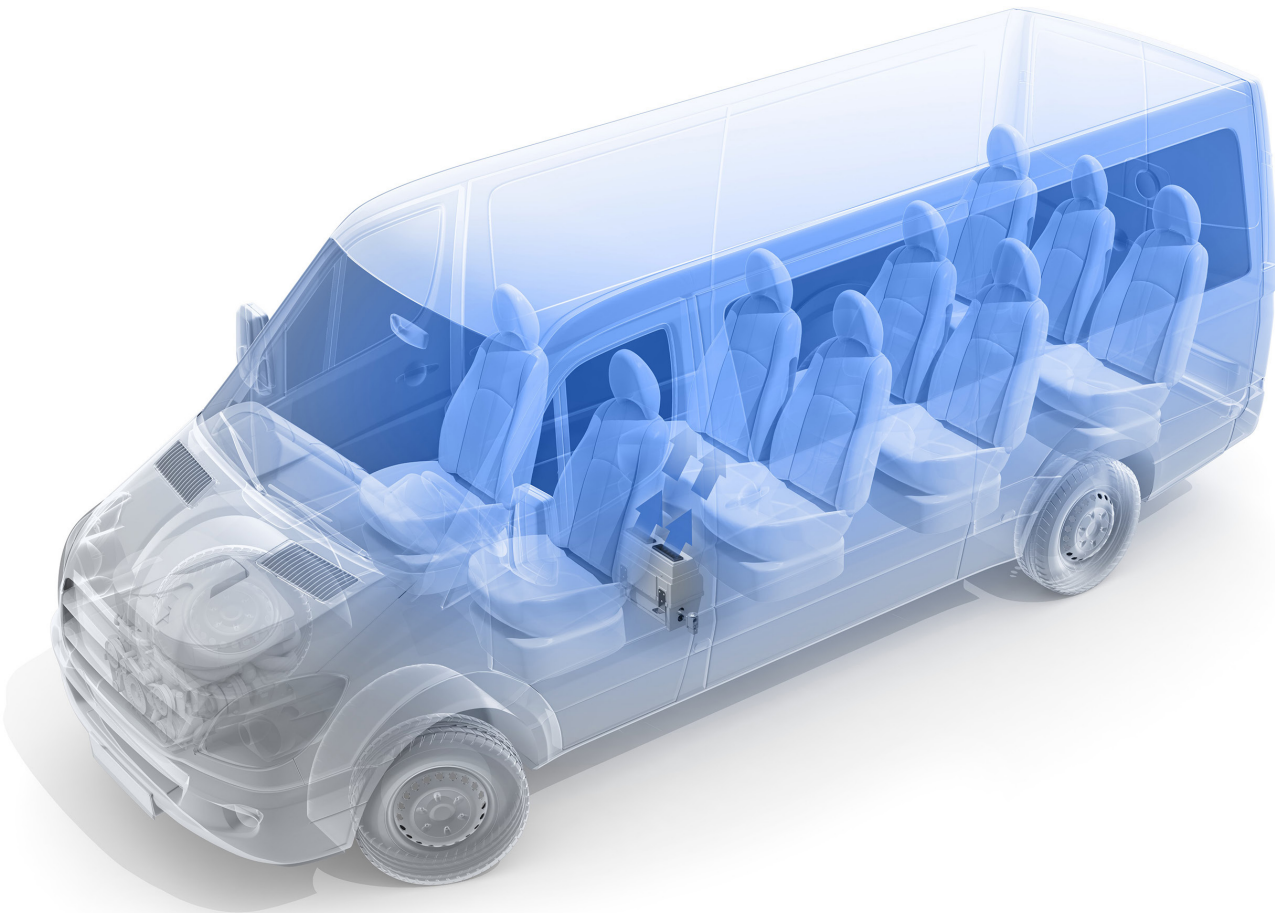
Suggested Application:

Best suited for commercial, agricultural & construction vehicles.

- Vertical cooling unit
- 12 Volt (24 Volt models available upon request)
- Grey finish
- Contains freeze protection thermostat

Osaka (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003FF069E	15,700 BTU/h (4.6 kW)	R134a	12 V	9.5 A	206 cfm (350 m³/h)	16 x 6.5 x 12.6 in (410 x 165 x 320 mm)	12 lbs (5.5 kg)



Marbella

31,000 BTU/h (9.0 kW) cooling capacity



Suggested Application:

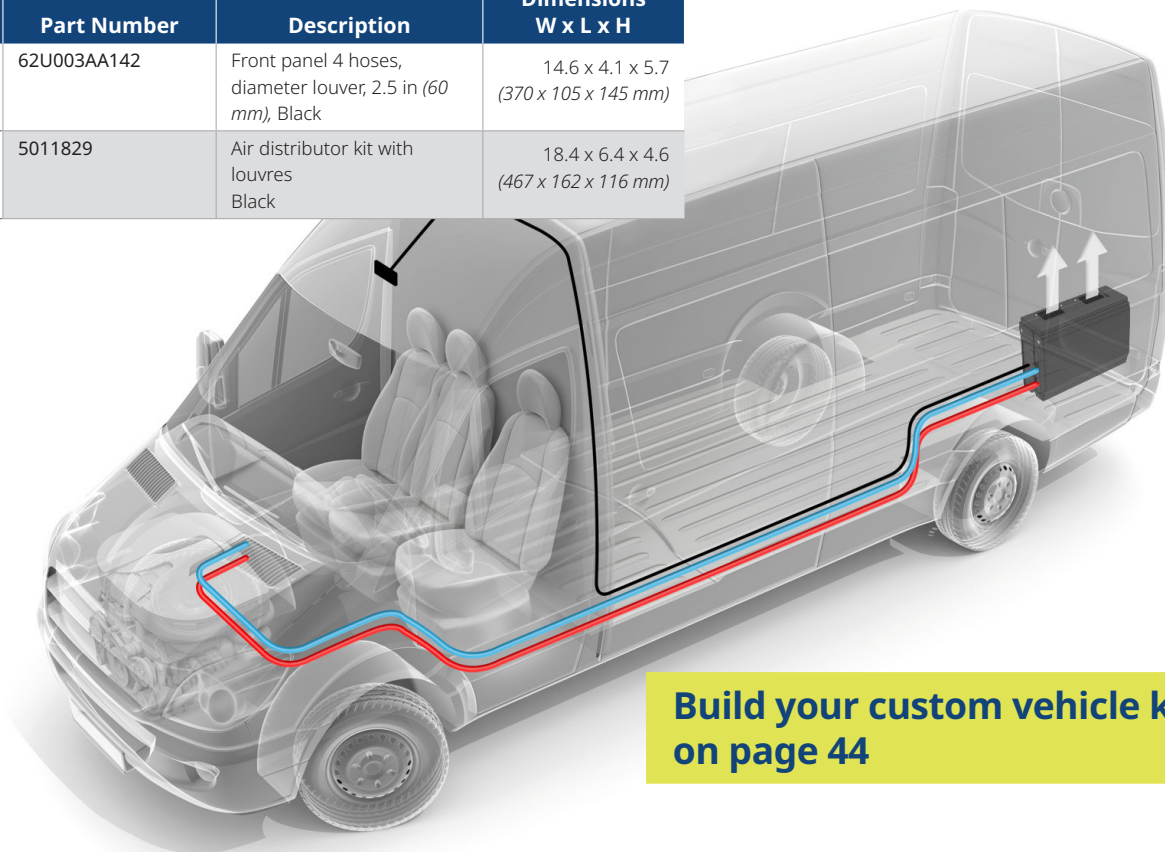
Best suited for commercial, agricultural & construction vehicles.

- Vertical cooling unit
- 12 Volt (24 Volt models available upon request)
- Contains freeze protection thermostat

Marbella (VAC) Specifications

Part Number	Cooling Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003FF096E	31,000 BTU/h (9.0 kW)	R134a	12 V	20.5 A	471 cfm (800 m ³ /h)	25.2 x 7.1 x 14 in (640 x 180 x 355 mm)	17.6 lbs (8 kg)

Air Distributors	Part Number	Description	Dimensions W x L x H
	62U003AA142	Front panel 4 hoses, diameter louver, 2.5 in (60 mm), Black	14.6 x 4.1 x 5.7 (370 x 105 x 145 mm)
	5011829	Air distributor kit with louvers Black	18.4 x 6.4 x 4.6 (467 x 162 x 116 mm)



Build your custom vehicle kit on page 44

Oslo

21,150 BTU/h (6.2 kW) cooling capacity | 29,000 BTU/h (8.5 kW) heating capacity



Suggested Application:

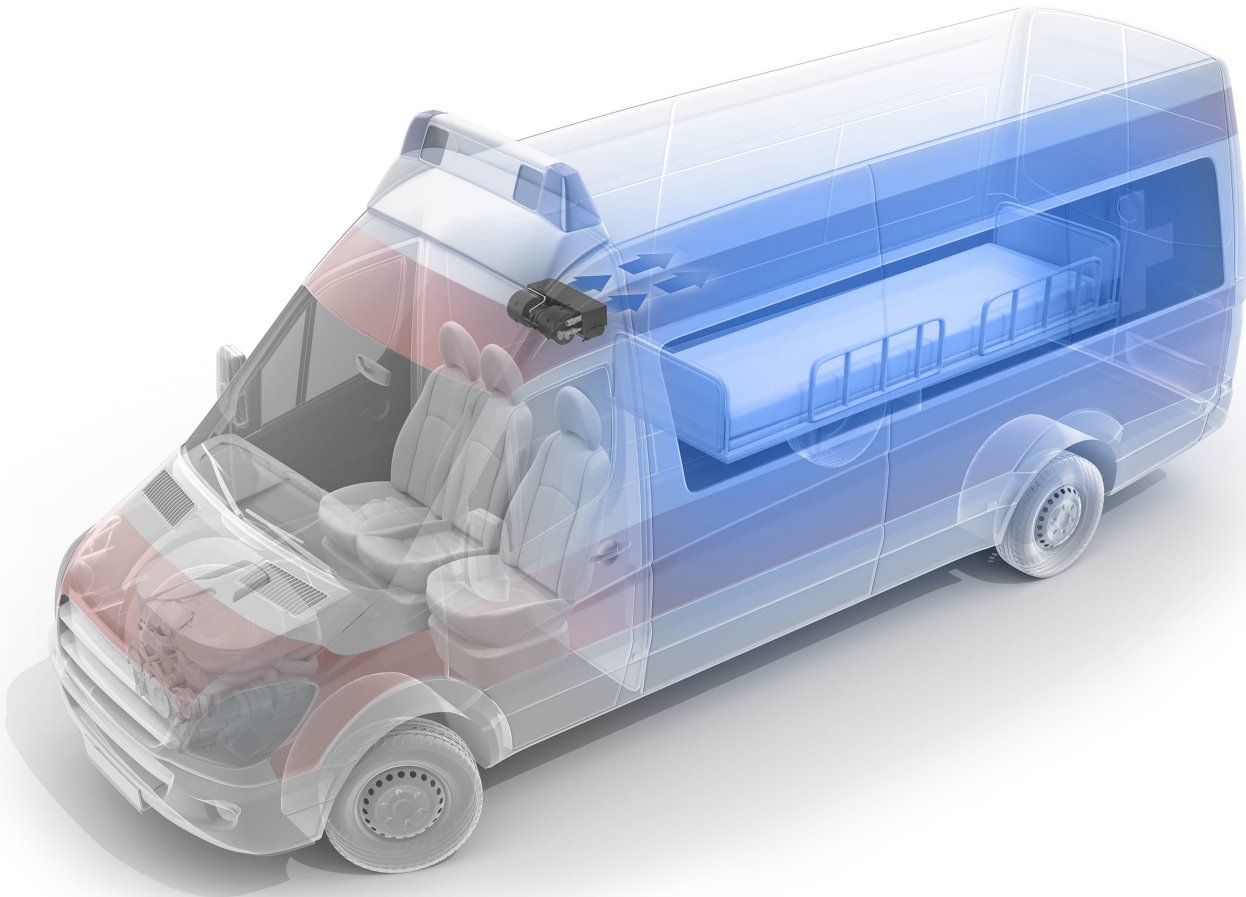
Best suited for commercial, agricultural & construction vehicles.

