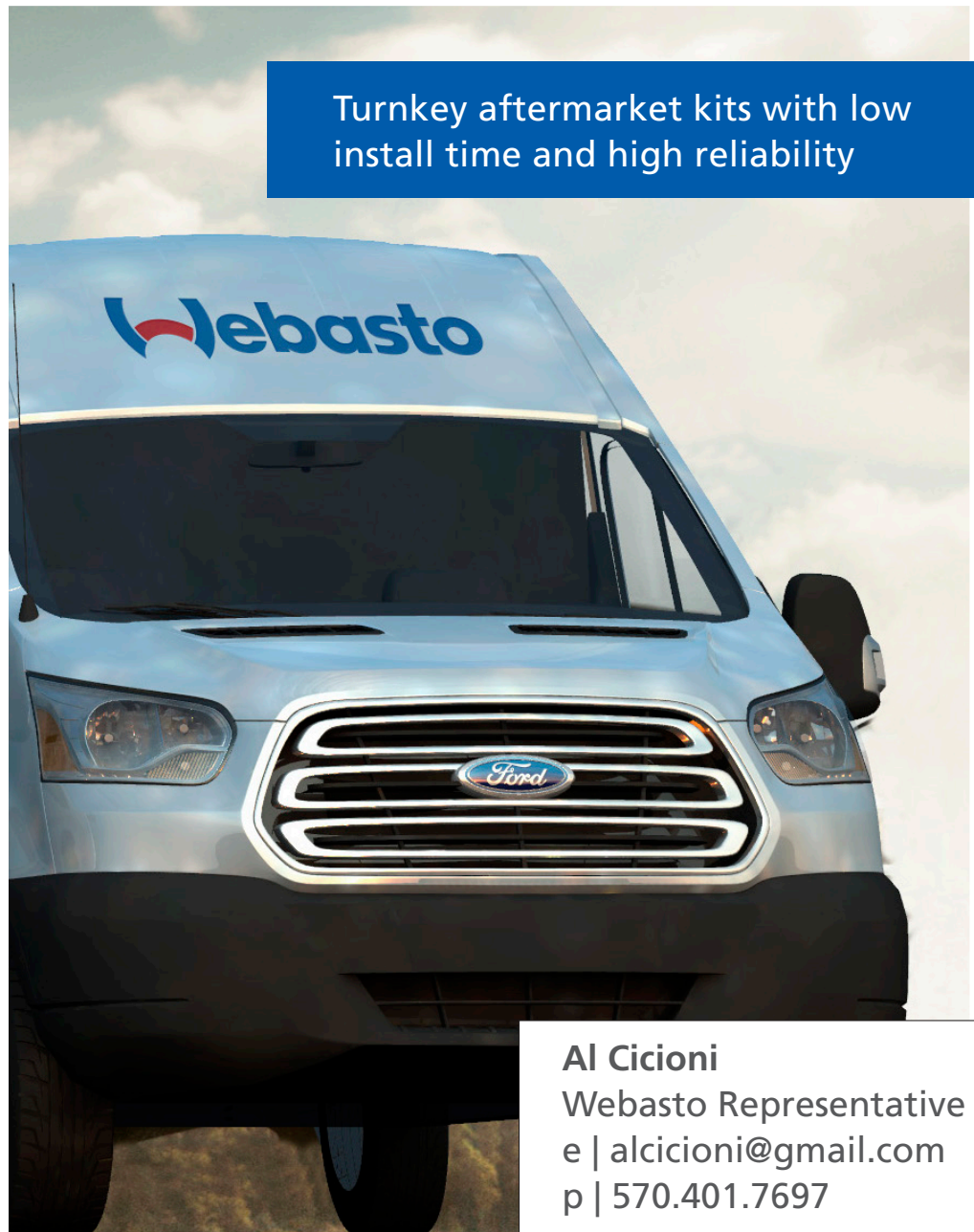




Auxiliary HVAC | Ford Transit Cargo Vans

Standard Tie-in Systems ■ High Capacity Independent Systems

Turnkey aftermarket kits with low install time and high reliability



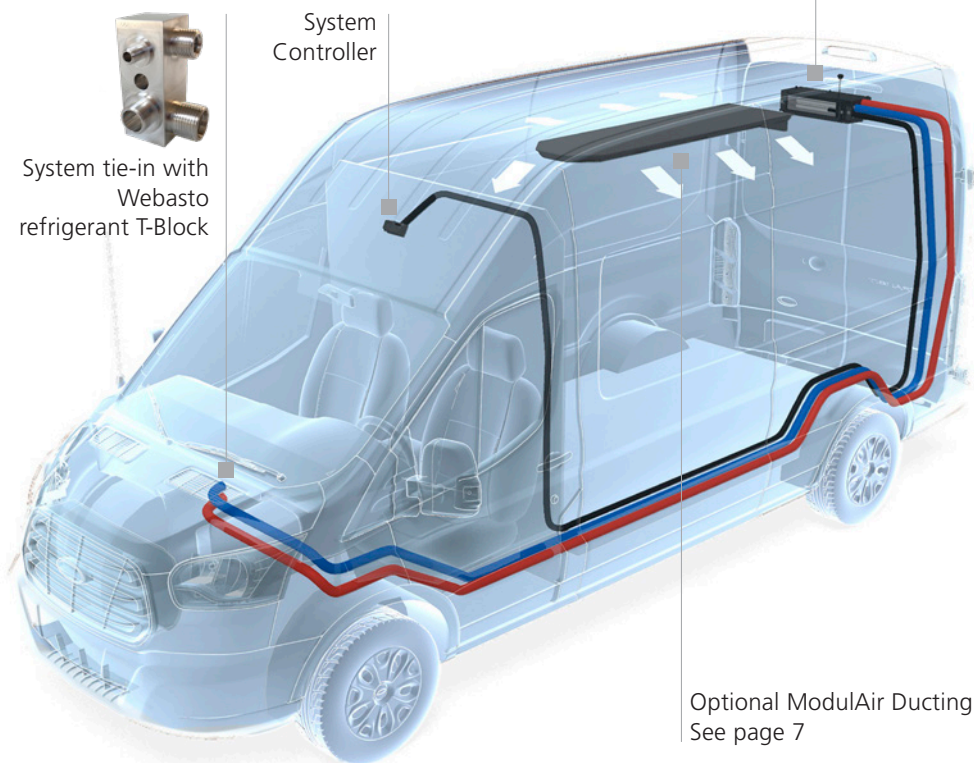
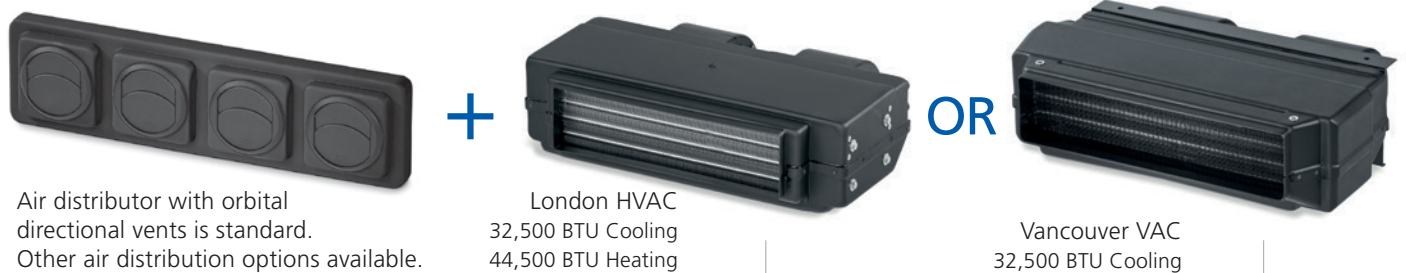
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Standard Tie-in Systems

London HVAC and Vancouver VAC

For applications that require maximum cooling, independent systems include London HVAC or Vancouver VAC, engine driven compressor and roof mounted or under chassis condenser.

