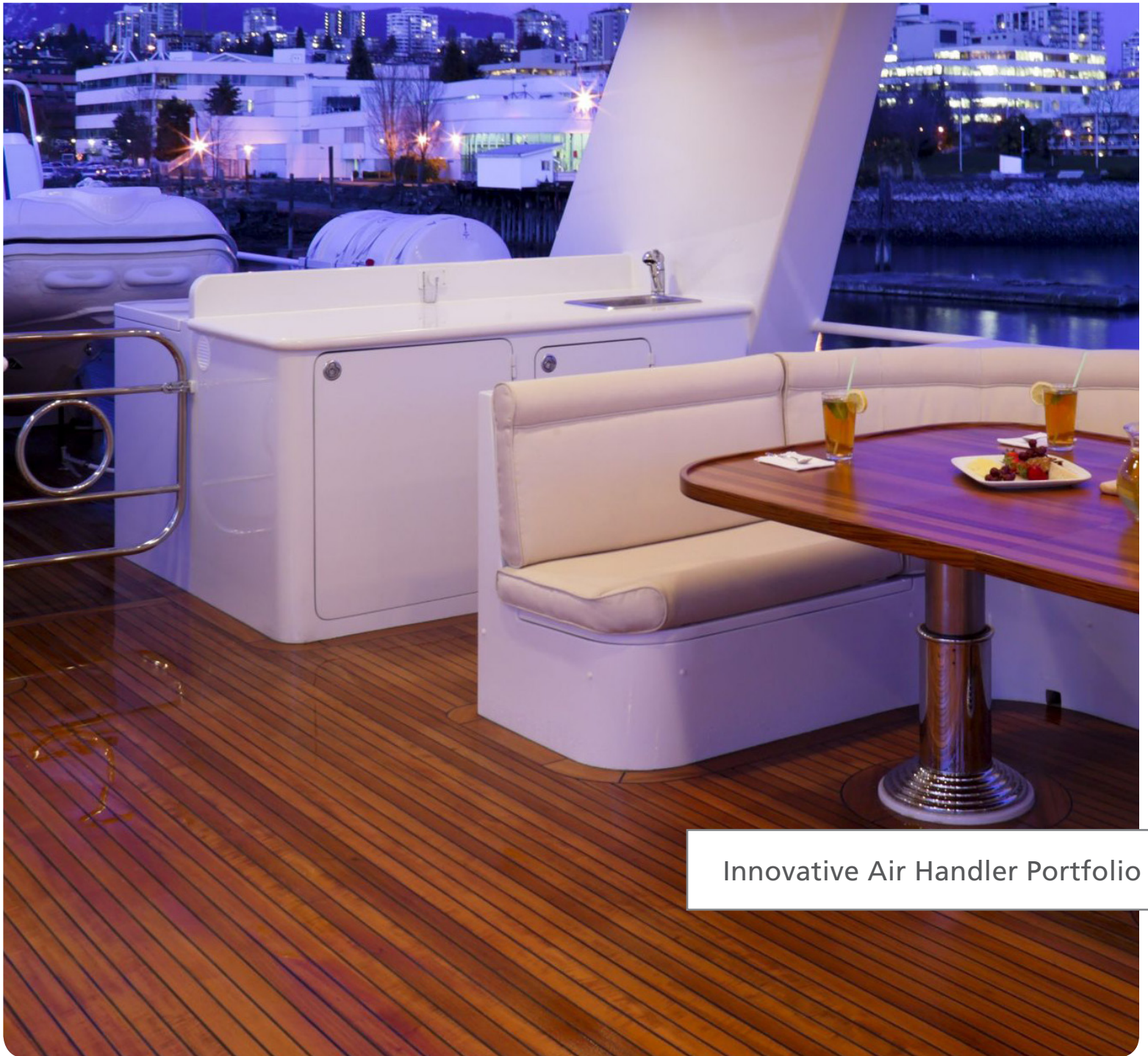


# BlueCool A-Series

Air Handlers



Innovative Air Handler Portfolio

# BlueCool A-Series

## Air Handlers

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Compact



Slimline



Low Profile

### BlueCool A-Series

Webasto provides an extensive air handler portfolio in different layouts with a performance range from 4,000 – 36,000 BTU/h to suit all sizes and space requirements of your boat. The three construction forms of the BlueCool A-Series – Compact, Slimline and Low Profile – are distinguished by their especially compact, slim and flat design.

Designed with innovative features, such as vibration dampers, remote bleeder and the innovative Instant Drain Condensate Management System, the A-series meets the highest demands for comfort. The modular concept of the BlueCool A-series provides maximum flexibility and can easily be extended with accessory components such as the new Electric Heat Module (EHM) and the Flow Control Valve.