- Low profile, horizontal heating and cooling unit
- 12 Volt (24 Volt models available upon request)
- Variable temperature control
- Does not contain freeze protection thermostat
- Freeze protection thermostat optional (Part Number 5012873)

Air distributor & ducting options page 56 & 59

Oslo (HVAC) Specifications

Part Number	Cooling Capacity	Heating Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CF041E	21,150 BTU/h (6.2 kW)	29,000 BTU/h (8.5 kW)	R134a	12 V	15.8 A	383 cfm (650 m³/h)	15.7 x 14.2 x 6.5 in (400 x 360 x 165 mm)	11.7 lbs (5.3 kg)



London

32,500 BTU/h (9.5 kW) cooling capacity | 44,500 BTU/h (13.0 kW) heating capacity



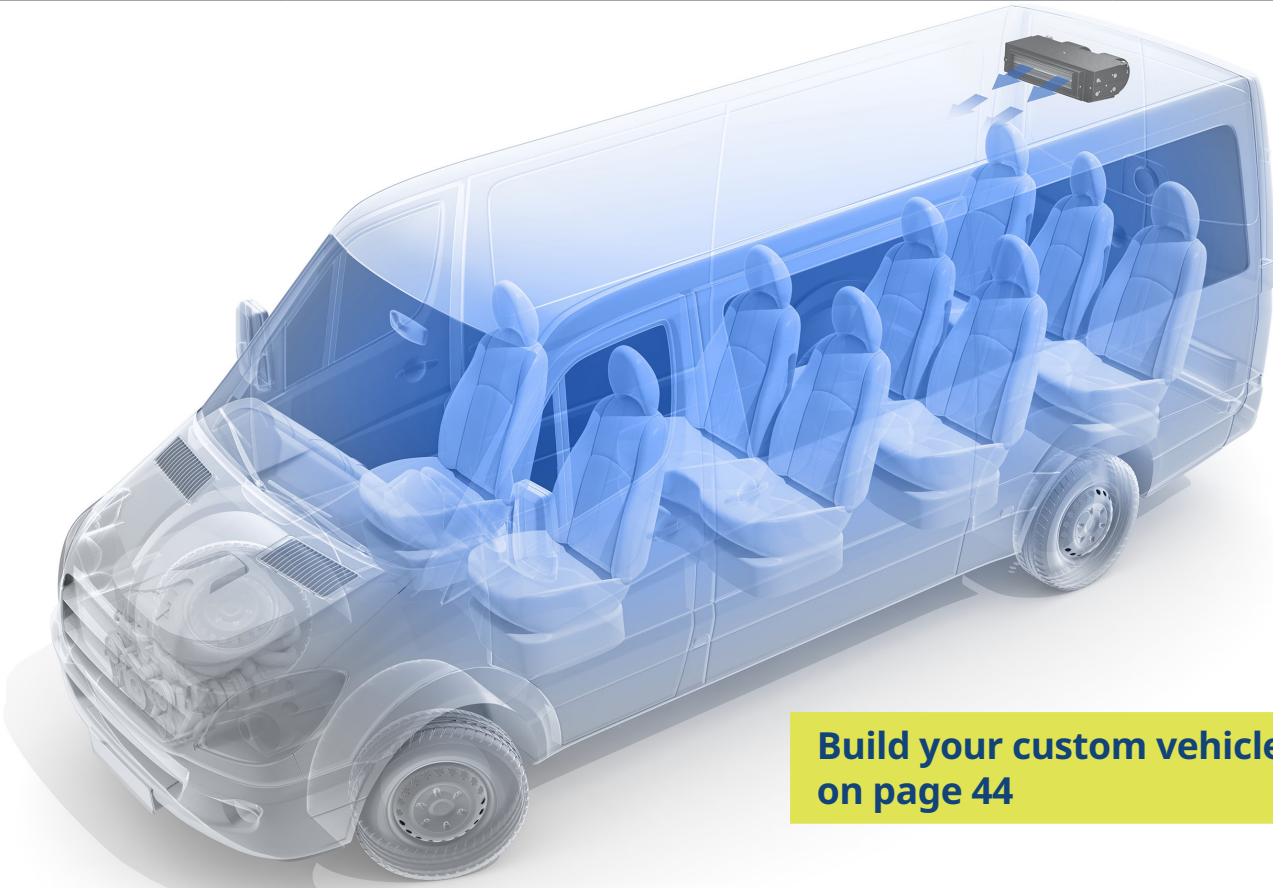
Suggested Application:

Best suited for commercial, agricultural & construction vehicles.

- High capacity, low profile, horizontal heating and cooling unit
- 12 Volt (24 Volt models available upon request)
- Variable temperature control
- Brushless blower motor variant available
- Does not include freeze protection thermostat
- Freeze protection thermostat optional (Part Number 5013838)

London (HVAC) Specifications

Part Number	Cooling Capacity	Heating Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
5014132	32,500 BTU/h (9.5 kW)	44,500 BTU/h (13.0 kW)	R134a	12 V	21 A	471 cfm (800 m³/h)	21.7 x 15.7 x 7.1 in (550 x 400 x 180 mm)	17 lbs (7.7 kg)



Build your custom vehicle kit on page 44

Kiev

45,700 BTU/h (13.4 kW) cooling capacity | 39,000 BTU/h (11.4 kW) heating capacity



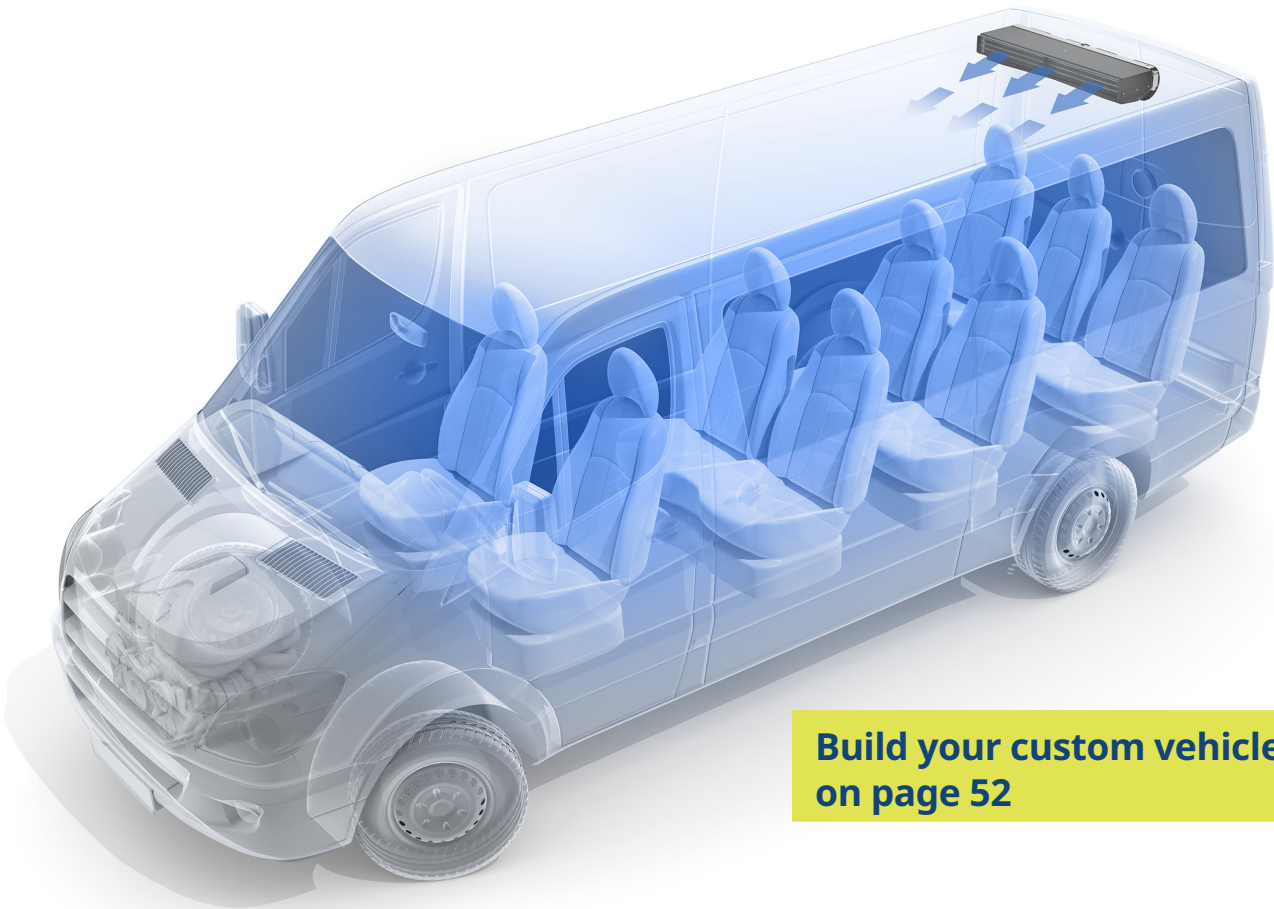
Suggested Application:

Best suited for commercial transportation vehicles.

- High capacity, low profile, horizontal heating and cooling unit
- 12 Volt (24 Volt models available upon request)
- Variable temperature control
- Contains freeze protection thermostat

Kiev (HVAC) Specifications

Part Number	Cooling Capacity	Heating Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CF051E	45,700 BTU/h (13.4 kW)	39,000 BTU/h (11.4 kW)	R134a	12 V	18 A	589 cfm (1,000 m³/h)	33.7 x 14 x 7 in (856 x 355 x 170 mm)	27.6 lbs (12.5 kg)



Build your custom vehicle kit on page 52

Ibiza

31,000 BTU/h (9.0 kW) cooling capacity | 41,000 BTU/h (12.0 kW) heating capacity



Suggested Application:

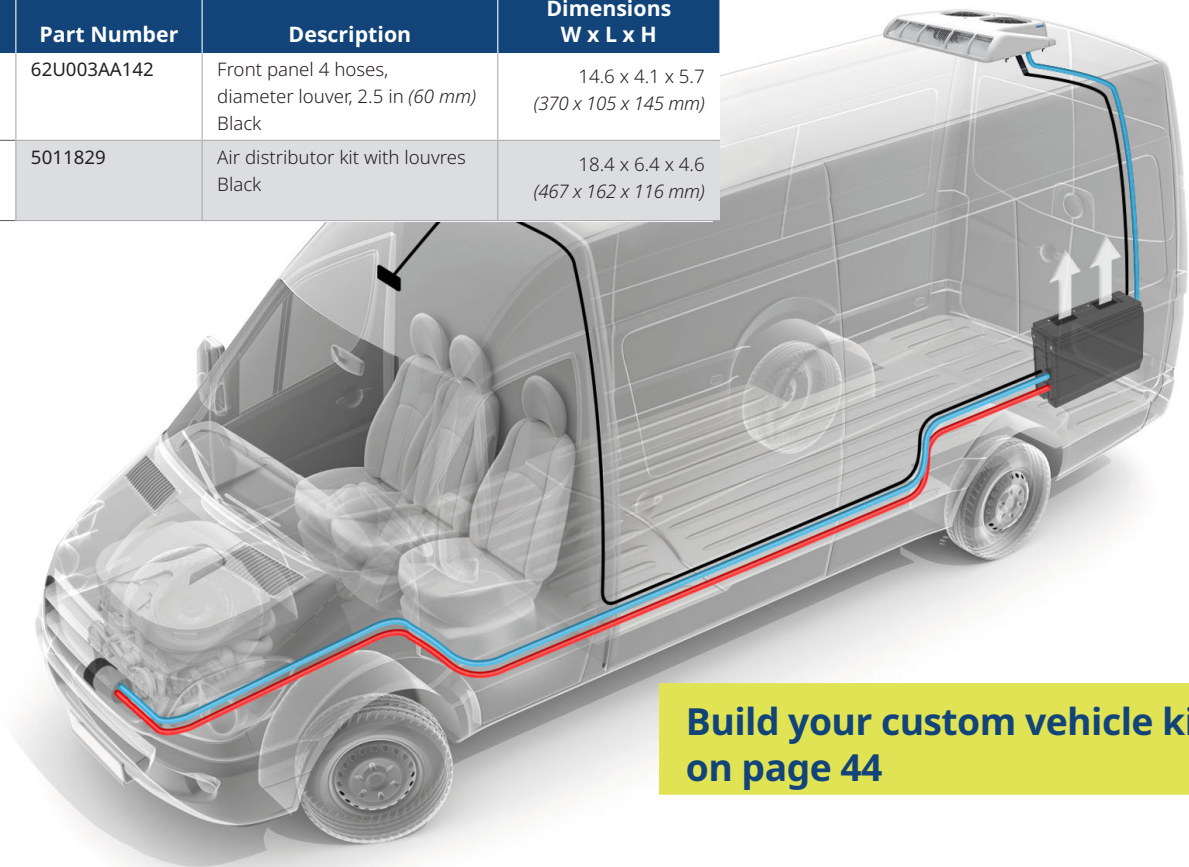
Best suited for commercial transportation vehicles.

- Vertical air conditioning unit with heating capability
- 12 Volt (24 Volt models available upon request)
- Variable temperature control
- Contains freeze protection thermostat

Ibiza (HVAC) Specifications

Part Number	Cooling Capacity	Heating Capacity	Refrigerant	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CF062E	31,000 BTU/h (9.0 kW)	41,000 BTU/h (12.0 kW)	R134a	12 V	21 A	471 cfm (800 m³/h)	25.2 x 7.1 x 14 in (640 x 180 x 355 mm)	22 lbs (10 kg)

Air Distributors	Part Number	Description	Dimensions W x L x H
	62U003AA142	Front panel 4 hoses, diameter louver, 2.5 in (60 mm) Black	14.6 x 4.1 x 5.7 (370 x 105 x 145 mm)
	5011829	Air distributor kit with louvers Black	18.4 x 6.4 x 4.6 (467 x 162 x 116 mm)



Build your custom vehicle kit on page 44



Heat only systems

13,000 to 44,300 BTU/h (3.8 to 13.0 kW) heating capacity



This line of heat only systems can be used on applications in a variety of commercial vehicles ranging from mini busses to specialty vehicles such as ambulances, fire engines, agricultural and construction vehicles.

Offering high efficiency, high durability fans and blowers, these heat only units are reliable and have an extensive service life.

A variety of available accessories and kits for vehicle-specific installation includes control units, air vents and ducting.