Application – Passenger vans with windows, limousine, perishables transport – hotter climates



System Features:

- Optimal performance
32,500 BTU/h cooling
* < 32,500 on tie-in configurations
- 44,500 BTU/h heating (London only)
- Variable temperature control (London only)
- 3 speed fan up to 471 CFM airflow
- Compact, low profile heating & cooling units < 7 inches height
- Quiet, efficient operation

➤ Vehicle Integration - Cooling

The London or Vancouver units are connected to the Ford Transit factory front HVAC refrigerant loop and share the vehicle's existing in-line condenser and compressor.

➤ Vehicle Integration - Heating

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

Ibiza HVAC

Vertical Wall Unit

Modular ducting and air distributor options available. See page 7

Application – Best suited for work trucks



Controllers

London HVAC, Vancouver VAC and Ibiza HVAC



London & Ibiza controller with on/off, 3 speed fan and variable temperature control



Vancouver controller with on/off, 3 speed fan



Optional digital controller

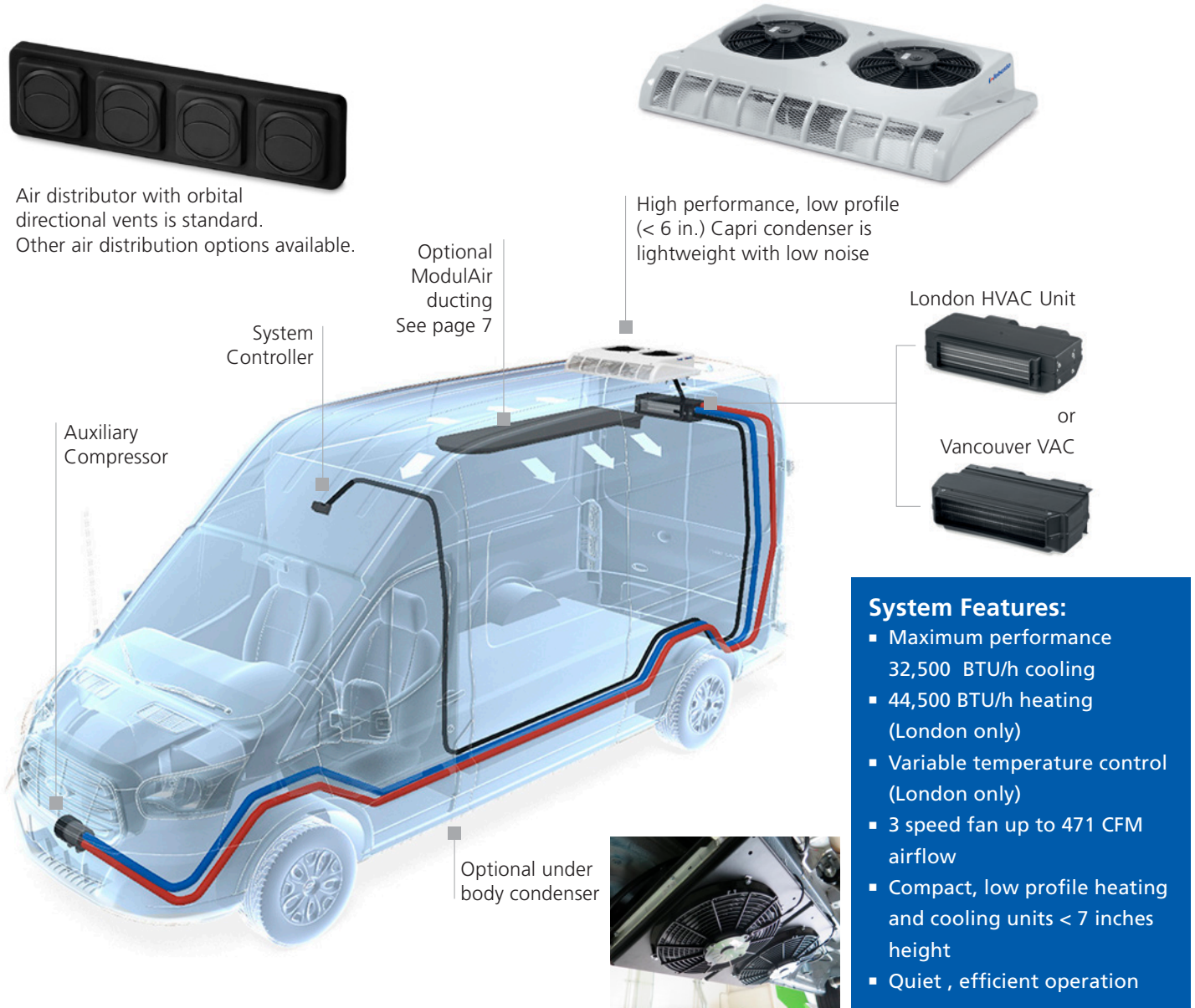
System Specifications	London HVAC	Vancouver VAC	Ibiza HVAC
Cooling Capacity (lower on tie-in systems)	32,500 BTU/h	32,500 BTU/h	31,000 BTU/h
Heating Performance	44,500 BTU/h	N/A	41,000 BTU/h
Refrigerant	R134A	R134A	R134A
Nominal Voltage	12V	12V	12V
Max. Power Consumption @ 12V	21 A	21 A	21 A
Max. Air Flow	471 cfm	471 cfm	471 cfm
Dimensions L x W x H inches	21.7 x 15.7 x 7.1 in	19.7 x 14.2 x 6.5 in	25.2 x 7.1 x 14 in
Weight lbs.	17 lbs	14.8 lbs	22 lbs