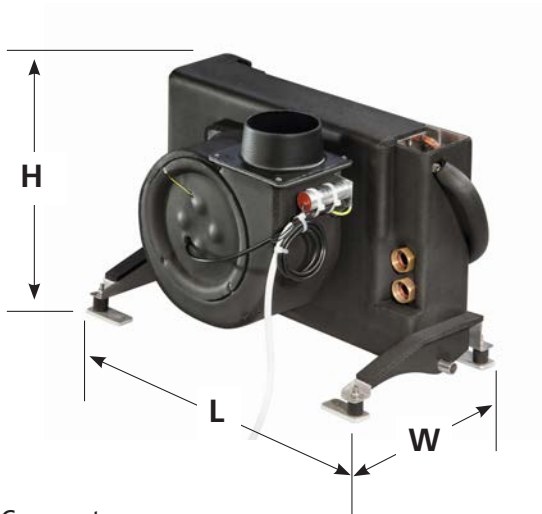
### Features:

- Three possible shapes to cope with any installation demand: Compact, Slimline and Low profile
- New modular system with various options
- Innovative Webasto Instant Drain Condensate Management
- High quality stainless steel design
- High performance with high cooling capacity and high air flow
- Super Silent with flexible vibration isolation mounts & larger ducts to reduce noise from air speed
- Oversized heat exchanger tested under tropical conditions

# Air Handler

## Compact

**NEW**



Compact



Model	A4 Compact	A6 Compact	A9 Compact	A12 Compact	A18 Compact	A24 Compact	A36 Compact
Order numbers	WBCL1209009	WBCL1209010	WBCL1209011	WBCL1209012	WBCL1209013	WBCL1209013	WBCL1209015
Capacity (BTU/h) **	4,000	6,000	9,000	12,000	18,000	24,000	36,000
Capacity (kW) **	1.2	1.9	2.8	3.6	5.6	7.2	10.7
Air flow (m³/h) *	230	380	420	560	750	1120	1550
Air flow (cfm) *	135	224	247	330	441	659	912
Ø Blower connection (mm)	100 (round)	125 (round)	125 (round)	150 (oval)	150 (oval)	2 x 150 (oval)	2 x 150 (oval)
Ø Blower connection (inch)	4 (round)	5 (round)	5 (round)	6 (oval)	6 (oval)	2 x 6 (oval)	2 x 6 (oval)
Weight (kg)	6	7	9	10	12	16	21
Weight (lbs)	13.2	15.4	18.7	22	26.5	35.3	46.3
Voltage / Frequency	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz
Current draw running (A)	0.6	0.5	0.6	0.7	1	1.3	2.1
Ø Chilled water connection	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Dimensions H x W x L (mm)	287 x 249 x 381	287 x 280 x 411	312 x 291 x 456	312 x 279 x 491	362 x 281 x 581	362 x 301 x 636	487 x 302 x 701
Dimensions H x W x L (inch)	11.3 x 9.8 x 15	11.3 x 11 x 16.2	12.3 x 11.5 x 18	12.3 x 11 x 19.3	14.3 x 11.1 x 22.9	14.3 x 11.9 x 25	19.2 x 11.9 x 27.6
Dimensions with valve H x W x L (mm)	287 x 249 x 381	287 x 280 x 411	312 x 291 x 456	312 x 279 x 491	362 x 281 x 581	362 x 301 x 636	487 x 302 x 701
Dimensions with valve H x W x L (inch)	11.3 x 9.8 x 15	11.3 x 11 x 16.2	12.3 x 11.5 x 18	12.3 x 11 x 19.3	14.3 x 11.1 x 22.9	14.3 x 11.9 x 25	19.2 x 11.9 x 27.6
Minimum chilled water flow (l/h)	228	406	626	568	793	1,257	1,883
Number of blowers	1	1	1	1	1	2	2
Max. ambient temperature °F (°C)	122 (50)	122 (50)	122 (50)	122 (50)	122 (50)	122 (50)	122 (50)
Pressure loss chilled water (bar)	0.07	0.12	0.15	0.14	0.16	0.13	0.34
Number of condensate drains	2	2	2	2	2	2	2
Ø Condensate drain (mm)	16	16	16	16	16	16	16

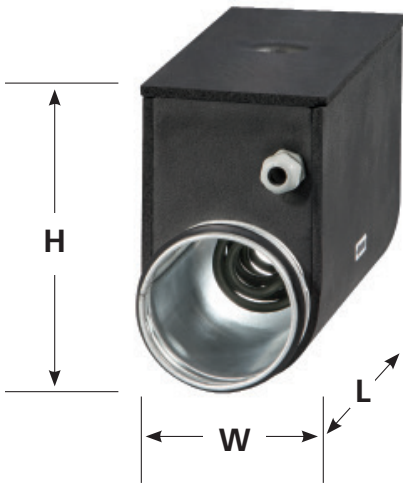
\* With 2 m of air duct, one 90° bend, air outlet grille at 230 V, 50 Hz \*\* Intake air of 32 °C/47 % rh, water inlet temperature of 5 °C and at 230 V, 50 Hz