- Flexible mounting options
- High efficiency
- Durable, high quality components
- Low maintenance



Stockholm

13,000 BTU/h (3.8 kW)
of heating



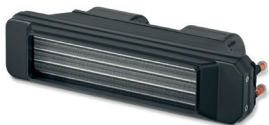
Houston

22,000 BTU/h (6.5 kW)
of heating



Phoenix

29,500 BTU/h (8.6 kW)
of heating



Cyprus

44,300 BTU/h (13.0 kW)
of heating

Rooftop Air Conditioning
Evaporator Units
Heating Units
Condensers
Engine-Off Heating
HVAC A La Carte
Air Distribution Accessories
Control Units

Stockholm

13,000 BTU/h (3.8 kW) heating capacity

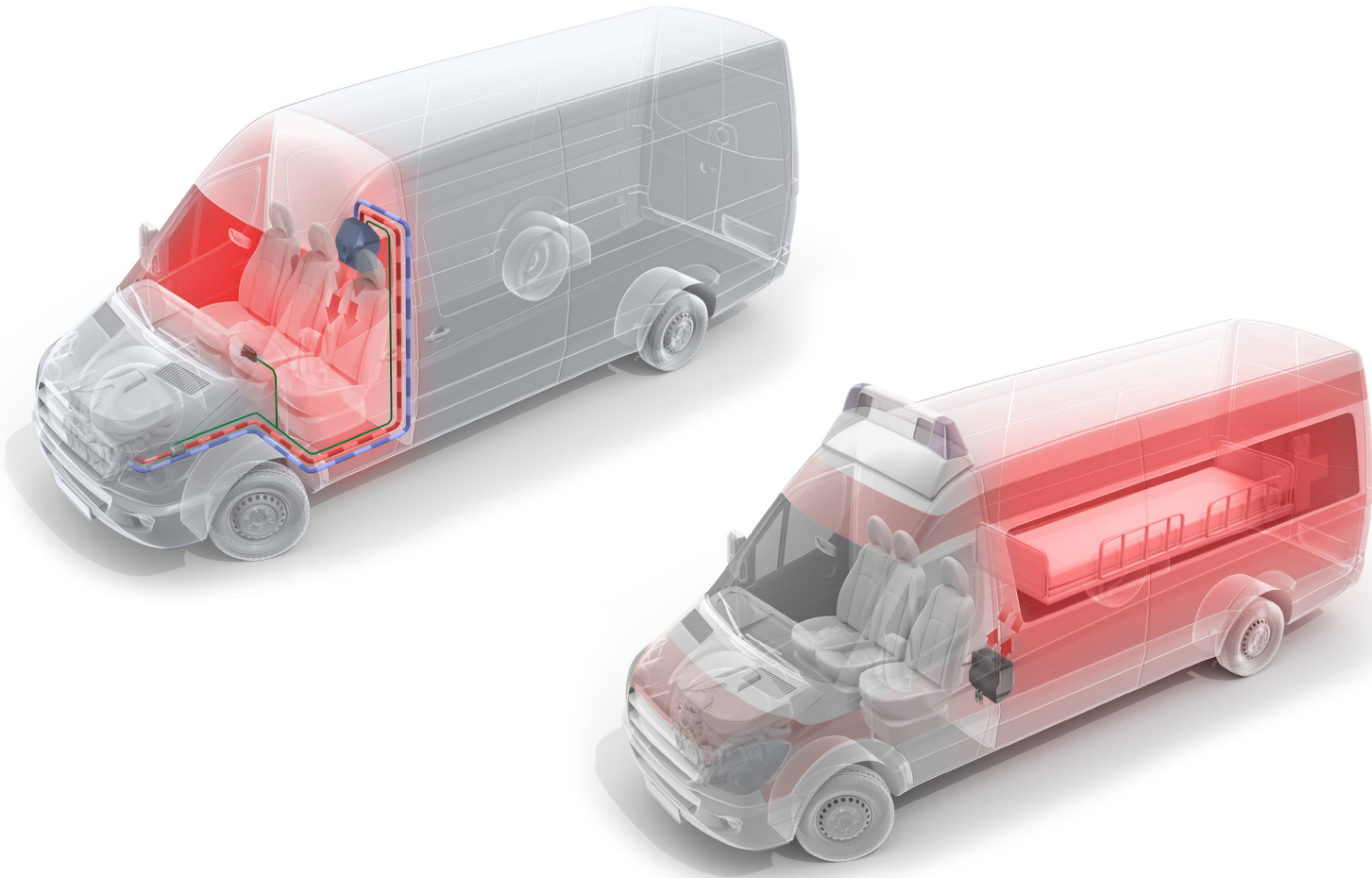


Suggested Application:
Best suited for commercial vehicles.

- Heat only unit
- 12 Volt only
- Integrated Controls

Stockholm (HV) Specifications

Part Number	Heating Capacity	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CC051	13,000 BTU/h (3.8 kW)	12 V	3.5 A	100 cfm (170 m³/h)	10.6 x 7.7 x13 in (270 x 195 x 330 mm)	5.5 lbs (2.5 kg)



Houston

22,000 BTU/h (6.5 kW) heating capacity



Suggested Application:

Best suited for commercial, agricultural & construction vehicles.

- Heat only unit
- Compact
- 12 Volt (24 Volt models available upon request)

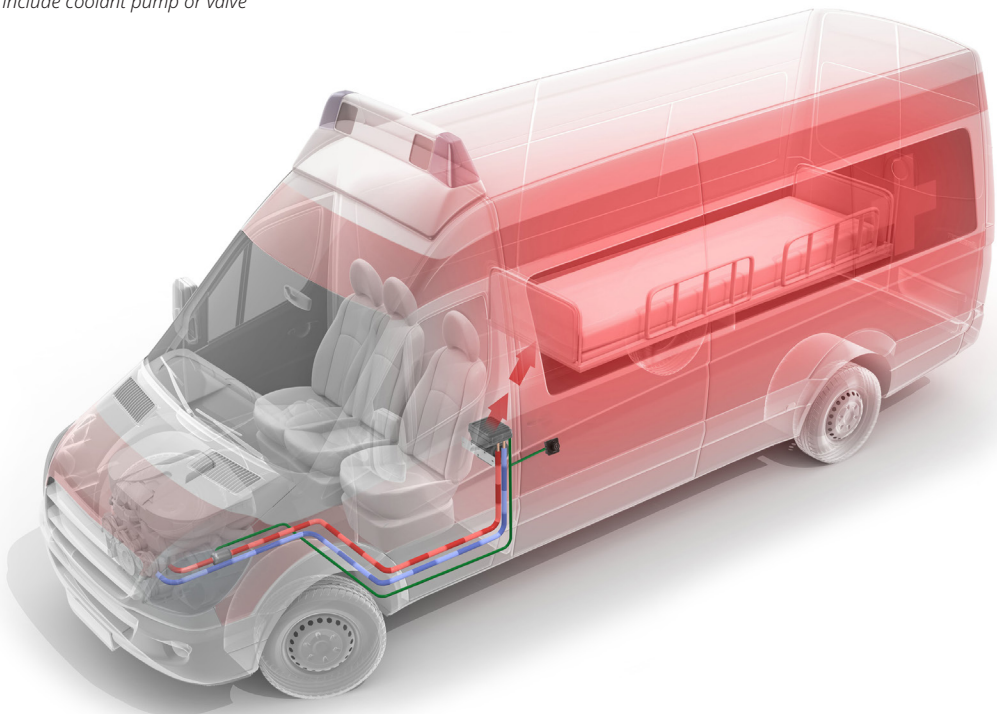
Houston (HV) Specifications

Part Number	Heating Capacity	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CC017	22,000 BTU/h (6.5 kW)	12 V	14 A	247 cfm (420 m³/h)	8.6 x 9.1 x 6.5 in (220 x 230 x 165 mm)	6.2 lbs (2.8 kg)

Installation Kit

Part Number	Description	Dimensions (Length)
5012862*	12V heating kit with coolant plumbing, electrical harness/controller and Houston unit	36 ft. of 5/8" heater hose (11 meters) 32-3/4 ft. of wiring harness (10 meters)

*Install kit does not include coolant pump or valve



Phoenix

29,500 BTU/h (8.6 kW) heating capacity



Suggested Application:

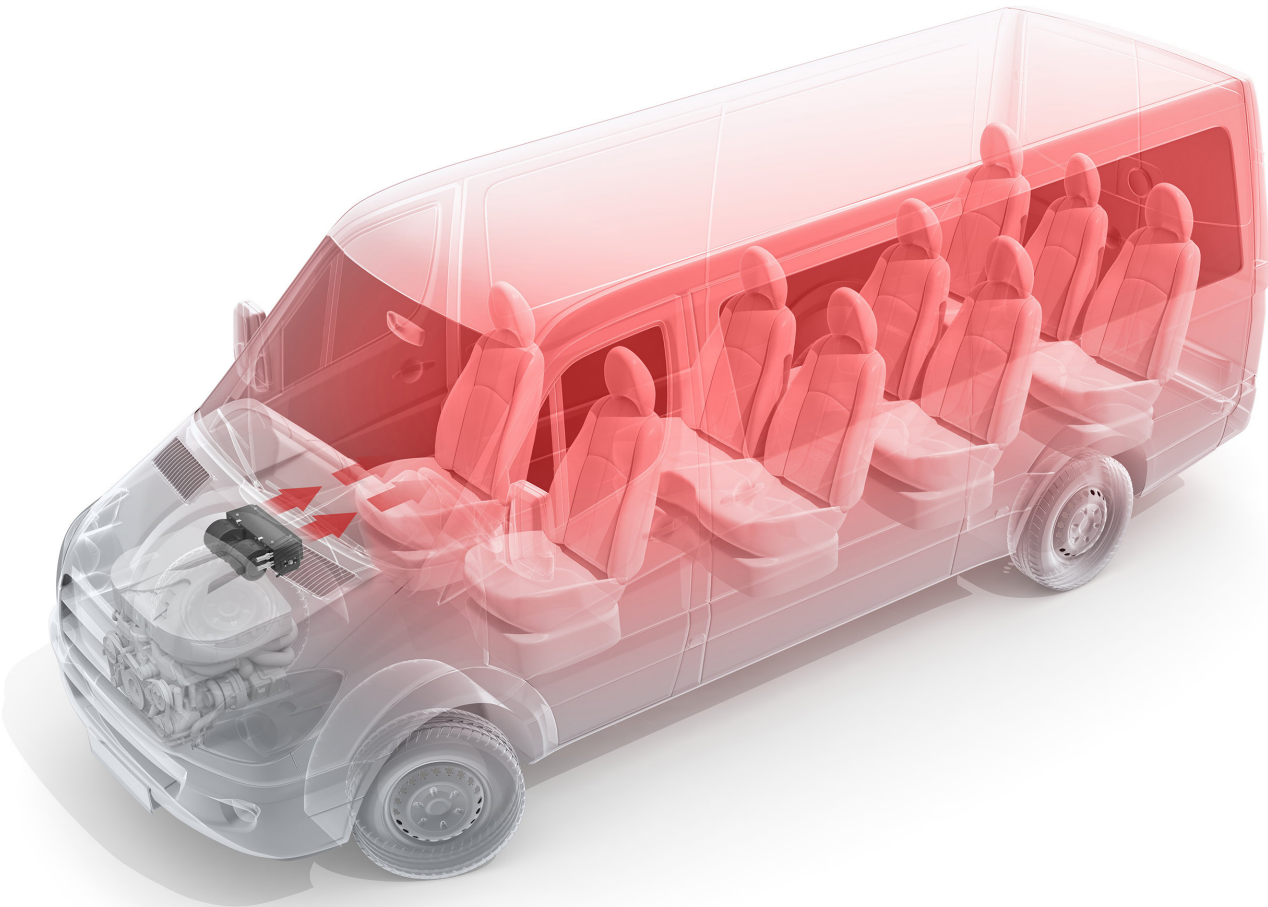
Best suited for commercial, agricultural & construction vehicles.

- Heat only unit
- 12 Volt (or 24 Volt models available upon request)

Interior ducting options page 58

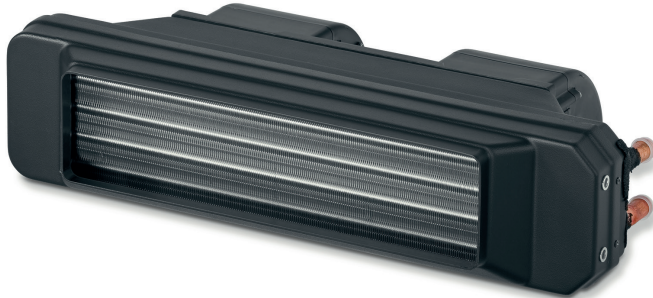
Phoenix (HV) Specifications

Part Number	Heating Capacity	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CC019	29,500 BTU/h (8.6 kW)	12 V	8.4 A	265 cfm (450 m³/h)	15.2 x 9.25 x 4.9 in (385 x 235 x 125 mm)	6.6 lbs (3.0 kg)



Cyprus

44,300 BTU/h (13.0 kW) heating capacity



Suggested Application:

Best suited for commercial, agricultural & construction vehicles.

- Heat only unit
- Can be used with ModulAir 1 accessories
- 12 Volt (or 24 Volt models available upon request)

Interior ducting options page 56 & 59

Cyprus (HV) Specifications

Part Number	Heating Capacity	Nominal Voltage	Max. Power Consumption (12 V)	Max. Air Flow Evaporator Blower	Dimensions W x L x H	Weight
62U003CC052	44,300 BTU/h (13.0 kW)	12 V	24 A	471 cfm (800 m ³ /h)	21.5 x 11.8 x 6.9 in (545 x 300 x 175 mm)	8.8 lbs (4.0 kg)

Installation Kit

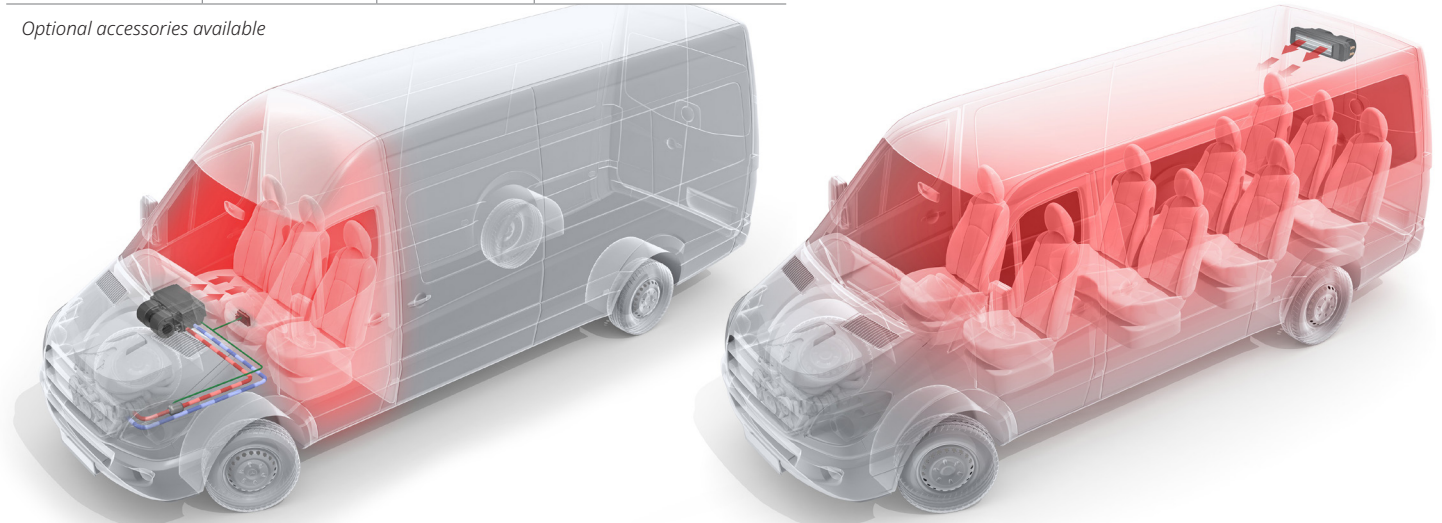
Part Number	Description	Dimensions (Length)
5012528*	12V heating kit with coolant plumbing, electrical harness/controller and Cyprus unit	36 ft. of 5/8" heater hose (11 meters) 32-3/4 ft. of wiring harness (10 meters)

*Install kit does not include coolant pump or valve

Grille (included in kit 5012528)

	Part Number	Description	Dimensions W x L x H
	62U003AA021	Front panel 1 grille, Black	15.6 x .9 x 4.1 in (395 x 322 x 105 mm)

Optional accessories available





Condensers

Rooftop condensers

Product overview and technical data

Model	Part Number	Capacity	Dimensions L x W x H	Specifications	Power consumption at 12 V (A)	Weight	Voltage
Capri*							
	62U00025456	35,800 BTU/h (10.5 kW)	32.1 x 23.6 x 5.9 in (815 x 600 x 150 mm)	HTC condenser, fin pitch .1 in (2.5 mm), Integrated Receiver Dryer	16 A	26.5 lbs (12 kg)	12 V
Valencia*							
	62U00025437	42,650 BTU/h (12.5 kW)	37.6 x 23.6 x 5.9 in (955 x 600 x 150 mm)	HTC condenser, Integrated Receiver Dryer	25 A	31 lbs (14 kg)	12 V

* NOTE: This unit does not come with a pressure switch.

