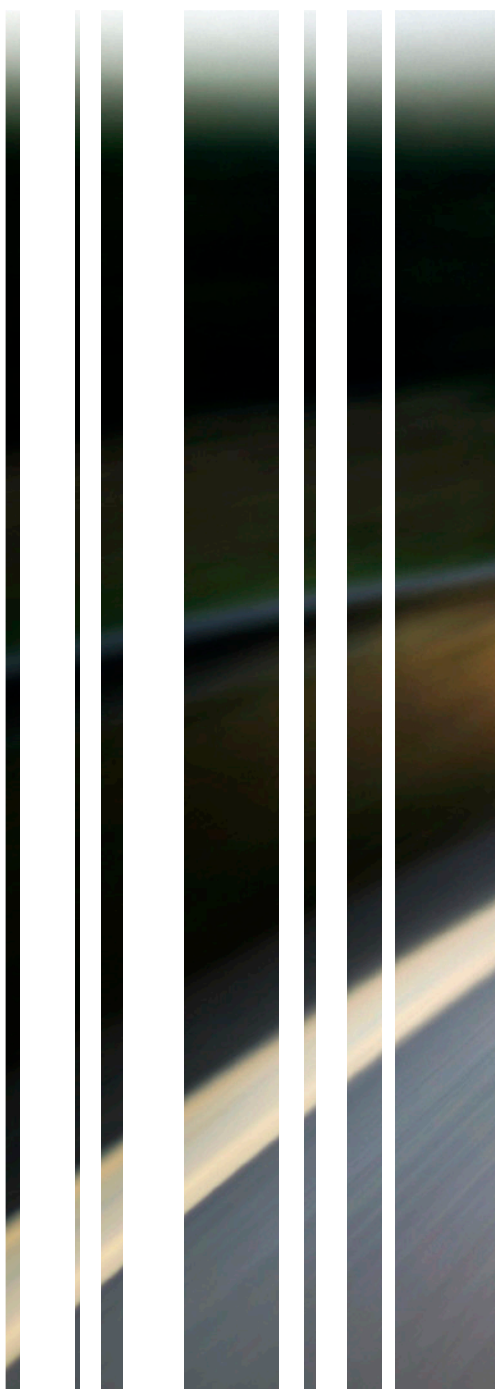




## Auxiliary HVAC | RAM ProMaster® Cargo Vans

Standard Tie-in Systems ■ High Capacity Independent Systems



Turnkey, HVAC kits include all items needed to install a functional system with minimal install time and high system reliability

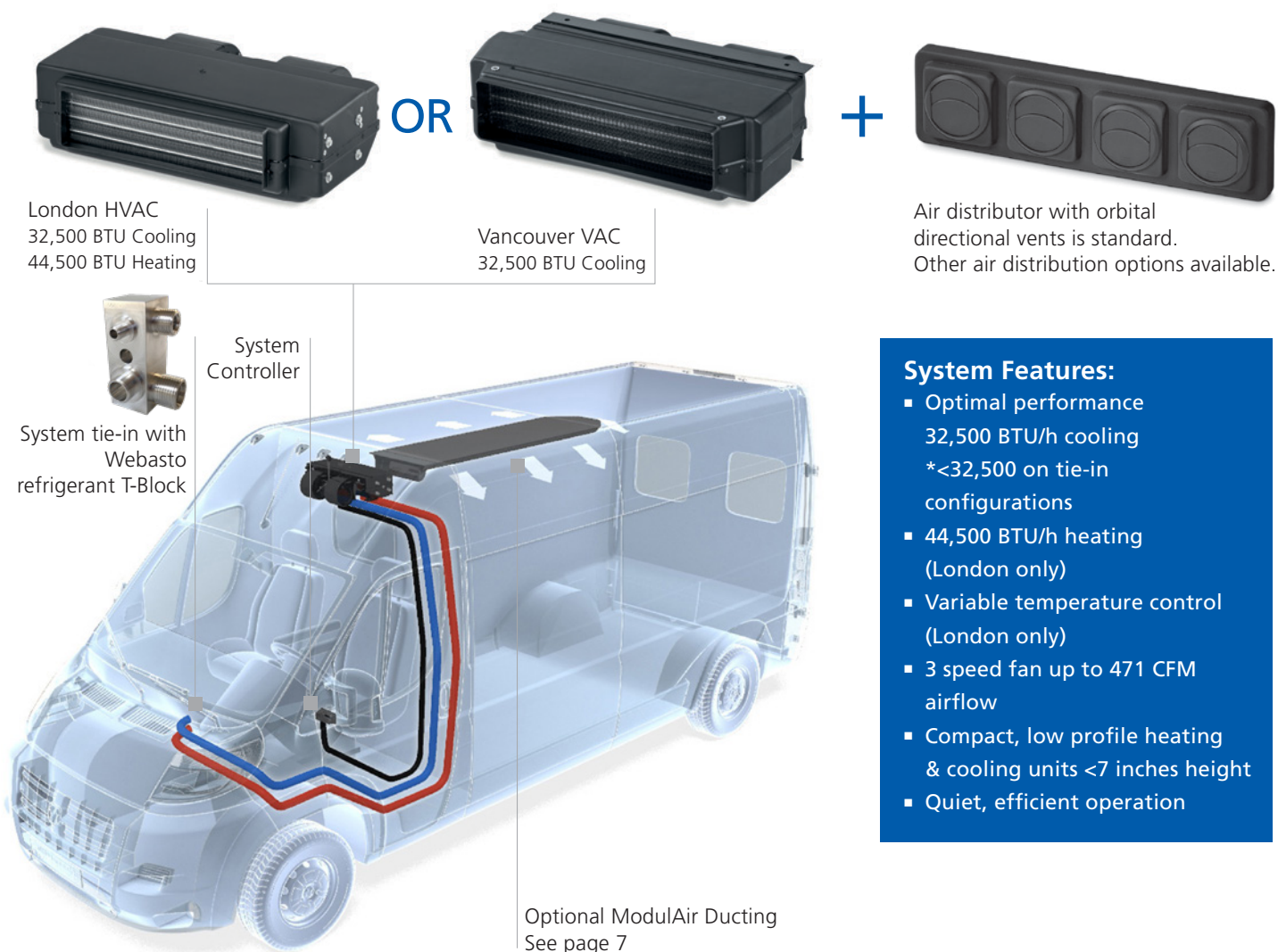
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# Standard Tie-in Systems