High Capacity Independent Systems

London HVAC and Vancouver VAC

For applications that require maximum cooling, independent systems include London HVAC or Vancouver VAC, engine driven compressor and roof mounted or under body condenser.

Application – Passenger vans with windows, limousine, perishables transport – hotter climates



» Vehicle Integration - Cooling

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

» Vehicle Integration - Heating

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

Turnkey Installation Kits

London HVAC, Vancouver VAC and Ibiza HVAC Tie-in Systems

Turnkey, Transit Cargo Van specific kits include all items needed to install a functional system with minimal install time and high system reliability.

Install Kit	Description	Vehicle Application
5011596	London HVAC Heating and Cooling Kit	Transit Long, Med & High Roof
5012193	London HVAC Heating and Cooling Kit	Transit Long Extended Med & High Roof
5012355	Vancouver VAC Cooling Only Kit	Transit Long, Med & High Roof
5012445	Vancouver VAC Cooling Only Kit	Transit Long Extended Med & High Roof
5011524	Ibiza Vertical Wall Mount HVAC Heating and Cooling Kit	Transit Long or Extended Med & High Roof

Turnkey Installation Kits

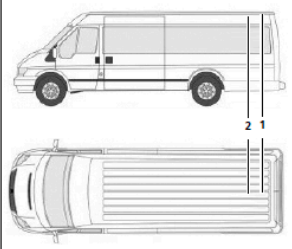
London HVAC and Vancouver VAC Independent Systems

Install Kit	Description	Condenser	Vehicle Application
5011632	London HVAC Heating and Cooling Kit For Long Extended vans order bracket 5012405	Rooftop	Transit Long Med & High Roof
5011815	London HVAC Heating and Cooling Kit For Long Extended vans order bracket 5012405	Underbody	Transit Long Med & High Roof
5012515	Vancouver VAC Cooling Only Kit	Rooftop	Transit Long Extended Med & High Roof
5012697	Vancouver VAC Cooling Only Kit	Underbody	Transit Long Extended Med & High Roof
5012617	TM16 Compressor & Mount Kit		3.2L diesel engines
5011833	TM16 Compressor & Mount Kit		3.5L gas engines
5012621	TM16 Compressor & Mount Kit		3.7L gas engines

Install Instruction & Technical Support

Comprehensive Install Manuals, TechWebasto.com support & telephone support.