Under chassis condensers

Product overview and technical data

Model	Part Number	Capacity	Dimensions L x W x H	Specifications	Power consumption at 12 V (A)	Weight	Voltage
HTC Condenser Units							
	62U00025427	17,000 BTU/h <i>(5 kW)</i>	23.9 x 4.3 x 13.8 in <i>(606 x 110 x 350 mm)</i>	fin pitch 0.14 in <i>(3.5 mm)</i>	18 A	9.9 lbs <i>(4.5 kg)</i>	12 V
	62U00025460	24,000 BTU/h <i>(7 kW)</i>		fin pitch 0.1 in <i>(2.5 mm)</i>			
	62U00025453	22,200 BTU/h <i>(6,5 kW)</i>	18.9 x 4.3 13.8 in <i>(480 x 110 x 350 mm)</i>	fin pitch 0.1 in <i>(2.5 mm)</i>	12 A	8.2 lbs <i>(3.7 kg)</i>	
	62U00025426	41,000 BTU/h <i>(12 kW)</i>	28.5 x 4.1 x 17.7 in <i>(725 x 105 x 450 mm)</i>	fin pitch 0.14 in <i>(3.5 mm)</i>	25 A	13.2 lbs <i>(6 kg)</i>	
	62U00025459	47,800 BTU/h <i>(14 kW)</i>		fin pitch 0.1 in <i>(2.5 mm)</i>			
		62U00025472	41,000 BTU/h <i>(12 kW)</i>	23.9 x 6.3 x 13.8 in <i>(606 x 160 x 350 mm)</i>	fin pitch 0.1 in <i>(2.5 mm)</i>	32 A	



Engine-off fuel-operated air and coolant heaters

Air heaters: Air Top 2000 STC | Air Top Evo

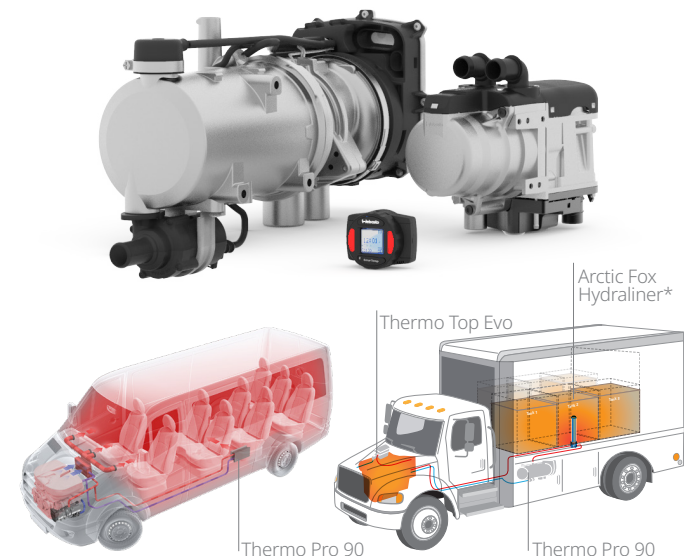
Coolant heaters: Thermo Top Evo | Thermo Pro 90

For cargo & mobile work spaces



- Gas or diesel models available
- Fast return on investment
- Full diagnostics with PC interface
- High heat output in a compact design
- 7,000 – 18,800 BTU/h output
- Optional SmarTemp Control 2.0 for more precise temperature management

For passenger & specialty service vehicles



- Fast return on investment
- Eliminate cold starts
- Provide engine pre-heat and reduce engine wear and tear
- Thermo Pro 90 can be used to heat interior spaces
- 17,200 – 31,000 BTU/h output
- Optional SmarTemp Control 2.0 for more precise temperature management

SmarTemp Control 3.0 Bluetooth



SmarTemp Control 3.0 Bluetooth

P/N: 5013874

- Bluetooth connection to SmarTemp 3.0 App
 - View diagnostic information
 - Manage & control heater function
 - Link to techwebasto.com
 - Program settings of multiple units





Customization at your fingertips

HVAC systems can be complex and not all work truck climate control needs are the same. Webasto has developed ‘a la carte’ HVAC sub kits that can be ordered to build your own customized system. Compatible sub kits with high quality components equals high system reliability and Webasto’s standard **3-year warranty**.

Our systems are tested and verified to perform in the most demanding climates, and can be tailored to fit most medium duty vehicles and system layout requirements. Our authorized sales & service centers are available nationwide.

HVAC Kits - A La Carte

Sedona / London	36
Marbella / Ibiza	40
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Build your own HVAC kit	44
Product specifications	46
Moscow / Kiev	48
Kit contents and optional accessories	50
Build your own HVAC kit	52
Product specifications	54

HVAC product kit options - Sedona / London

The kit menu items can be combined to build high-capacity independent systems or more economical tie-in systems. Choose from heat / cool, cooling only, horizontal ceiling/bulkhead mount and a variety of evaporator and condenser locations on the vehicle. Accessories such as air distributors and ducting are also compatible within the a la carte items. Our systems were designed for flexibility and ease of installation. They are available through Webasto's North American sales, installation and service network.

Sedona (VAC) basic kit

- Cooling only evaporator unit
- Air diffuser
- Condensate hose
- TXV & misc. hardware

Part numbers:

- 5013974
(Tie-In standard, add thermostat for Independent*)
- 5013838
(Thermostat kit*)



*Add thermostat 5013838 ONLY if building an independent system with 5013974 Sedona basic kit.

London (HVAC) basic kit

- Heating & cooling evaporator unit
- Air diffuser
- Condensate hose
- Coolant pump
- Coolant valve and fittings
- Coolant hose clamps
- TXV & misc. hardware

Part numbers:

- 5013836
(Tie-In standard, add thermostat for Independent*)
- 5013838
(Thermostat kit*)



*Add thermostat 5013838 ONLY if building an independent system with 5013836 London basic kit.

Sedona and London system features:

- Maximum performance:
 - 32,500 BTU/h (9.5 kW) cooling (*<32,500 on tie-in configurations)
 - 44,500 BTU/h (13.0 kW) heating (London only)
- Variable temperature control (London only)
- 3 speed fan up to 471 cfm airflow
- Horizontal unit, low profile <7 inches height
- Quiet, efficient operation

MADE IN USA



Locally in Fenton, Michigan

Roof rack
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

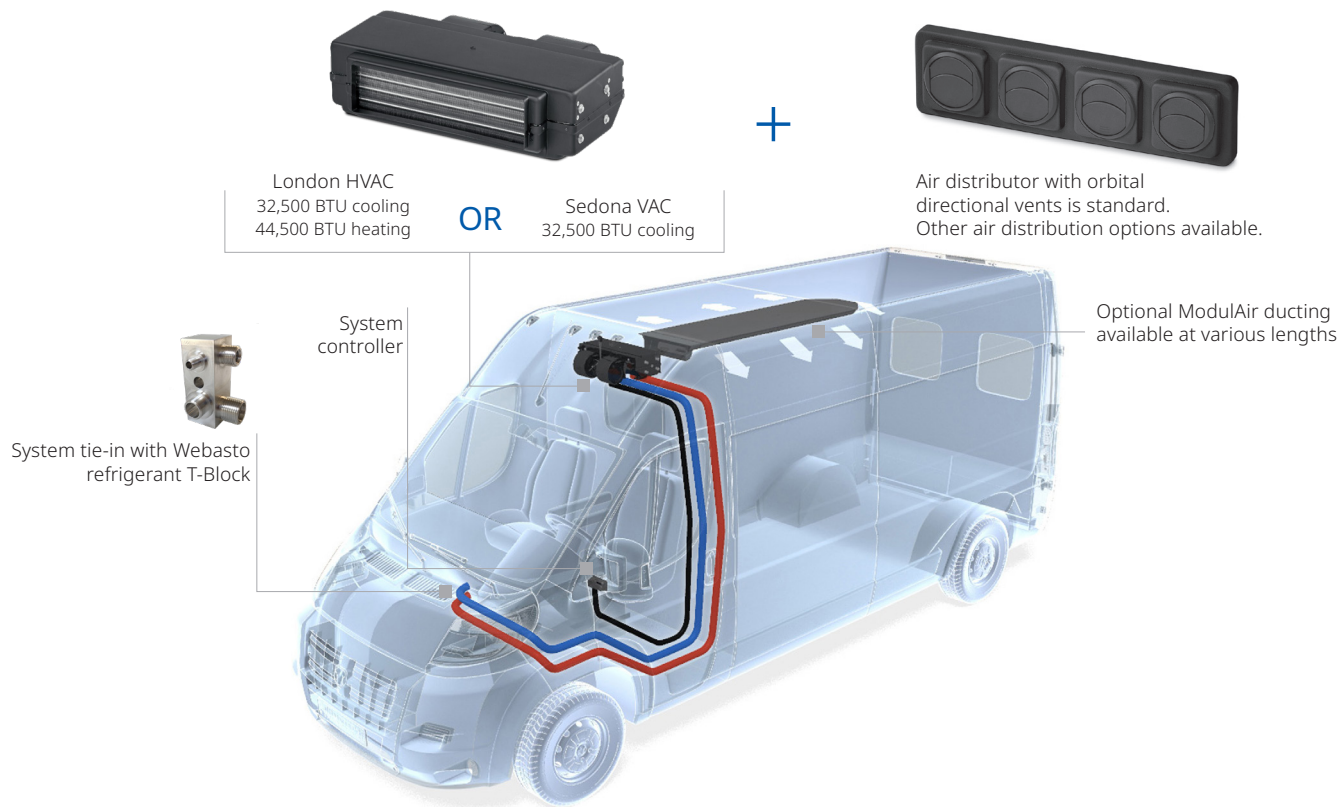
HVAC A La Carte

Air Distribution
Accessories

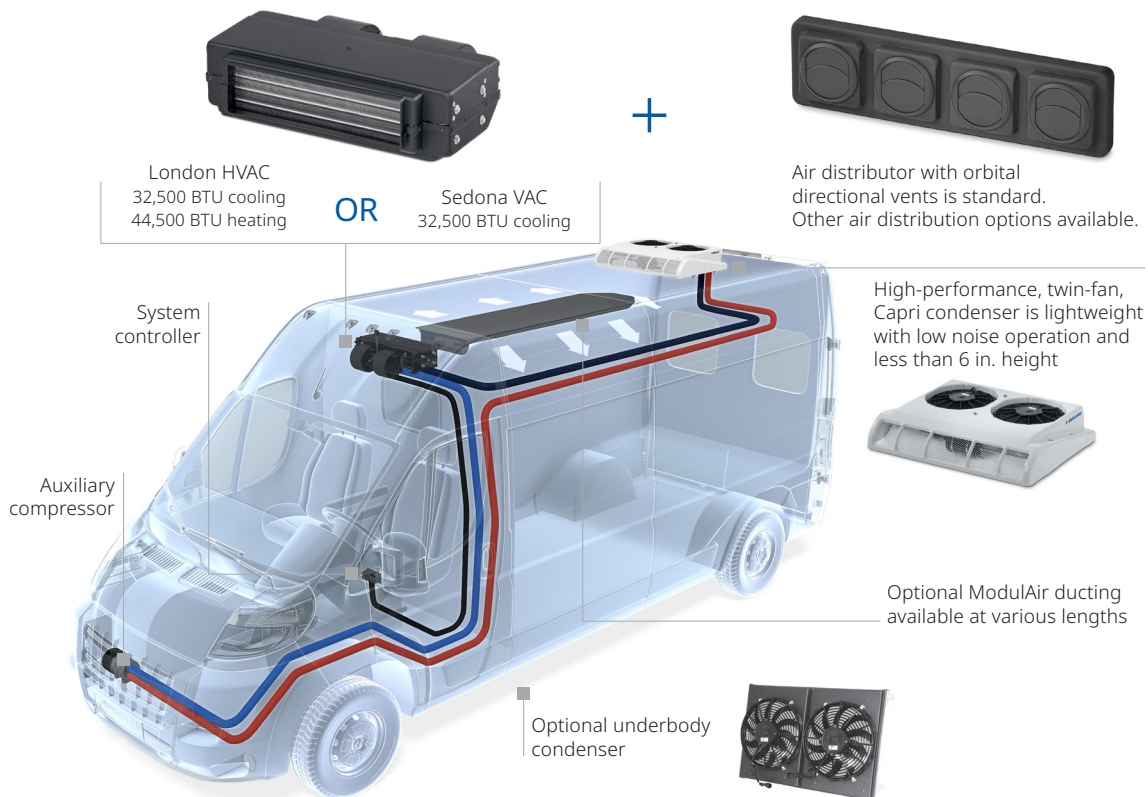
Control Units

Front mount options

Standard Tie-In system (Sedona VAC & London HVAC)



Independent system (Sedona VAC & London HVAC)



Rear mount options

Standard Tie-In system (Sedona VAC & London HVAC)



Air distributor with orbital directional vents is standard. Other air distribution options available.