## London HVAC and Vancouver VAC

The London heating and cooling unit and Vancouver cooling only unit are installed in the forward cargo storage area on high roof ProMasters with conditioned air delivered rearward into the cargo area. Both units have similar dimensions and occupy minimal space.

**Application** – Work truck, RV, touring vans, limousine, animal transport, perishables transport and more – moderate 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 HVAC or Vancouver VAC units are connected to the RAM ProMaster 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

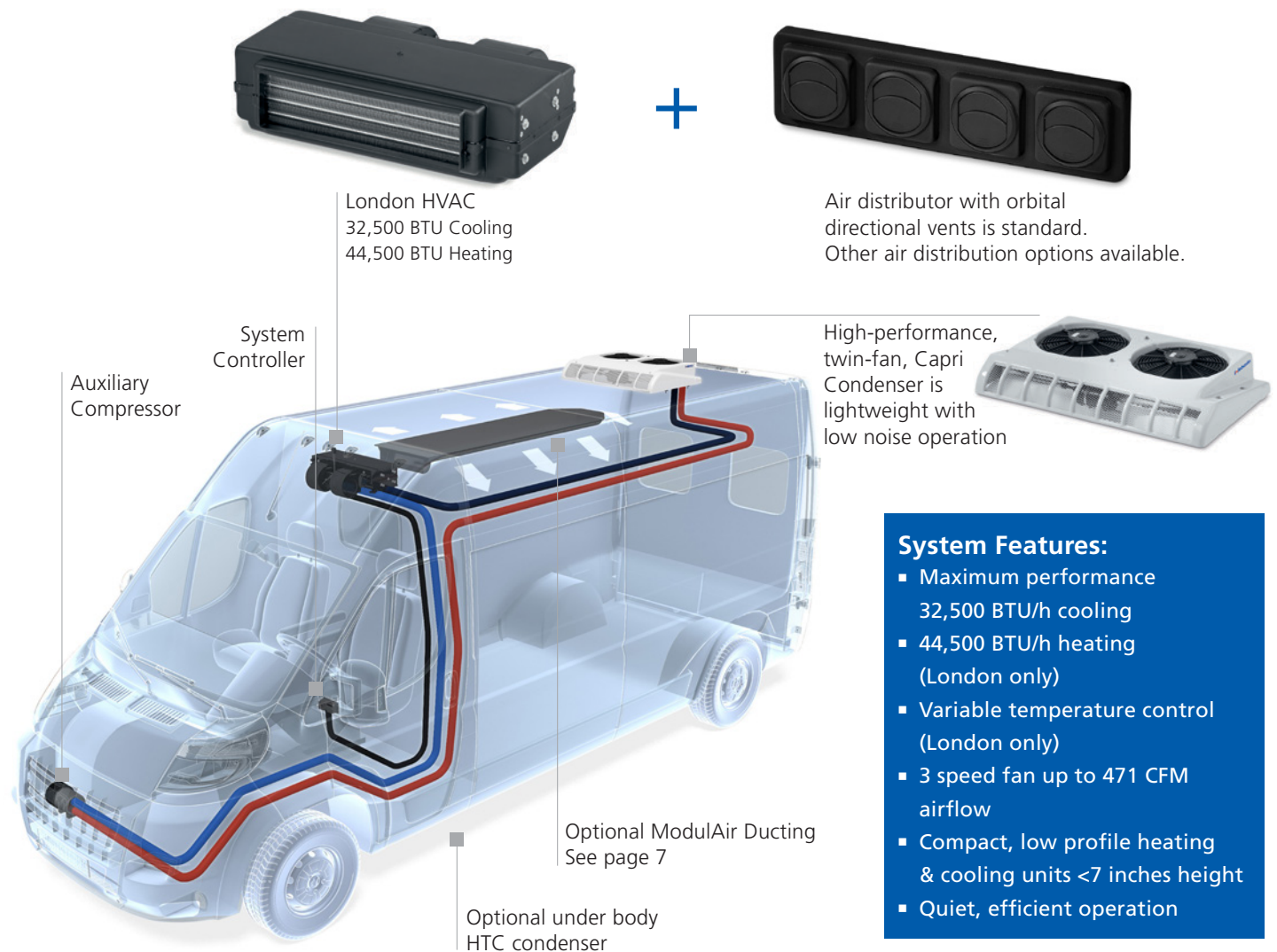
System Specifications	London HVAC	Vancouver VAC	Ibiza HVAC
Cooling Capacity (lower on tie-in systems)	32,500 BTU/h	32,500 BTU/h	31,000 BTU/h
Heating Performance	44,500 BTU/h	N/A	41,000 BTU/h
Refrigerant	R134A	R134A	R134A
Nominal Voltage	12V	12V	12V
Max. Power Consumption @ 12V	21 A	21 A	21 A
Max. Air 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

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

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



### Vehicle Integration - Cooling

The London HVAC operates 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 and Vancouver VAC Tie-in Systems

Turnkey, ProMaster 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
