

STANDARD HEATERS

LOW-NOISE, FIELD-PROVEN DURABILITY,
EASY SERVICABILITY



Standard Heaters *Calea*

Universally, *Calea* can be utilized for heating in all varieties of commercial vehicles. Available in both 12 and 24 voltages, its compact and lightweight design is perfect for any operator cabin. Aluminum flat tube heat exchanger technology increases performances while accommodating weight sensitive applications.

Specifications

Plastic Polyamide PA6 glass reinforced housing
Fan unit with DC motor in 12V
Flat tube heat exchanger with Ø16 mm connection
Versions available with sockets or nozzles at air outlet area.

Technical Information

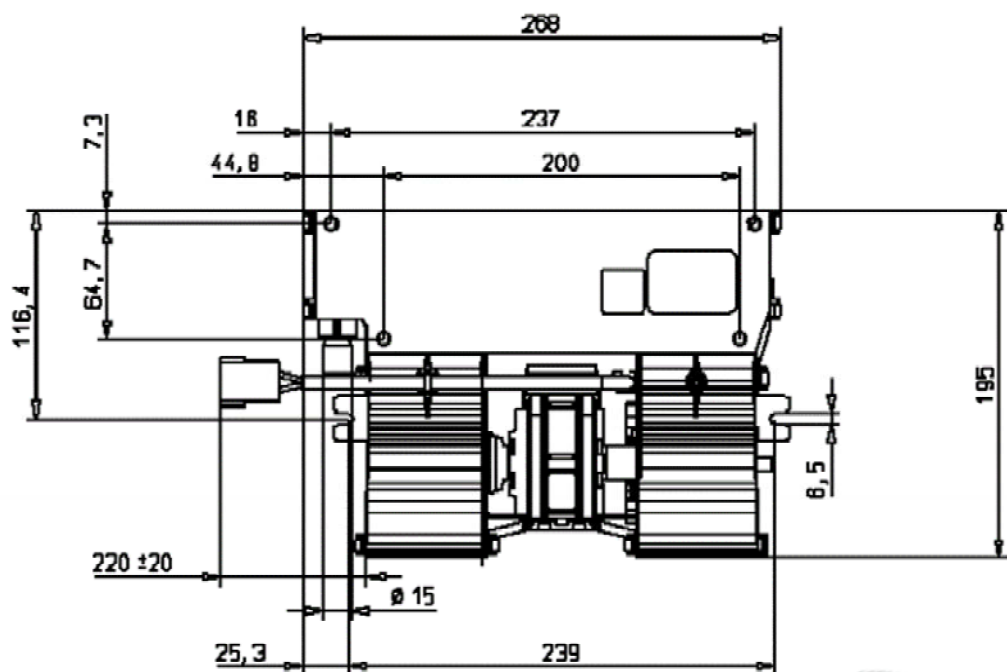
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Variations

Part Number	Description
151-751-0201	Calea 12V
151-752-0201	Calea 24V

Performance			
Blower Speed	1	2	3
Heat Power	4.4 kW	5.1 kW	5.7 kW
Vol. Air Flow	176 m³/h	215 m³/h	252 m³/h
Power Consumption	52 W	67 W	83 W
Weight	1.95 kg (4.3 lbs.)		
Nom. Voltage	12 and 24		





Standard Heaters *Trolly* Defroster

The AURORA *Trolly* heater is ideal in service as a mid-tier heater unit. For small- & mid-sized vehicles, this defroster boasts a harmony of performance & versatility. *Trolly* is most commonly implemented for window defrosting / defogging, although this Unit too can be utilized supplementary in the heating of cabin environments.