Transit Vancouver
VAC Kit Vancouver Transit Wagon



Webasto
Feel the Drive

Ford Transit
2015 - Present 3.5 Liter
148" Wheelbase - High-roof - Wagon body
For kit 5012603

Special instructions for these models
Part locations may differ slightly due to the vehicle-specific configuration.

Legend
1 Vancouver VAC Unit Assembly
2 Condenser Assembly

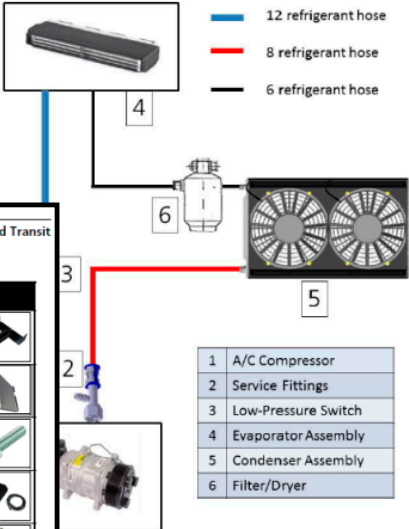
Special Tools

- Oetiker pliers
- Rivnut installation tool
- Hole saw kit
- Refrigerant recovery and recharging machine
- Weather-Pack/Metri-Pack crimping tool 12085270

Vancouver
Kit Contents

Item Number	Part Number	Description	Quantity	
1	5012567	BRACKET LONDON TRANSIT WAGON	1	
2	62U00025459	UNDER CHASSIS CONDENSER	1	
3	5010279	BOLT HEX M6-1.6G X 16.8.8 ZP DIN 933	8	
4	5012085	VAC KIT VANCOUVER 12V W-THERMOSTAT	1	
5	62017067	FILTER DRYER R134A	1	
6	62036025	SUPPORT - FILTER	1	
7	5001321	BOLT M6-1.0 x 20	11	
8	5011771	LABEL REFRIGERANT CHARGE R134A 2.71BS	1	
9	21499	P-Clip	1	
10	152560	FEDERRING DIN128-A6-PHRF	1	

Vancouver
Refrigerant System Diagram



Ford Transit

- 12 refrigerant hose
- 8 refrigerant hose
- 6 refrigerant hose

- 1 A/C Compressor
- 2 Service Fittings
- 3 Low-Pressure Switch
- 4 Evaporator Assembly
- 5 Condenser Assembly
- 6 Filter/Dryer

High performance aftermarket heating and cooling systems engineered for vehicle specific platforms that minimize install time and maximize reliability.







Optional Accessories

Universal Ducting - ModulAir 1

ModulAir 1, low profile, high performance ducting for evenly distributed air.
Compatible with London HVAC and Vancouver VAC systems.