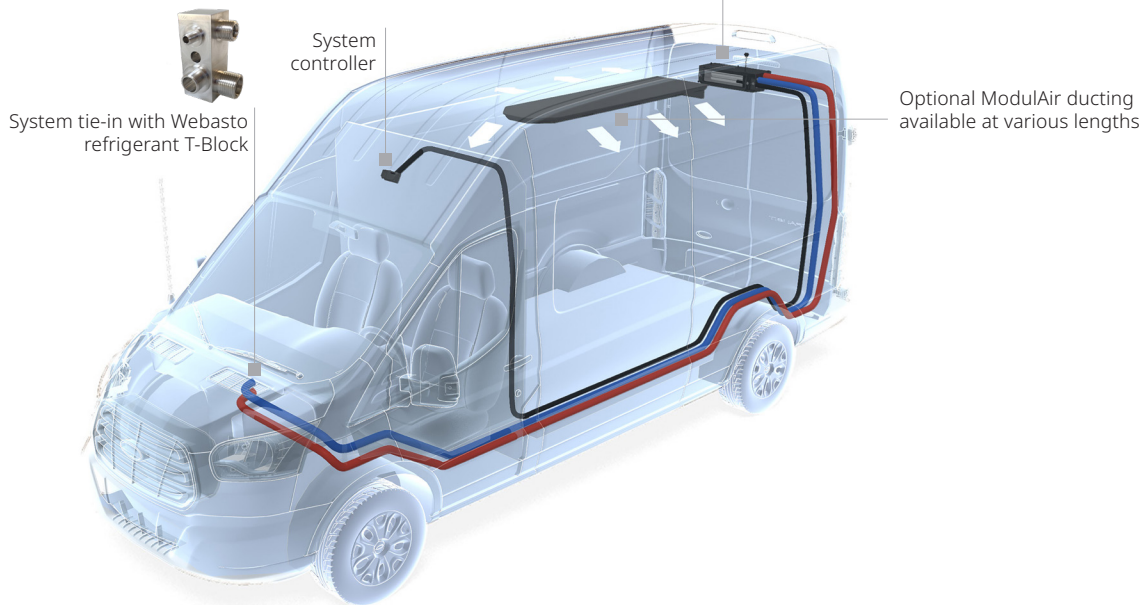
+



London HVAC
32,500 BTU cooling
44,500 BTU heating

OR

Sedona VAC
32,500 BTU cooling



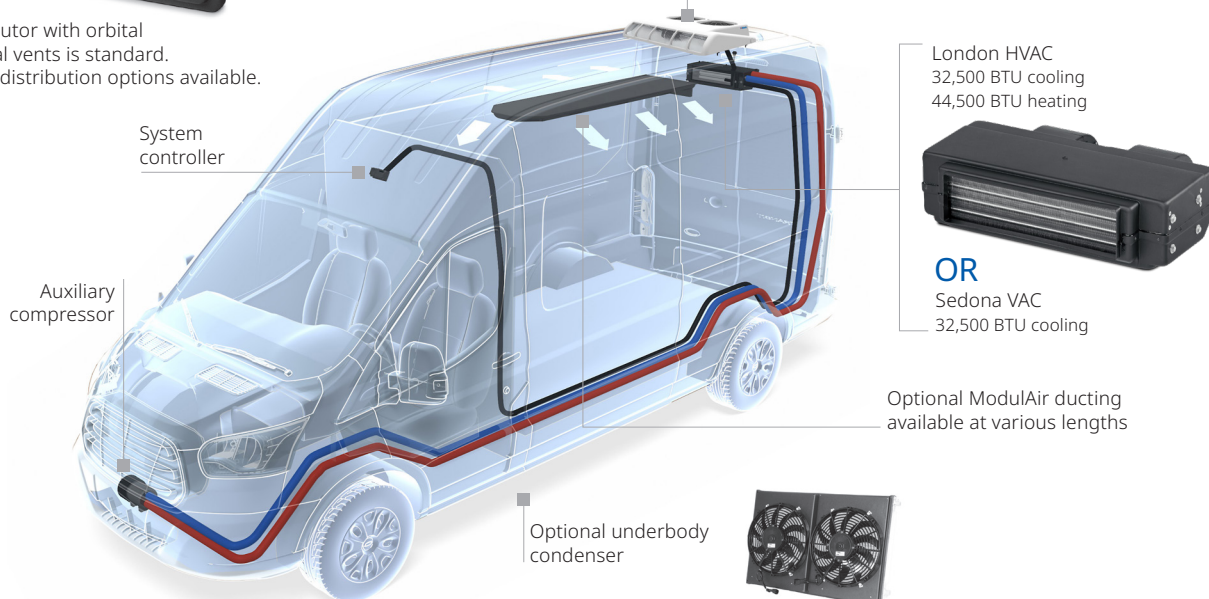
Independent system (Sedona VAC & London HVAC)



Air distributor with orbital directional vents is standard. Other air distribution options available.



High-performance, twin-fan, Capri condenser is lightweight with low noise operation and less than 6 in. height

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

HVAC product kit options - Marbella / Ibiza

The kit menu items can be combined to build high-capacity independent systems or more economical tie-in systems. Choose from heat / cool or cooling only vertical mount evaporator options. Free-blow air distributor comes standard within these a la carte items. Additional air distributor options available. Our systems were designed for flexibility and ease of installation. They are available through Webasto's North American sales, installation and service network.

Marbella (VAC) basic kit

- Cooling only evaporator unit
- Air diffuser
- Condensate hose
- TXV & misc. hardware

Part number:

- 5014052
(Tie-In or Independent, includes thermostat)



Ibiza (HVAC) basic kit

- Heating & cooling evaporator unit
- Air diffuser
- Condensate hose
- Coolant pump
- Coolant valve and fittings
- Coolant hose clamps
- TXV & misc. hardware

Part number:

- 5013817
(Tie-In or Independent, includes thermostat)

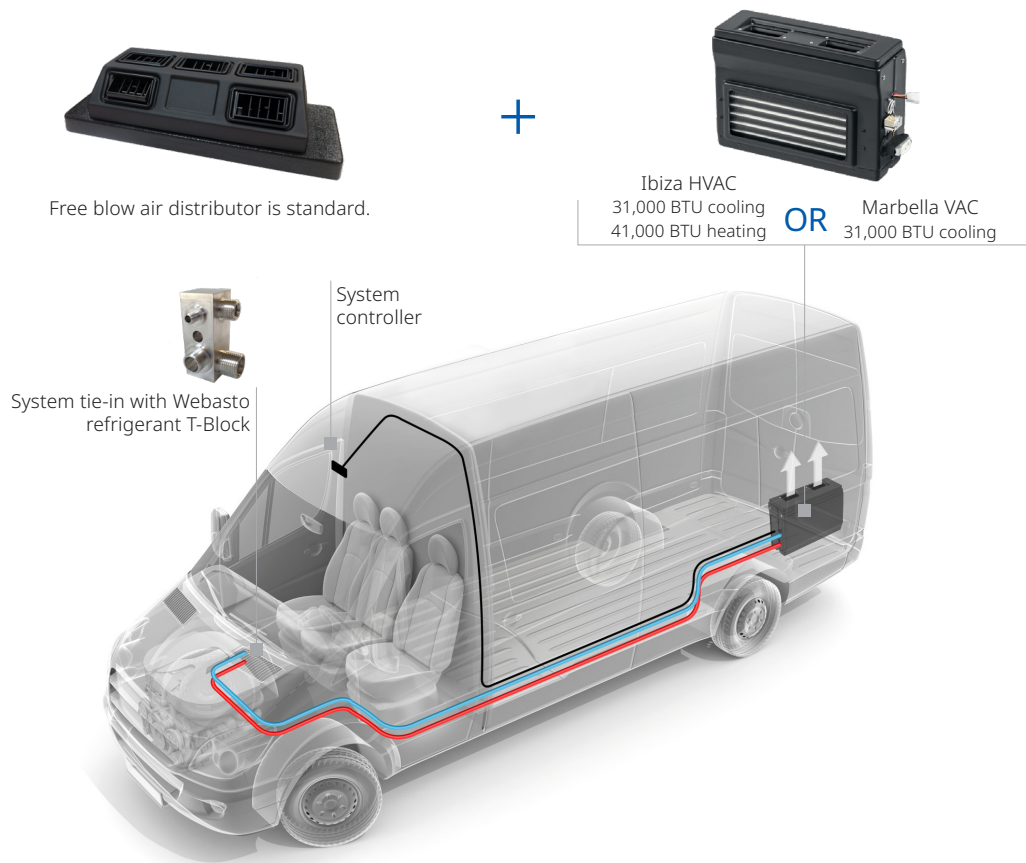


Marbella and Ibiza system features:

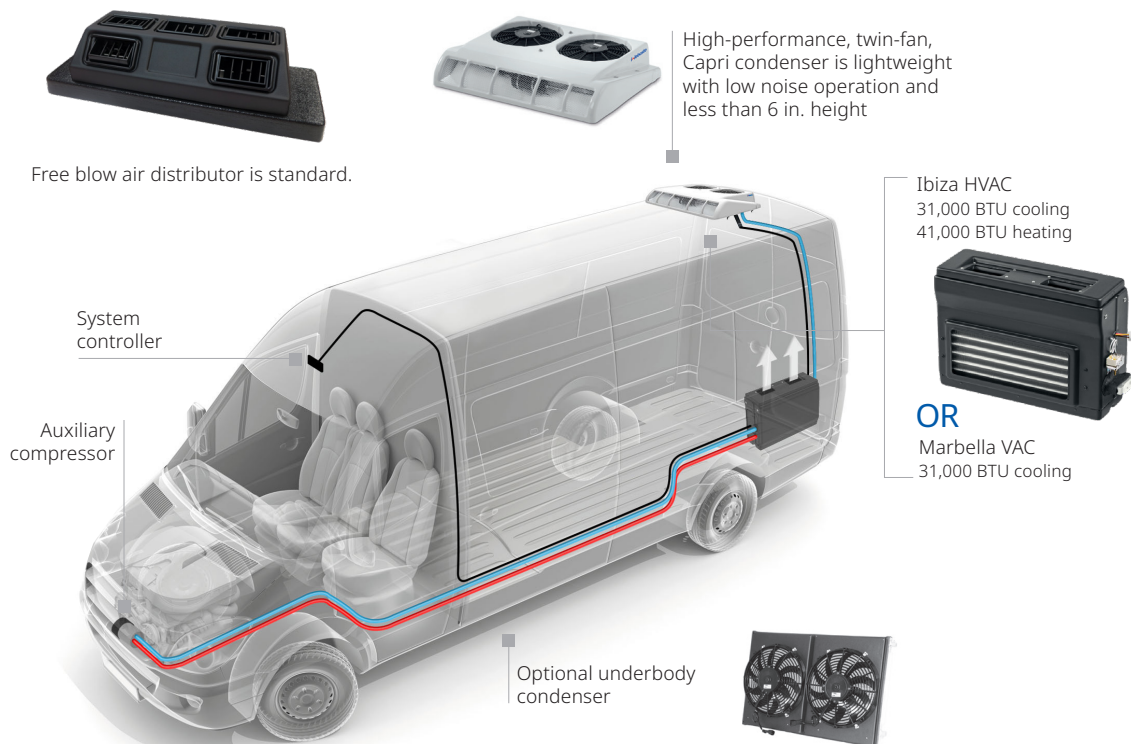
- Maximum performance:
 - 31,000 BTU/h (9.0 kW) cooling (*<31,000 on tie-in configurations)
 - 41,000 BTU/h (12.0 kW) heating (Ibiza only)
- Variable temperature control (Ibiza only)
- 3 speed fan up to 471 cfm airflow
- Vertical unit
- Quiet, efficient operation

Rear mount options

Standard Tie-In system (Marbella VAC & Ibiza HVAC)



Independent system (Marbella VAC & Ibiza HVAC)

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

Kit contents and optional accessories

Evaporators

	Kit P/N	Description	Kit contents
	5013974	Sedona (VAC) basic kit without thermostat* Tie-in or Independent system	See page 4 for kit content details
	5013836	London (HVAC) basic kit without thermostat* Tie-in or Independent system	See page 4 for kit content details
	5014052	Marbella (VAC) basic kit with thermostat Tie-in or Independent system	See page 8 for kit content details
	5013817	Ibiza (HVAC) basic kit with thermostat Tie-in or Independent system	See page 8 for kit content details
	5013838	Thermostat for Sedona & London	Independent kit*

*Add thermostat 5013838 ONLY if building an independent system with the Sedona & London basic kits.