5011975	London HVAC Heating and Cooling Kit	ProMaster High Roof, All Wheelbases
5011982	Vancouver VAC Cooling Only Kit	ProMaster High Roof, All Wheelbases
5012344	Ibiza Vertical Wall Mount HVAC Heating and Cooling Kit	ProMaster Low & High Roof, 118" & 136" Wheelbase


## Turnkey Installation Kits

### London HVAC Independent Systems

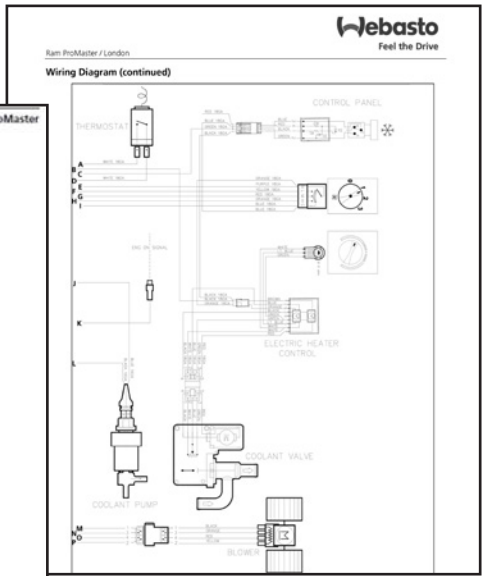
Install Kit	Description	Condenser	Vehicle Application
5012018	London HVAC Heating and Cooling Kit	Rooftop	ProMaster High Roof, All Wheelbases
5011697	London HVAC Heating and Cooling Kit	Underbody	ProMaster High Roof, All Wheelbases
5011832	TM-16 Compressor & Mount Kit		3.6L Gas Engine

# Install Instruction & Technical Support

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



Kit Contents for 5011982A				
Item Number	Part Number	Description	Quantity	Picture
1	5012085	VAC KIT VANCOUVER 12V W- THERMOSTAT	1	
2	5011983	CONTROL HEAD ASSY AC ONLY PROMASTER	1	
3	5012108	INSTALL MANUAL AC PROMASTER - VANCOUVER	1	
4	5012081	BRACKET VANCOUVER PROMASTER LEFT	1	
5	5012082	BRACKET VANCOUVER PROMASTER RIGHT	1	
6	5012083	WIRE HARNESS VANCOUVER PROMASTER	1	
7	5011986A	EDGE TRIM 0.125X0.5 INCH	2 feet	
8	620406	CABLE TIE 11 INCH BLUE	15	
9	5011487	SCREW SELF DRILLING 0.25 X 1 INCH	4	
10	5001321	BOLT HH M6-1.0 6G X 20 8.8 ZP CLEAR	6	



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.