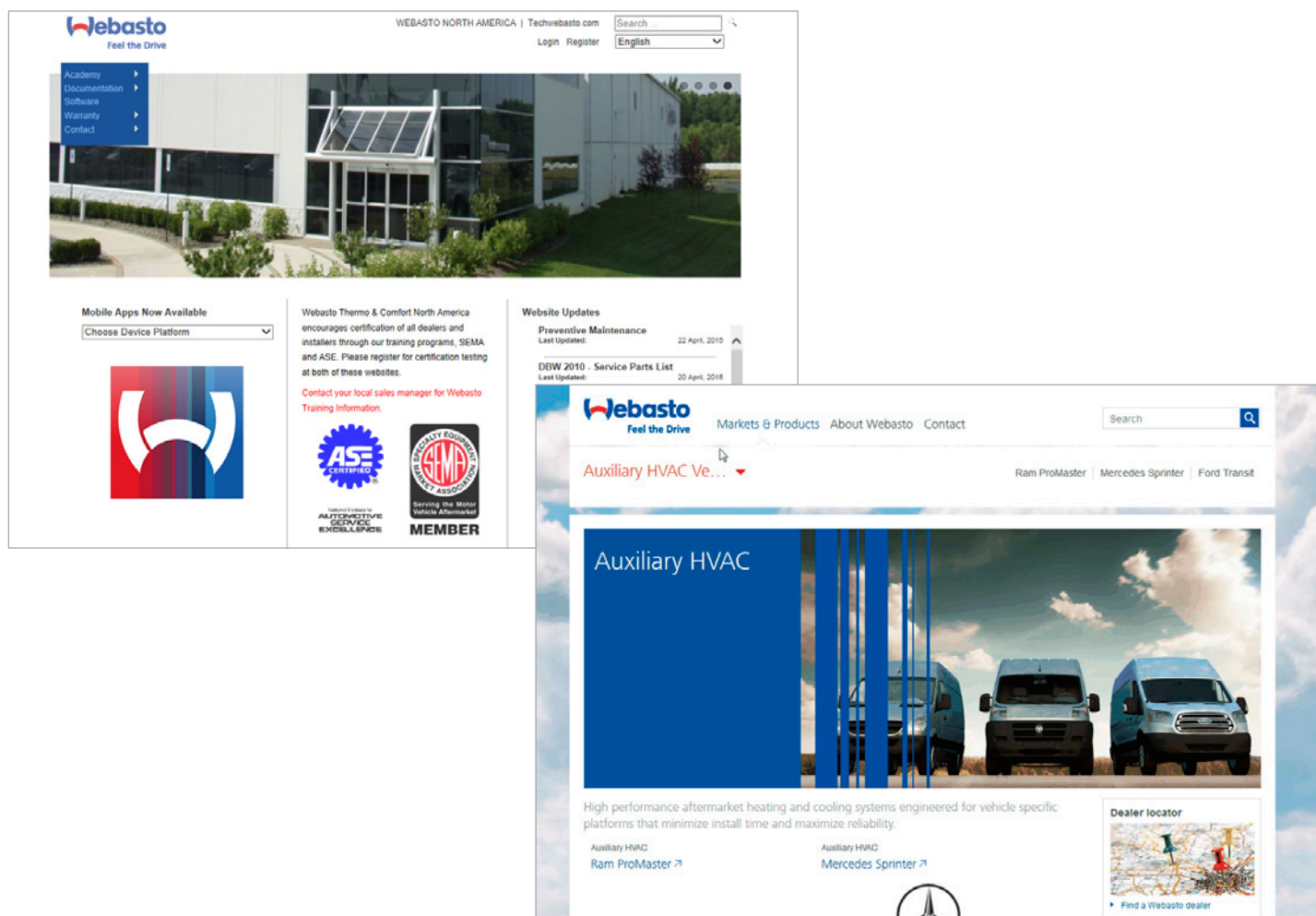
Ducting segments are available in various lengths for custom applications.



ModulAir Segment	Part Number	Description, L x W x H inches
	62U003AA052A	Air outlet for London, Vancouver, black, 3.9 x 19.6 x 4.4
	62U003AA059A	Duct segment, short, black, 19.7 x 19.5 x 2
	62U003AA057A	Duct segment, long, black, 39.4 x 19.5 x 2
	62U003AA061A	Duct segment, end, black, 9.7 x 19.5 x 2
	62U003AA142B	Air plenum for Ibiza, 4 ea. 2 inch openings, black
	5011829A	Air distributor for Ibiza, 4 directional vents

Mobile + Online Support

- Mobile Dealer Locator available for iOS and Android devices
- **webasto.com** - interactive website featuring product brochures and information
- **techwebasto.com** - training and technical documentation
- **webastoliterature.com** - order the latest brochures/catalogs



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