Condensers

	Kit P/N	Description	Kit contents
	62U00025456	Capri rooftop condenser Independent system	- Capri rooftop condenser - Filter/dryer (contained within) - Misc. mounting hardware
	5013770	Universal underbody condenser Independent system	- Underbody condenser - Filter/dryer - Universal underbody Mounting brackets & hardware
	5013785	Sprinter underbody condenser Independent system	

Neo controller kits & wiring harnesses

	Kit P/N	Description	Kit contents
	5013844	Wire harness (VAC) kit, Tie-in universal Neo 1 controller	- Controller - Power & ground wiring - Signal wiring - Relay board (Independent systems)
	5013843	Wire harness (HVAC) kit, Tie-in universal Neo 2 controller	
	5013847	Wire harness (HVAC) kit, Tie-in universal Neo 2+ digital automatic temperature controller*	
	5013841	Wire harness (VAC), Independent	
	5013842	Wire harness (HVAC), Independent	
	5013002	Bracket control head - Neo 1 2014-2021 ProMaster	Includes miscellaneous mounting hardware
	5012805	Bracket control head - Neo 2 / Neo 2+ 2014-2021 ProMaster	

*On tie-in systems, Webasto does not control the OE A/C compressor. If installed as tie-in, automatic temperature control is limited. For true automatic temperature control, purchase 5013847 in combination with 5013842 only when building an independent HVAC system.



Neo 1



Neo 2



Neo 2+

Kit contents and optional accessories

Refrigerant hose

	Kit P/N	Description	Kits contents
	5013567	A/C Hose Tie-in, front mount, #6 and #10 (8 meters)	- High and low pressure refrigerant hoses - Refrigerant hose insulation
	5013568	A/C Hose, Tie-in, rear mount, #6 and #10 (11 meters)	
	5013569	A/C hose (RTC, UBC), Independent, front or rear mount, #6 and #10 (14 meters); #8 (15 meters)	

Coolant hose

	Kit P/N	Description	Kit contents
	5013573	Coolant hose, Tie-in / Independent, front mount, 5/8 in (11 meters); 3/4 in (3 meters)	Coolant hose
	5013574	Coolant hose, Tie-in / Independent, rear mount, 5/8 in (21 meters); 3/4 in (4 meters)	

Refrigerant fittings

	Kit P/N	Description	Kit contents
	5013846	ProMaster/Transit/Sprinter A/C fittings* Tie-in (includes tie-in block)	- A/C fittings - Tie-in block* - Pressure switches (independent kits only)
	5012616	Ford Transit HVAC Tie-In Fittings Kit**	
	5013840	A/C fittings, Independent, underbody	
	5013845	A/C fittings, Independent, rooftop	

*Tie-in block compatible with RAM ProMaster, Ford Transit, 2019 + model year Sprinters

**For use with OE HVAC Prep Package

Mounting brackets (optional)

	Kit P/N	Description	Kit contents
	5013581	Universal mounting bracket Sedona, London	Includes miscellaneous mounting hardware
	5013768	Universal mounting bracket Ibiza	
	5013774	ProMaster bulkhead mounting bracket Sedona and London	

Air distributors (optional)

	Kit P/N	Description
	62U003AA093	ModulAir 1 cover, black* Sedona, London
	62U003AA052	ModulAir 1 ducting evaporator outlet, 3.9 in (100 mm), black*, Sedona, London
	62U003AA059	ModulAir 1 ducting short, 19.7 in (500 mm), black*, Sedona, London
	62U003AA057	ModulAir 1 ducting long, 39.4 in (1,000 mm), black*, Sedona, London
	62U003AA061	ModulAir 1 ducting end, 9.7 in (247 mm), black*, Sedona, London

*Grey available upon request.

Build your HVAC kit

To begin configuring your custom kit, start by choosing an option from each of the eight categories below that best fits your vehicle application requirement. Then, contact your Webasto HVAC representative to review your selections and complete your kit build.

Not sure where to start? No problem! Contact your Webasto representative at any time for further assistance.

1 Select evaporator basic kit (kits include basic air distributors)

VAC basic kit contents: Cooling only evaporator unit, air diffuser, condensate hose, TXV & misc. hardware

HVAC basic kit contents: Heating & cooling evaporator unit, air diffuser, condensate hose, coolant pump, coolant valve & fittings, coolant clamps, TXV & misc. hardware

☒	Kit P/N	Description	
	5013974	Sedona (VAC) basic kit without thermostat	Tie-in or Independent*, horizontal mount
	5013836	London (HVAC) basic kit without thermostat	Tie-in or Independent*, horizontal mount
	5014052	Marbella (VAC) basic kit with thermostat	Tie-in or Independent, vertical mount
	5013817	Ibiza (HVAC) basic kit with thermostat	Tie-in or Independent, vertical mount
	5013838	Thermostat for Sedona & London	Independent Kit*

*Add thermostat 5013838 ONLY if building an independent system with the Sedona & London basic kits.

Note: When building independent systems, a secondary compressor / mount kit must be purchased separately through either Webasto or Customer sourced directly.

2 Select condenser (for Independent systems only)

Capri rooftop kit contents: Capri Rooftop condenser, filter/dryer (contained within), misc. mounting hardware

Universal and Sprinter underbody condenser kit contents: Underbody condenser, filter/dryer, universal underbody mounting brackets & hardware

☒	Kit P/N	Description	
	62U00025456	Capri condenser	Independent, rooftop
	5013770	Universal condenser	Independent, underbody
	5013785	Sprinter condenser	Independent, underbody

3 Select wiring / controller

Wiring harnesses & controller kit contents: Controllers, power & ground wiring, signal wiring, relay board (Independent systems)

Additional: Bracket for ProMaster Vans - non-dashboard installment

☒	Kit P/N	Description	
	5013844	Wire harness kit - Neo 1 controller (VAC)	Tie-in
	5013843	Wire harness kit - Neo 2 controller (HVAC)	Tie-in
	5013847	Wire harness kit - Neo 2+ controller (HVAC)	Tie-in with digital control; Independent*
	5013841	Wire harness kit - Neo 1 controller (VAC)	Independent
	5013842	Wire harness kit - Neo 2 controller (HVAC)	Independent

Choose one of the following ONLY if the controller will be installed to the left of steering column (within a ProMaster):

	5013002	Bracket - control head Neo 1 ProMaster 2014-2021	
	5012805	Bracket - control head Neo 2 ProMaster 2014-2021	Will also work for Neo 2+ controller

*On tie-in systems, Webasto does not control the OE A/C compressor. If installed as tie-in, automatic temperature control is limited. For true automatic temperature control, purchase 5013847 in combination with 5013842 only when building an independent HVAC system.

4 Select A/C fittings

Refrigerant Fittings Kit Contents: AC fittings solenoid valve, pressure switches (independent systems), tie-in block

Customers are responsible for determining tie-in fittings for all other vehicles.

☒	Kit P/N	Description	
	5013846	ProMaster/Transit/Sprinter A/C fittings*	Tie-in (includes Tie-in block)
	5012616	Ford Transit HVAC Tie-In Fittings Kit**	Tie-in (contains OE interface fittings)
	5013840	A/C fittings	Independent, underbody
	5013845	A/C fittings	Independent, rooftop

*Tie-in block compatible with RAM ProMaster, Ford Transit, Mercedes Sprinter (2019 MY+).

**Ford Transit HVAC Tie-In Fittings Kit (for use with OE HVAC Prep Package)

5 Select A/C hose

Refrigerant Hoses Kit Contents: High & low pressure refrigerant hoses, refrigerant hose insulation

☒	Kit P/N	Description	
	5013567	A/C hose, #6 and #10 (8 meters)	Tie-in, front mount
	5013568	A/C hose, #6 and #10 (11 meters)	Tie-in, rear mount
	5013569	A/C hose, #6 and #10 (14 meters); #8 (15 meters)	Independent, front or rear mount (RTC, UBC)

6 Select coolant hose

☒	Kit P/N	Description	
	5013573	Coolant hose, 5/8 in (11 meters); 3/4 in (3 meters)	Tie-in / Independent, front mount
	5013574	Coolant hose, 5/8 in (21 meters); 3/4 in (4 meters)	Tie-in / Independent, rear mount

7 Select mounting bracket (optional)

☒	Kit P/N	Description	
	5013581	Universal mounting bracket	Sedona, London
	5013768	Universal mounting bracket	Marbella, Ibiza
	5013774	ProMaster bulkhead mounting bracket*	Sedona, London

*High roof only.

8 Select accessory (optional)

☒	Kit P/N	Description	
	62U003AA093	ModulAir 1 cover, black*	Sedona, London
	62U003AA052	ModulAir 1 ducting evaporator outlet, black*	Sedona, London
	62U003AA059	ModulAir 1 ducting short (20 in), black*	Sedona, London
	62U003AA057	ModulAir 1 ducting long (40 in), black*	Sedona, London
	62U003AA061	ModulAir 1 ducting end, black*	Sedona, London

*Grey available upon request.

Product specifications



Cooling only evaporator units (VAC)	Sedona	Marbella
Part number (unit only)	6245835	62U003FF096E
Mounting	Horizontal	Vertical
Cooling capacity	32,500 BTU/h (9.5 kW)	31,000 BTU/h (9.0 kW)
Refrigerant	R134	R134
Nominal voltage	12 V	12 V
Max. power consumption (12 V)	22 A	20.5 A
Max. air flow evaporator blower	471 cfm (800 m³/h)	471 cfm (800 m³/h)
Dimensions	21.7 x 15.7 x 7.1 in (550 x 400 x 180 mm)	25.2 x 7.1 x 14 in (640 x 180 x 355 mm)
Weight	14.8 lbs (6.7 kg)	17.6 lbs (8 kg)



Heating & cooling evaporator units (HVAC)	London	Ibiza
Part number (unit only)	62U003CF047EC	62U003CF062E
Mounting	Horizontal	Vertical
Heating capacity	44,500 BTU/h (13.0 kW)	41,000 BTU/h (12.0 kW)
Cooling capacity	32,500 BTU/h (9.5 kW)	31,000 BTU/h (9.0 kW)
Refrigerant	R134	R134
Nominal voltage	12 V	12 V
Max. power consumption (12 V)	21 A	21 A
Max. air flow evaporator blower	471 cfm (800 m³/h)	471 cfm (800 m³/h)
Dimensions	21.7 x 15.7 x 7.1 in (550 x 400 x 180 mm)	25.2 x 7.1 x 14 in (640 x 180 x 355 mm)
Weight	17 lbs (7.7 kg)	22 lbs (10 kg)



Rooftop condenser units	Capri*	Underbody condenser
Part number (Unit Only)	62U00025456	62U00025459
Cooling capacity	35,800 BTU/h (10.5 kW) Rooftop condenser; integrated receiver dryer	47,800 BTU/h (14.0 kW)
Refrigerant	R134	R134
Nominal voltage	12 V	12 V
Max. power consumption (12 V)	16 A	25 A
Dimensions	32.1 x 23.6 x 5.9 in (815 x 600 x 150 mm)	28.5 x 4.1 x 17.7 in (725 x 105 x 450 mm)
Weight	26.5 lbs (12 kg)	13.2 lbs (6 kg)

*This unit does not come with a pressure switch



Roof-top
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

AC service pack

London, Vancouver & Ibiza Units | Tie-in and Independent

Part number	Description
5013477	AC service pack with crimp tool (Contains: crimping tool & assorted burgclips, cages and o-rings -107 pieces)
5013478	AC service pack without crimp tool (Contains: assorted burgclips, cages and o-rings - 106 pieces)

HVAC product kit options - Moscow / Kiev

The kit menu items can be combined to build high-capacity independent systems. Choose from heat / cool or cooling-only horizontal ceiling mount evaporator, and rooftop or under-chassis mounted condenser, for a variety of component locations on the vehicle. Accessories such as air distributors and ducting are also compatible within the a la carte items. Our systems were designed for flexibility and ease of installation. They are available through Webasto's North American sales, installation and service network.

Moscow (VAC) basic kit

- Cooling only evaporator unit
- Condensate hose
- TXV & misc. hardware

Part number:

- 5014034
(Moscow basic kit)



Kiev (HVAC) basic kit

- Heating & cooling evaporator unit
- Condensate hose
- Coolant pump
- Coolant valve and fittings
- Coolant hose clamps
- TXV & misc. hardware

Part number:

- 5014035
(Kiev basic kit)

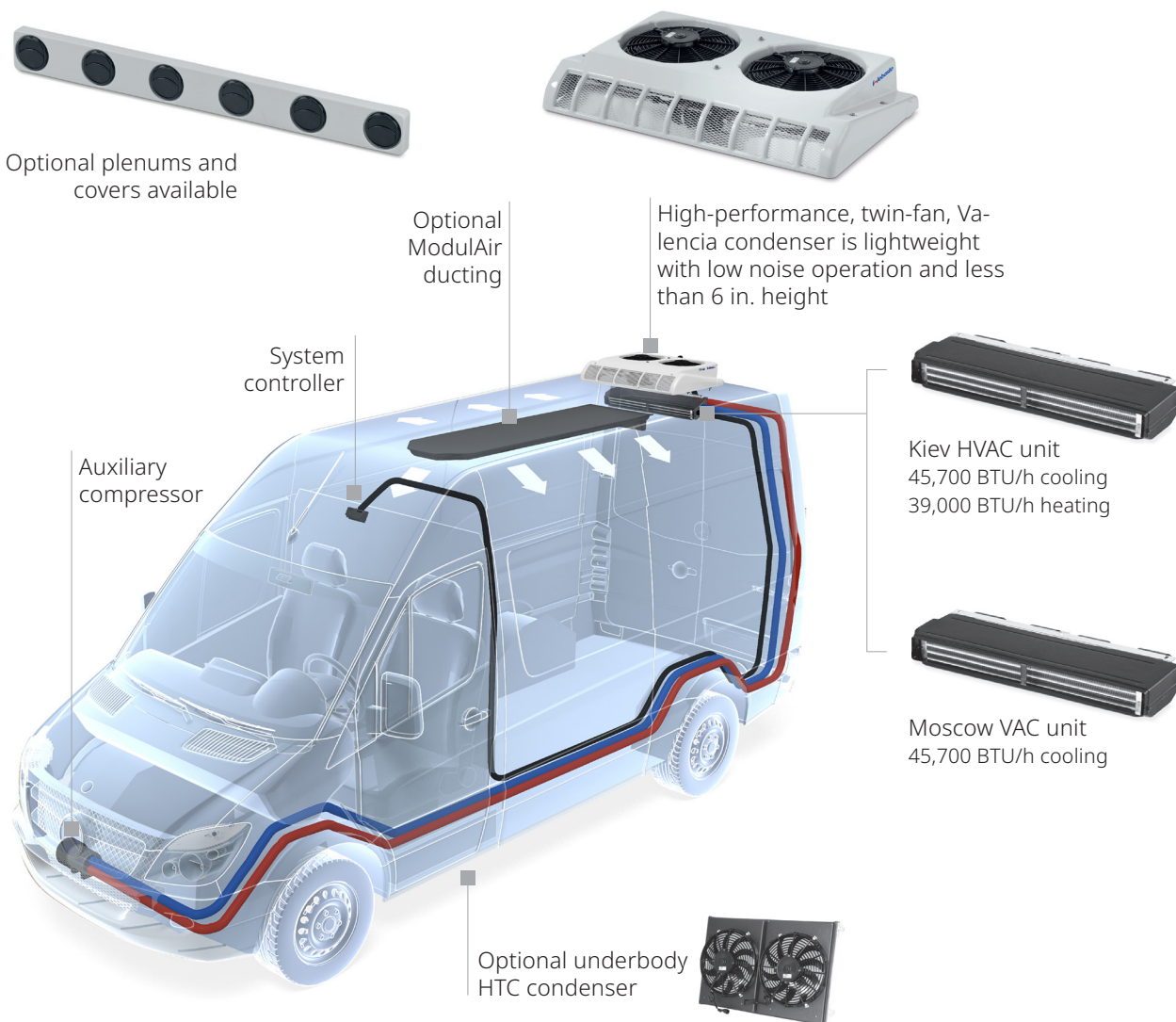


Kiev and Moscow system features:

- Maximum performance:
 - 45,700 BTU/h (13.4 kW) cooling
 - 39,000 BTU/h (11.4 kW) heating (Kiev only)
- Variable temperature control (Kiev only)
- 3 speed fan up to 589 cfm airflow
- Compact, low profile heating and cooling units <7 inches height
- Quiet, efficient operation

Rear / front mount options

Independent system (Moscow VAC & Kiev HVAC)



*Rear mount option shown.
Also available to front mount.