# Electric Heat Module

## Product Overview

**NEW**



- Electric heat modules ensure cabin heating independent of chiller operation
- Heat Modules are easily installed in-line into air duct of the A-Series air handlers
- EHM is directly connected to A-Series electronics so no separate controls are needed
- EHM further increases the comfort on board by:
  - Enabling heating in selective cabins while chiller is in cooling mode
  - Enables heating while chiller is switched off
  - Increasing the heat output of air handlers if extra high heat demand is needed
- EHM can easily be retrofitted to existing A-Series
- EHM is preinsulated to prevent condensation on the outside. It also comes with 2 stainless steel mounting brackets for wall mounting
- When using EHM a flow control valve also needs to be fitted

Type	EHM600W -100 mm -230 V -50/60 Hz	EHM900W -125 mm -230 V -50/60 Hz	EHM1200W -150 mm -230 V -50/60 Hz	EHM1800W -150 mm -230 V -50/60 Hz
Order numbers	WBCL1209100	WBCL1209101	WBCL1209102	WBCL1209103
Capacity (W)	600	900	1,200	1,800
Dimensions (L x W x H) (mm)	370 x 100 x 170	370 x 125 x 195	370 x 150 x 220	370 x 150 x 220
Dimensions (L x W x H) (inch)	14.6 x 3.9 x 6.7	14.6 x 4.9 x 7.7	14.6 x 5.9 x 8.7	14.6 x 5.9 x 8.7
Ø Hose connection (mm)	100	125	150	150
Ø Hose connection (inch)	4	5	6	6
Voltage/Frequency	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz	230 V/50 – 60 Hz
Current draw running (A)	3	4	5	8
Max. supply air temperature °F (°C)	104 (40)	104 (40)	104 (40)	104 (40)
Cut off temperature safety switch °F (°C)	104 (60)	104 (60)	140 (60)	104 (60)
Pressure loss air (Pa)	60	60	60	60
Min. air flow (m <sup>3</sup> /h) to ensure full heat output	60	80	120	180
Weight (kg)	2.2	2.6	2.8	3

Compatibility	A4 Compact	A6 Compact, Slimline, Low Profile	A9 Compact, Slimline, Low Profile	A12 Compact, Slimline, Low Profile	A18 Compact, Slimline, Low Profile	A24 Compact	A36 Compact
EHM600W	■	□	□	□	□	□	□
EHM900W	-	■	■	-	□	-	□
EHM1200W	-	-	-	■	■	■	■
EHM1800W	-	-	-	-	■	-	■

■ Standard application, check on minimum airflow in technical data. □ Only for secondary ducts with smaller diameter, check on minimum airflow in technical data.

**NEW**

# Flow Control Valve

Kit for Compact, Slimline and Low Profile

Type	Kit Valve Slimline / Low profile A-Series with 90° elbow	Kit Valve Compact A-Series
Order numbers	WBCL151004	WBCL151003



*Flow control valve  
for Slimline and Low Profile*



*Flow control valve  
for Compact*

## Features:

- The flow control valve acts as a 3/2-way valve allowing the chilled water to bypass the heat exchanger of the A-Series when needed
- Easy screw connection to all A-Series units, no soldering needed
- Easy electrical connection to A-Series electronics
- 90° elbows in the Slimline/Low profile kit enable an extra flat installation
- The flow control further increases the comfort on board by:
  - Directing the chilled water only to those cabins with cooling/heating demand
  - Prevent inadvertent heating when air handler is switched off – no chimney effect
  - Prevents condensate build-up and thus mold on heat exchangers of air handlers which are switched off
  - Continuous blower operation is possible thus reducing noise variations in cabins
- Super silent with flexible vibration isolation mounts & larger ducts to reduce noise from air speed
- Oversized heat exchanger tested under tropical conditions

# MyTouch Display

## Product Overview

**NEW**



BlueCool MyTouch

Now compatible with the new MyTouch display



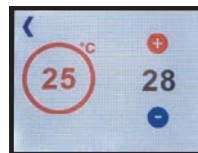
3 different software designs and Webasto cover plate

The BlueCool MyTouch display is the standard display for all BlueCool A/C Series and is part of a complete electronic control system including the A/C controller card and connecting cables/sensors.

