

# Compact Cooler 4 E / 5 / 5 Lite / 8

## Best Comfort Through Compact Roof Top Air-Conditioners

### The Optimal Climate Addition

The product family of the Compact Cooler are space-saving aftermarket roof top air-conditioners designed for cabin cooling.

Due to the robust design – based on a metal base frame – and the application of the newest technology, the air-conditioners fulfill current EU guidelines and quality requirements of the vehicle suppliers. Hereby the Webasto Compact Cooler offer a clear competitive advantage, that provides a product of longer life-expectancy and reliability as well as reduced service and maintenance time.

### The Technology

The Compact Cooler 5, 5 Lite, and 8 are integrated into the vehicle's primary cooling circuit, since they do not include their own compressors. In contrast, the Compact Cooler 4 E is an independently operated solution with integrated electro engine, which drives the unit's compressor with a v-belt. Solely the connection to the vehicle's battery is necessary for operation. The especially compact design of the Compact Cooler 5 Lite was realized by omitting the condenser and the compressor.

The Compact Cooler from Webasto thereby offers standardized solutions, that simultaneously can be individually developed for customers' needs and requirements.

### Product Innovation



Compact Cooler 5 Lite

### Product Benefits:

- High cooling performance with extremely compact design
- Easy mounting
- Robust metal base frame
- Reduction of weight due to the complete aluminium cooling circuit
- Low-maintenance and service
- World-wide service network



Model	Van	Truck	Bus	Rail	Construction & Agricultural Machinery	Special Vehicles	Defense
Compact Cooler 4 E			■		■		
Compact Cooler 5 Lite	■				■	■	
Compact Cooler 5	■	■			■	■	
Compact Cooler 8	■		■		■	■	

### Technical Specifications:

Air-Conditioners	Compact Cooler 4 E (electric)	Compact Cooler 5 Lite	Compact Cooler 5	Compact Cooler 8
EC type approval label	e1*72/245*2006/96*1443*06			
Cooling performance (kW)	3.5	5.0	5.0	8.5
Heating performance (kW) Q80 (Compact Cooler 8 with heating component)	-	-	-	7.5
Refrigerant	R134a CFC-free (pre-filled)	R134a	R134a	R134a
Nominal voltage (V)	24	12 / 24	12 / 24	12 / 24
Max. total power consumption (A)	68	13	30	30
Max. operation temperature range (°C)	+45			
Max. flow rate evaporator blower (m <sup>3</sup> /h)	550 (with air-distributor plate)	400 (with air-distributor plate)	630 (with air-distributor plate)	1,300 (free blowing)
Measurements L x W x H (mm)	1,110 x 774 x 215	500 x 760 x 165	750 x 760 x 165	1,025 x 970 x 197
Weight (kg)	55.0	17.0	26.5	40

#### Compact Cooler 4 E

- Completely independently operated with a system pre-filled with refrigerant (No connection of refrigerant tubing required)
- Compressor-driven through a 24 V electro motor
- Available with optional electronic room thermostat



Compact Cooler 4 E

#### Compact Cooler 5 Lite

- Specially designed for the air-conditioning of small rooms / cabins (i. e. the stretcher area of ambulances)
- Low power consumption
- Light-weight
- Specially tested according to DIN EN 1789 for ambulance vehicles



Compact Cooler 5 Lite

#### Compact Cooler 5 / 8

- High cooling performance with compact design
- Available with optional electronic room thermostat
- Wide range of compressors and additional mounting accessories
- Compact Cooler 8 available with fresh air and heating option
- Compact Cooler 8 available with optional air channel system



Compact Cooler 5      Compact Cooler 8