Specifications

Steel Plate Housing
Aluminum Flat Tube Heat Exchanger
Twin Radial Blower DRG 370
Ø16mm connection on both sides
Ø55mm Hose Connection Ports

Technical Information

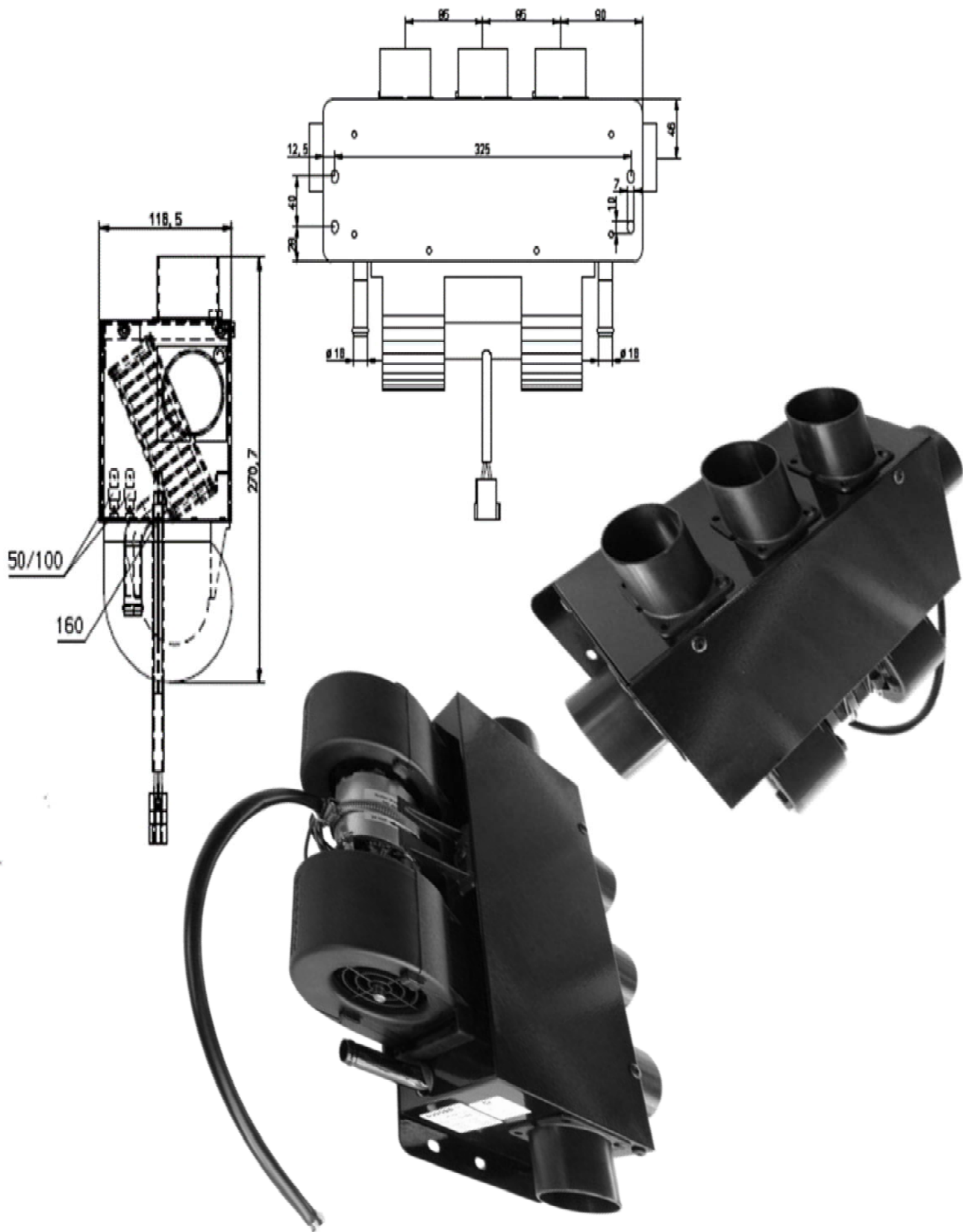
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Variations

Part Number	Description
151-702-0200	24 Volt 2-Speed
151-701-0223	12 Volt 2-Speed

Performance		
Blower Speed	1	2
	4.6 kW	5.9 kW
	200 m³/h	273 m³/h
	4 kg (8.82 lbs.)	