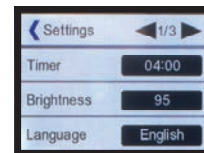
### Technical Data

Display type	TFT LCD
Display size (mm)	2,4 inch diagonal, 37 mm(H) × 49 mm(B)
Number of pixels	320 x 240
Color	RGB 65.536 Color
Operating temperature (°C)	-20° – +60°
Contrast Ratio	500
Module Luminance (cd/m <sup>2</sup> )	200
Response time (ms)	25 ms
Viewing Angle (°)	60°
Cover plate compatibility	Vimar Eikon, Vimar Eikon EVO, Vimar Plana, Btcino Axolute, Webasto
Depth in total (mm)	28
Mounting depth (mm)	19 + 10 (display cable)
Heights display (mm)	73
Width display (mm)	107
Heights cut out (mm)	49
Width cut out (mm)	82
Heights between mounting holes (mm)	59
Width between mounting holes (mm)	93
Heights Webasto cover plate (mm)	79
Width Webasto cover plate (mm)	113

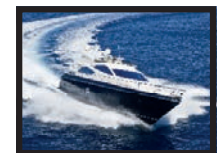
- Full color, high resolution, interactive touch display
- Individual customizable Multi Design Touch Display with 3 different user designs
- Intuitive icons and menus
- 3 different menu levels
- Complete parameter access for technician with clear text message



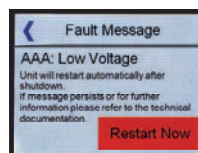
Easy temperature selection with actual cabin temperature (left) and adjustable target temperature (right)



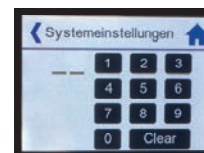
Easy navigation through display settings menu with clear text in 10 languages



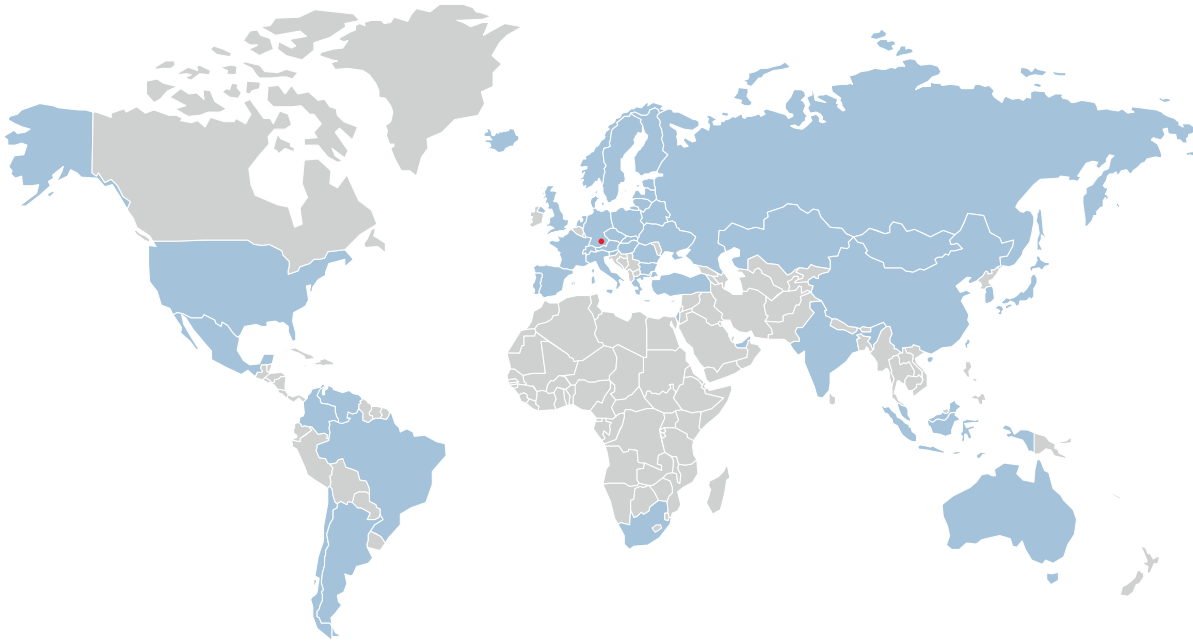
Individual picture can be uploaded to be used as Stand-by screen



Failure codes show up in clear text



System settings menu is code protected to prevent unwanted changes



For more than 75 years, the Webasto SE has continued to set new technological standards – in both the original equipment sector and the aftermarket. As one of the 100 biggest suppliers in the automotive industry worldwide, Webasto develops and produces roof, convertible as well as heating, cooling and ventilation systems. Webasto products help provide a better atmosphere on the road, more comfort and security, as well as increased efficiency for cars, commercial and special vehicles, motor homes and boats. An outstanding network of production facilities and dealers guarantees high-quality products, installation standards and services worldwide.