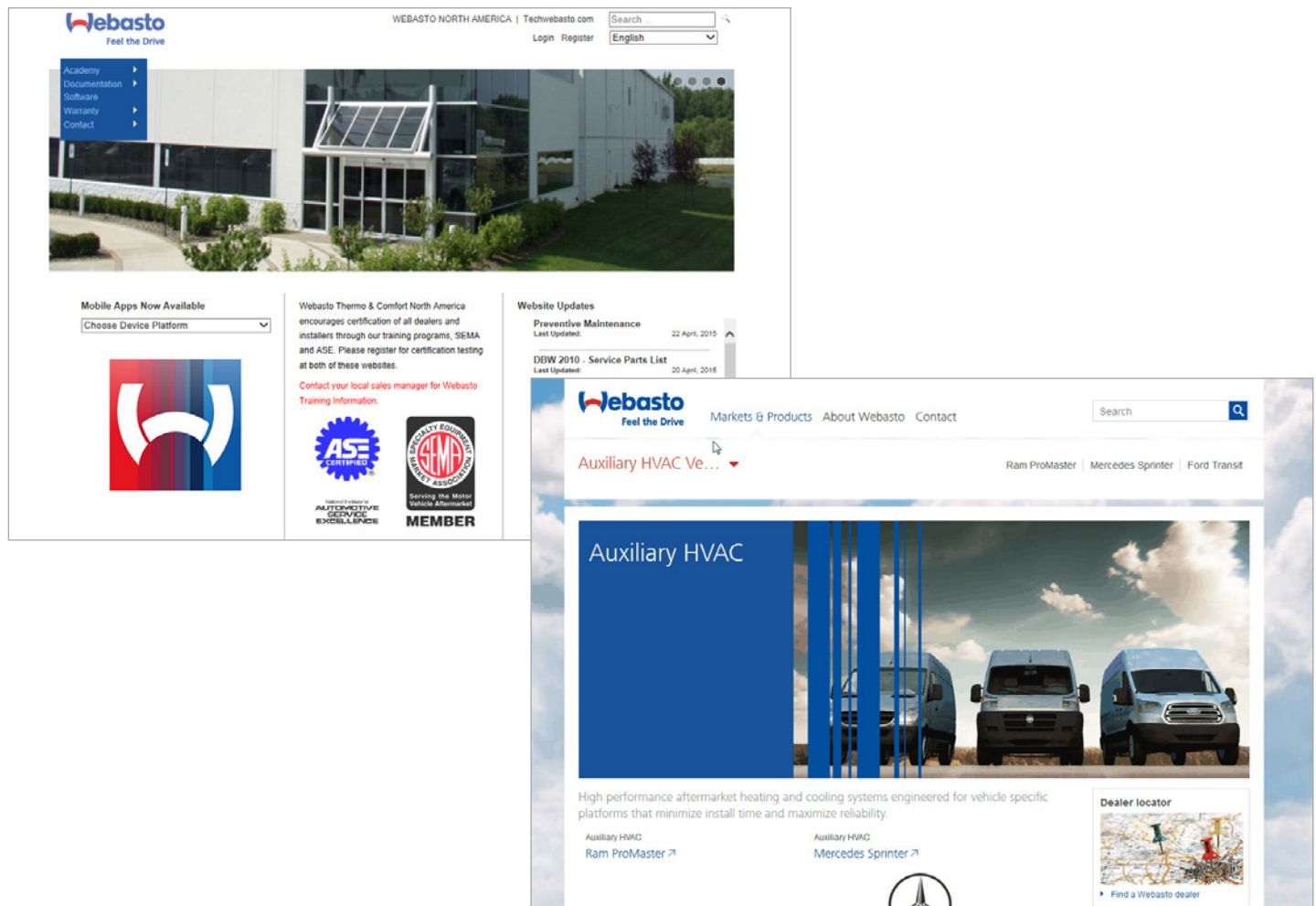
Ducting segments are available in various lengths for custom applications.



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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