Vehicle integration - cooling

The Kiev HVAC or Moscow VAC operate independent of factory front HVAC and integrated with a dedicated compressor and condenser.

Vehicle integration - heating

Heating is achieved by plumbing the Kiev's heater core with the engine's coolant loop. Engine coolant flow is controlled by coolant valve and auxiliary pump.

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

Engine-Off Heating

HVAC A La Carte

Air Distribution
Accessories

Control Units

Kit contents and optional accessories

Evaporators

	Kit P/N	Description	Kit contents
	5014034	Moscow (VAC) basic kit with thermostat Independent system	See page 4 for kit content details
	5014035	Kiev (HVAC) basic kit with thermostat Independent system	See page 4 for kit content details

Condensers

	Kit P/N	Description	Kit contents
	62U00025437	Valencia rooftop condenser Independent system	- Valencia rooftop condenser - Filter/dryer (contained within) - Misc. mounting hardware
	5013770	Universal underbody condenser Independent system	- Underbody condenser - Filter/dryer - Universal underbody Mounting brackets & hardware
	5013785	Sprinter underbody condenser Independent system	

Neo controller kits & wiring harnesses

	Kit P/N	Description	Kit contents
	5014030	Wire harness (VAC) kit, Independent front Neo 1 controller	- Controller - Controller mount bracket - Power & ground wiring - Signal wiring - Relay board
	5014029	Wire harness (VAC) kit, Independent rear Neo 1 controller	
	5014028	Wire harness (HVAC) kit, Independent front Neo 2 controller	
	5014027	Wire harness (HVAC) kit, Independent rear Neo 2 controller	
	5014037	Wire harness (HVAC) kit, Independent rear Neo 2+ digital automatic temperature controller	



Neo 1



Neo 2



Neo 2+

Refrigerant hose

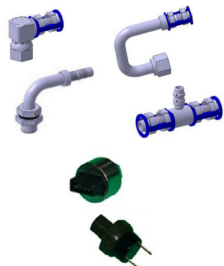
	Kit P/N	Description	Kits contents
	5014033	A/C hose, Independent, front mount, RTC #6 (6 meters), #8 and #12 (8 meters)	- High and low pressure refrigerant hoses - Refrigerant hose insulation
	5014032	A/C hose, Independent, rear mount, RTC #6 (4 meters), #8 (15 meters), #12 (14 meters)	
	5014031	A/C hose, Independent, front or rear mount, UBC #6 and #12 (14 meters), #8 (8 meters)	

Kit contents and optional accessories

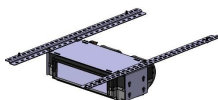
Coolant hose

	Kit P/N	Description	Kit contents
	5013573	Coolant hose, Independent, front mount, 5/8 in (11 meters); 3/4 in (3 meters)	▪ Coolant hose
	5013574	Coolant hose, Independent, rear mount, 5/8 in (21 meters); 3/4 in (4 meters)	

Refrigerant fittings

	Kit P/N	Description	Kit contents
	5014025	A/C fittings, Independent, underbody	▪ A/C fittings ▪ Pressure switches
	5014024	A/C fittings, Independent, rooftop	

Mounting brackets (optional)

	Kit P/N	Description	Kit contents
	5014021	Universal mounting bracket Moscow, Kiev	▪ Includes miscellaneous mounting hardware

Air distributors (optional)

	Kit P/N	Description	Kit contents
	5014221	Evaporator cover with six round orbital louvers, black	▪ Includes miscellaneous mounting hardware
	8211378	ModulAir 2 ducting evaporator cover, w/o louvers for use with air duct segments, black	
	62U003AA025	Front panel w/o frame with 6 round louvers, 1.1 in (27 mm), grey	
	62U003AA121	ModulAir 2 ducting evaporator outlet, 4.5 in (115 mm), black	
	62U003AA106	ModulAir 2 ducting short, 19.7 in (500 mm), black	
	62U003AA108	ModulAir 2 ducting long, 39.4 in (1,000 mm), black	
	62U003AA104	ModulAir 2 ducting end, 10 in (255 mm), black	

Build your HVAC kit

To begin configuring your custom kit, start by choosing an option from each of the eight categories below that best fits your vehicle application requirement. Then, summarize your selections over on page 10. From there, a Webasto HVAC representative will review your selections with you and complete your kit build.

Not sure where to start? No problem! Contact your Webasto representative at any time for further assistance.

1 Select evaporator basic kit

VAC basic kit contents: Cooling only evaporator unit, condensate hose, TXV & misc. hardware

HVAC basic kit contents: Heating & Cooling evaporator unit, condensate hose, coolant pump, coolant valve & fittings, coolant hose clamps, TXV & misc. hardware

☒	Kit P/N	Description	
	5014034	Moscow (VAC) basic kit with thermostat*	Independent, horizontal mount
	5014035	Kiev (HVAC) basic kit with thermostat*	Independent, horizontal mount

*Air distributors not included.

Note: When building independent systems, a secondary compressor / mount kit must be purchased separately through either Webasto or Customer sourced directly.

2 Select condenser

Valencia rooftop kit contents: Valencia Roof Top condenser, filter/dryer (contained within), misc. mounting hardware

Universal and Sprinter underbody condenser kit contents: Underbody condenser, filter/dryer, universal underbody mounting brackets & hardware

☒	Kit P/N	Description	
	62U00025437F	Valencia condenser	Independent, rooftop
	5013770	Universal condenser	Independent, underbody
	5013785	Sprinter condenser	Independent, underbody

3 Select wiring / controller

Wiring harnesses & controller kit contents: Controllers, power & ground wiring, signal wiring, relay board (Independent Systems)

Additional: Bracket for ProMaster Vans - non-dashboard installment

☒	Kit P/N	Description	
	5014030	Wire harnesskit - Neo 1 controller (VAC)	Independent, front
	5014029	Wire harness kit - Neo 1 controller (VAC)	Independent, rear
	5014028	Wire harness kit - Neo 2 controller (HVAC)	Independent, front
	5014027	Wire harness kit - Neo 2 controller (HVAC)	Independent, rear
	5014037	Wire harness kit - Neo 2+ controller (HVAC)	Independent, rear

4 Select A/C fittings

Refrigerant fittings kit contents: AC fittings, pressure switches (independent systems)

☒	Kit P/N	Description	
	5014025	A/C fittings	Independent, underbody
	5014024	A/C fittings	Independent, rooftop

5 Select A/C hose

Refrigerant hoses kit contents: High & low pressure refrigerant hoses, refrigerant hose insulation

☒	Kit P/N	Description	
	5014033	A/C hose #6 (6 meters), #8 and #12 (8 meters)	Independent, front mount, RTC
	5014032	A/C hose #6 (4 meters), #8 (15 meters), #12 (14 meters)	Independent, rear mount, RTC
	5014031	A/C hose #6 and #12 (14 meters), #8 (8 meters)	Independent, front or rear mount, UBC

6 Select coolant hose

☒	Kit P/N	Description	
	5013573	Coolant Hose, 5/8 in (11 meters); 3/4 in (3 meters)	Independent, Front Mount
	5013574	Coolant Hose, 5/8 in (21 meters); 3/4 in (4 meters)	Independent, Rear Mount

7 Select mounting bracket (optional)

☒	Kit P/N	Description	
	5014021	Universal mounting bracket	Kiev, Moscow

8 Select accessory (optional)

☒	Kit P/N	Description	
	5014221*	Cover kit with louvers, black	Kiev, Moscow
	8211378	Cover without louvers, black	Kiev, Moscow
	62U003AA025	Air distributor with round louvers, grey	Kiev, Moscow
	62U003AA121	ModulAir 2 ducting evaporator Inlet, black	Kiev, Moscow
	62U003AA106	ModulAir 2 ducting short, black	Kiev, Moscow
	62U003AA108	ModulAir 2 ducting long, black	Kiev, Moscow
	62U003AA104	ModulAir 2 ducting end, black	Kiev, Moscow

*Miscellaneous mounting hardware included.

Product specifications



Cooling only evaporator units (VAC)	Moscow
Part number (unit only)	62U003FF064E
Mounting	Horizontal
Cooling capacity	45,700 BTU/h (13.4 kW)
Refrigerant	R134
Nominal voltage	12 V
Max. power consumption (12 V)	19 A
Max. air flow evaporator blower	589 cfm (81,000 m ³ /h)
Dimensions	33.7 x 14 x 7 in (856 x 355 x 170 mm)
Weight	25.3 lbs (11.5 kg)



Heating & cooling evaporator units (HVAC)	Kiev
Part number (unit only)	62U003CF051E
Mounting	Horizontal
Heating capacity	39,000 BTU/h (11.4 kW)
Cooling capacity	45,700 BTU/h (13.4 kW)
Refrigerant	R134
Nominal voltage	12 V
Max. power consumption (12 V)	18 A
Max. air flow evaporator blower	589 cfm (81,000 m ³ /h)
Dimensions	33.7 x 14 x 7 in (856 x 355 x 170 mm)
Weight	27.6 lbs (12.5 kg)



Rooftop condenser units	Valencia	Underbody condenser
Part number (unit only)	62U00025437	62U00025459
Cooling capacity	42,650 BTU/h (12.5 kW) Rooftop condenser, integrated receiver dryer	47,800 BTU/h (14.0 kW)
Refrigerant	R134	
Nominal voltage	12 V	
Max. power consumption (12 V)	25 A	25 A
Dimensions	37.6 x 23.6 x 5.9 in (955 x 600 x 150 mm)	28.5 x 4.1 x 17.7 in (725 x 105 x 450 mm)
Weight	31 lbs (12 kg)	13.2 lbs (6 kg)



Rooftop
Air Conditioning

Evaporator Units

Heating Units



Condensers

Engine-Off Heating

HVAC A La Carte



Air Distribution
Accessories

Control Units



ModulAir 1 ducting accessories

Cyprus / Glasgow / London / Oslo / Sedona / Vancouver

	Description	Dimensions W x L x H	Suitable for	Part Number
	Air duct, 3.9 in (100 mm), Black	19.6 x 3.9 x 4.4 in (497 x 100 x 112 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA052
	Air duct, 3.9 in (100 mm), Grey	19.6 x 3.9 x 4.4 in (497 x 100 x 112 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA053
	Air duct, 19.7 in (500 mm), Black	19.6 x 19.7 x 2 in (497 x 500 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA059
	Air duct, 19.7 in (500 mm), Grey	19.6 x 19.7 x 2 in (497 x 500 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA060
	Air duct, 39.4 in (1000 mm), Black	19.6 x 39.5 x 2 in (497 x 1000 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA057
	Air duct, 39.4 in (1000 mm), Grey	19.6 x 39.5 x 2 in (497 x 1000 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA058
	Air duct, 9.7 in (247 mm), Black	19.6 x 9.7 x 2 in (497 x 247 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA061
	Air duct, 9.7 in (247 mm), Grey	19.6 x 9.7 x 2 in (497 x 247 x 50 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA062
	Evaporator cover, Black	26.8 x 16.3 x 6.7 in (680 x 414 x 170 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA093
	Evaporator cover, Grey	26.8 x 16.3 x 6.7 in (680 x 414 x 170 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA094

ModulAir 2 ducting accessories

Kiev / Moscow

	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Adapter for Moscow / Kiev, Black	34.1 x 4.5 x 3.4 in. (865 x 115 x 88 mm)	Kiev / Moscow	62U003AA121
	Air duct, 19.7 in (500 mm), Black	24 x 19.7 x 2.2 in. (610 x 500 x 55 mm)	Kiev / Moscow	62U003AA106
	Air duct, 39.4 in (1000 mm), Black	24 x 39.4 x 2.2 in. (610 x 1000 x 55 mm)	Kiev / Moscow	62U003AA108
	Air duct, 10 in (255 mm), Black	24 x 10 x 2.2 in. (610 x 255 x 55 mm)	Kiev / Moscow	62U003AA104
	Evaporator Cover, Black, without louvers for use with air duct segments	43 x 20 x 8.2 in. (1092 x 508 x 210 mm)	Kiev / Moscow	8211378
	Evaporator Cover, Black, with six round orbital louvers	43 x 20 x 8.2 in. (1092 x 508 x 210 mm)	Kiev / Moscow	5014221

ModulAir 3 ducting accessories

Cool Top RTC 140

	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Return air grill, filter holder, Grey, 1 pcs	24.2 x 19.5 x 1.4 in. (615 x 495 x 35 mm)	Cool Top RTC 140	62U003AA141
	End piece with louvers, attachment to male ends, Grey, 2 pcs	10.3 x 3.3 x 3.4 in. (263 x 85 x 86 mm)	Cool Top RTC 140	62U003AA159
	Side air ducts with male ends, Grey, 2 pcs	10.3 x 39.4 x 3.4 in. (263 x 1,000 x 86 mm)	Cool Top RTC 140	62U003AA161
	Side air ducts with male and female ends, Grey, 2 pcs	10.4 x 39.4 x 3.4 in. (263 x 1,000 x 86 mm)	Cool Top RTC 140	62U003AA157
	Side air ducts with male and female ends, Grey, 2 pcs	10.4 x 19.7 x 3.4 in. (263 x 500 x 86 mm)	Cool Top RTC 140	62U003AA158
	End caps, attachment to male ends, Grey, 2 pcs	10.4 x 0.87 x 3.4 in. (263 x 22 x 86 mm)	Cool Top RTC 140	62U003AA160

Air ducting, diffusers & grilles

Oakland / Phoenix / Ibiza / Marbella

	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Front panel 3 ducts, 2.4 in (60 mm), Black	13.6 x 2.7 x 3.5 in (345 x 68 x 90 mm)	Oakland / Phoenix	62U003AA065
	Front panel 3 ducts, 2.4 in (60 mm) diameter, Grey	13.6 x 2.7 x 3.5 in (345 x 68 x 90 mm)	Oakland / Phoenix	62U003AA066
	Front panel 4 ducts, 2.4 in (60 mm) diameter, Black	13.6 x 2.8 x 3.5 in (345 x 72 x 90 mm)	Oakland / Phoenix	62U003AA102
	Front panel 4 ducts, 2.4 in (60 mm) diameter, diameter louver 2.8 in (70 mm), Grey	13.6 x 2.8 x 3.5 in (345 x 72 x 90 mm)	Oakland / Phoenix	62U003AA103
	Front panel 4 ducts, 2.2 in (55 mm) diameter, Black	13.6 x 1.9 x 3.5 in (345 x 48 x 90 mm)	Oakland / Phoenix	62U003AA016
	Front panel 4 ducts, 2.2 in (55 mm) diameter, Grey	13.6 x 1.9 x 3.5 in (345 x 48 x 90 mm)	Oakland / Phoenix	62U003AA067
	Front panel 4 round 2.6 in (67 mm) diameter louvers, Black	13.6 x 1.5 x 3.5 in (345 x 38 x 90 mm)	Oakland / Phoenix	62U003AA017
	Front panel 4 round 2.6 in (67 mm) diameter louvers, Grey	13.6 x 1.5 x 3.5 in (345 x 38 x 90 mm)	Oakland / Phoenix	62U003AA068
	Front panel 1 grille, Black	13.6 x .9 x 3.5 in (345 x 22 x 90 mm)	Oakland / Phoenix	62U003AA018
	Front panel 1 grille, Grey	13.6 x .9 x 3.5 in (345 x 22 x 90 mm)	Oakland / Phoenix	62U003AA069
	Front panel 2 rectangular louvers + controls, Black	13.6 x 1.6 x 3.5 in (345 x 40 x 90 mm)	Oakland / Phoenix	62U003AA128
	Front panel 2 rectangular louvers + controls, Grey	13.6 x 1.6 x 3.5 in (345 x 40 x 90 mm)	Oakland / Phoenix	62U003AA129
	Front panel 3 ducts, 2.4 in (60 mm) diameter louver, Black	20.5 x 3.1 x 3.5 in (520 x 78 x 90 mm)	Oakland / Phoenix	62U003AA070
	Front panel 3 ducts, 2.4 in (60 mm) diameter louver, Grey	20.5 x 3.1 x 3.5 in (520 x 78 x 90 mm)	Oakland / Phoenix	62U003AA071
	Front panel external duct, 1.8 in (45 mm) diameter louver, Black	13.6 x 2.4 x 3.5 in (345 x 60 x 90 mm)	Phoenix	62U003AA146
	Front panel external duct, 1.8 in (45 mm) diameter louver, Grey	13.6 x 2.4 x 3.5 in (345 x 60 x 90 mm)	Phoenix	62U003AA147
	Ø 3.6 in (Ø 90 mm), Black	17.1 x 5.1 x 3.5 in (445 x 130 x 90 mm)	Oakland	62U003AA170

	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Front panel 4 hoses, diameter louver, 2.5 in (60 mm) Color: Black	14.6 x 4.1 x 5.7 (370 x 105 x 145 mm)	Marbella / Ibiza	62U003AA142
	Air distributor kit with louvers Color: Black	18.4 x 6.4 x 4.6 (467 x 162 x 116 mm)	Marbella / Ibiza	5011829

Air ducting, diffusers & grilles

Cyprus / Glasgow / London / Oslo / Sedona / Vancouver

	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Front panel 3 round 2.4 in (60 mm) diameter louvers, Black	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA151
	Front panel 3 round 2.4 in (60 mm) diameter louvers, Grey	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA152
	Front panel 4 ducts, 2.4 in (60 mm) diameter louver, Black	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA019
	Front panel 4 ducts, 2.4 in (60 mm) diameter louver, Grey	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA049
	Front panel 4 round louvers, Black	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA020
	Front panel 4 round louvers, Grey	15.6 x 2.3 x 4.1 in (395 x 58 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA050
	Front panel 3 round louvers + controls, Black	15.6 x 1.5 x 4.1 in (395 x 39 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA045
	Front panel 3 round louvers + controls, Grey	15.6 x 1.5 x 4.1 in (395 x 39 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA048
	Front panel 3 round louvers + controls, White	15.6 x 1.5 x 4.1 in (395 x 39 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA169
	Front panel 1 grille, Black	15.6 x .9 x 4.1 in (395 x 22 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA021
	Front panel 1 grille, Grey	15.6 x .9 x 4.1 in (395 x 22 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA051
	Front panel 3 round 2.4 in (60 mm) diameter louvers, Black	25.8 x 4.7 x 4.1 in (656 x 119 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA046
	Front panel 3 round 2.4 in (60 mm) diameter louvers, Grey	25.8 x 4.7 x 4.1 in (656 x 119 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA047
	Air distributor, 2.4 in (60 mm) diameter louver, Black	28.3 x 4.75 x 5 in (720 x 108 x 128 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA123
	Air distributor, 2.4 in (60 mm) diameter louver, Grey	28.3 x 4.75 x 5 in (720 x 108 x 128 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA114
	Front panel 2 round 3 in (75 mm) diameter louvers, Black	17.7 x 4.1 x 4.1 in (450 x 105 x 105 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA165
	Front panel 4 front and 2 side louvers diameter front 2 in (50 mm), side 2.4 in (60 mm), Black	17.9 x 12.4 x 11.1 in (455 x 315 x 283 mm)	Cyprus / Glasgow / London / Oslo / Sedona / Vancouver	62U003AA166

Air ducting, diffusers & grilles

Kiev / Moscow



	Description	Dimensions <i>W x L x H</i>	Suitable for	Part Number
	Front panel w/o frame with 6 round holes, 2.4 in (60 mm) diameter louver, Grey	33.5 x 2.3 x 3.3 in (850 x 58 x 85 mm)	Kiev / Moscow	62U003AA027
	Front panel w/o frame with 6 round louvers, Grey	33.5 x 1.1 x 3.3 in (850 x 27 x 85 mm)	Kiev / Moscow	62U003AA025
	Front panel w/o frame with 5 rectangular louvers, Grey	5.3 x 1.9 in (135 x 48 mm)	Kiev / Moscow	62U003AA026
	Front panel with frame with 6 round holes, 2.4 in (60 mm) diameter louver, Grey	34.9 x 2.71 x 4.8 in (886 x 69 x 121 mm)	Kiev / Moscow	62U003AA030
	Front panel with frame with 6 round louvers, Grey	34.9 x 1.5 x 4.8 in (886 x 38 x 121 mm)	Kiev / Moscow	62U003AA028
	Front panel with frame with 5 rectangular louvers, Grey	34.9 x 1.5 x 4.8 in (886 x 38 x 121 mm)	Kiev / Moscow	62U003AA029
	Front panel with frame with 5 rectangular louvers, Black	34.9 x 1.5 x 4.8 in (886 x 38 x 121 mm)	Kiev / Moscow	62U003AA031
	Front panel with back air distribution with 6+ 2 round louvers, 2.4 in (60 mm) diameter louver, Grey	40.7 x 3.7 x 3.3 in (1035 x 95 x 85 mm)	Kiev / Moscow	62U003AA038
	Front panel for air distribution from original air ducts, 4.7 in (120 mm) diameter louver, Black	3.1 x 5.8 x 5.5 in (80 x 147 x 140 mm)	Kiev / Moscow	62U003AA162

Neo control units

Cyprus / Glasgow / London / Oslo / Sedona / Vancouver

	Description	Dimensions <i>W x L x H</i>	Part Number
	Neo 1 COOLING only System Controller On/Off, 3 fan speed, indicator light	2.3 x 2.3 in (60 x 60 mm)	5012812
	Neo 2 HVAC Controller w/ AC Button (Independent System) On/Off, 3 fan speed, additional dial for variable temperature control, A/C mode button, indicator lights	4.7 x 2.3 in (120 x 60 mm)	5012813
	Neo 2 HVAC Controller w/o AC Button (Tie-In System) On/Off, 3 fan speed, additional dial for variable temperature control, indicator lights	4.7 x 2.3 in (120 x 60 mm)	5012814
	Neo 2+ Digital HVAC System Controller On/Off, digital info screen, 4 operating modes, dial with backlighting to indicate operation mode (red, blue, white), blower speed button, indicator lights	4.7 x 2.3 in (120 x 60 mm)	5013520

Rooftop
Air Conditioning

Evaporator Units

Heating Units

Condensers

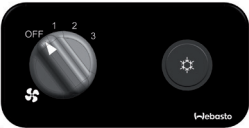
Engine-Off Heating

HVAC A La Carte

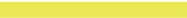
Air Distribution
Accessories

Control Units

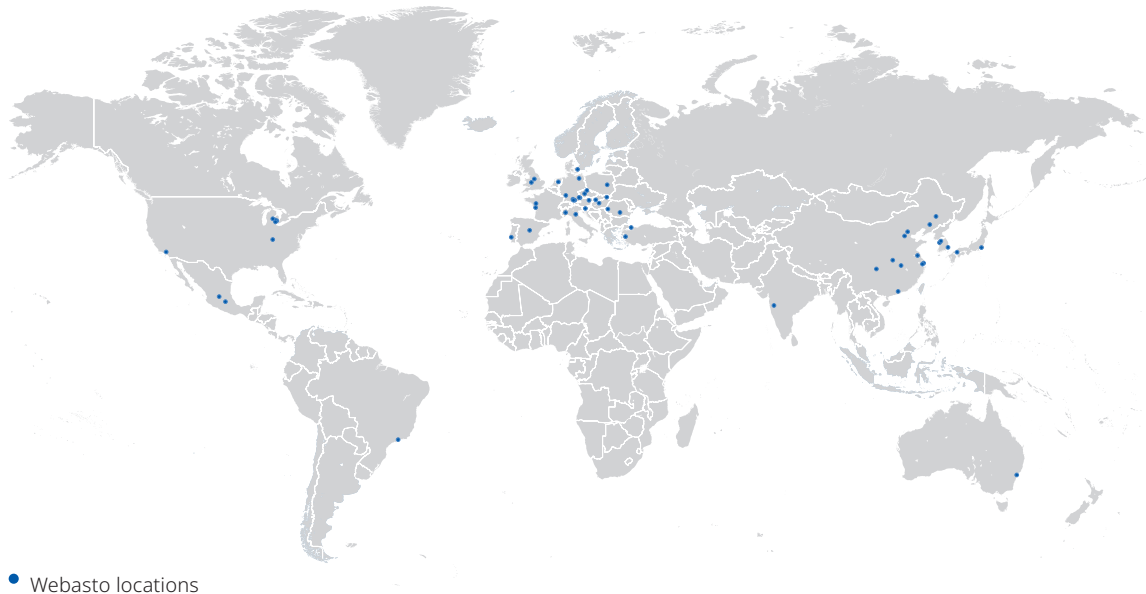
Manual control units

	Description	Dimensions W x L x H	Part Number
	Individual switch On/Off, 3 fan speed	2 x 2 in (50 x 50 mm)	62A04001
	Manual A/C switch with 3 fan speed	3.9 x 2 in (100 x 50 mm)	62A03997
	Manual HVAC with 3 fan speed (NOTE: This part requires Part Number 620282129 in order to work properly)	4.7 x 2 in (120 x 50 mm)	62A03993
	Manual HVAC switch with 3 fan speed and heating/cooling button (12 V)	3.9 x 2 in (100 x 50 mm)	62A031065
	Manual HVAC switch with 3 fan speed Additional switch for temperature control (12 V)	5 x 2.4 x 1.7 in (120 x 63 x 43 mm)	62A04054

Notes



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As a global innovative systems partner to the mobility industry, Webasto is one of the 100 largest suppliers to the automotive sector worldwide. In development, manufacturing and sales, the company focuses on roof systems on the one hand and on vehicle electrification on the other hand. The product range includes, openable and fixed panoramic roofs, electric high-voltage heaters and batteries, as well as thermo management solutions. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles, and boats, as well as dealers and end customers. In 2022, the Group generated sales of over 4 billion euros and employed about 16,800 people at more than 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany). For more information, please visit www.webasto.com



Discover how
Webasto promotes
sustainability



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