Standard Heaters *EHU-K-11500*

Aurora’s *EHU-K* Heater can be utilized as a built-in model for the heating and ventilation of buses. Operational with either external or recirculating air, *EHU* ‘s recirculated air option is especially advantageous for dehumidifying the inside air during cooling. *EHU-K* also uses aluminum flat-tube heat exchanger technology to boost performance and reduce weight

Specifications

Housing: plastic PA6
Twin Radial Blower DRG 730
Powerful electric motor with long life cycle

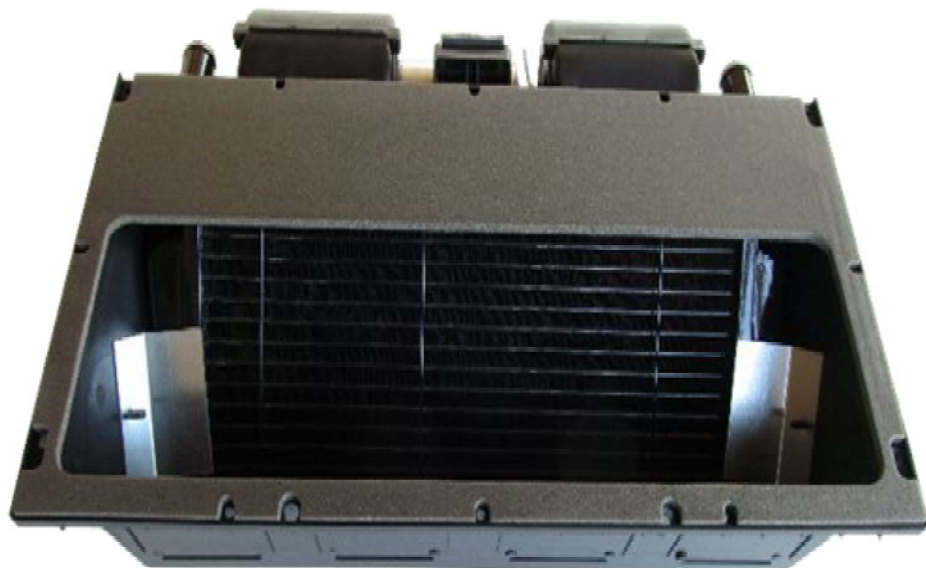
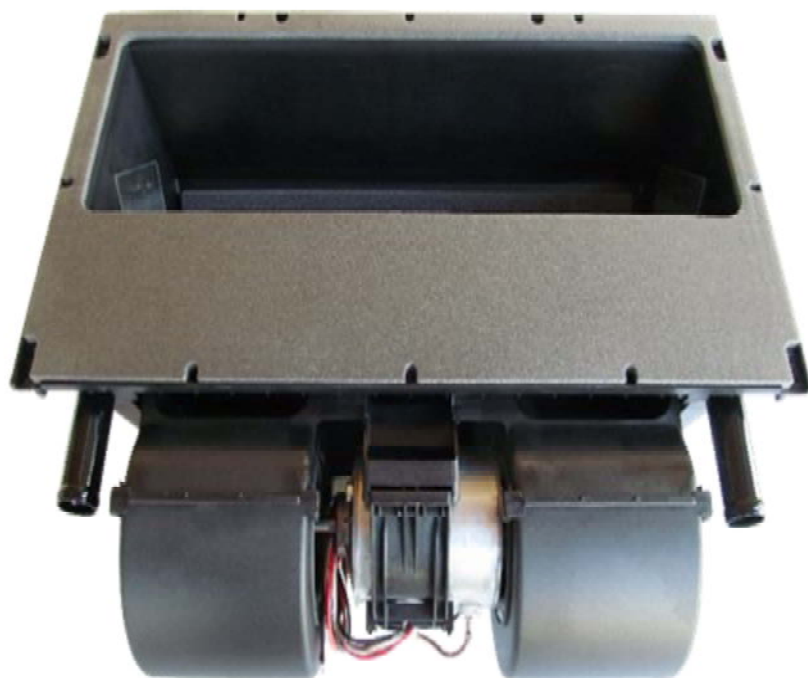
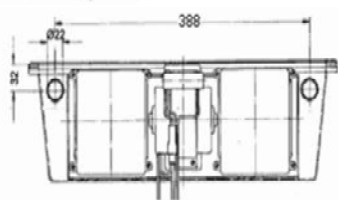
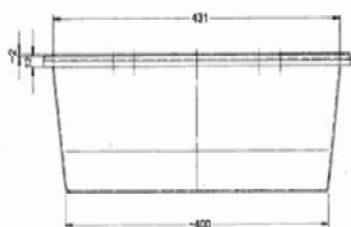
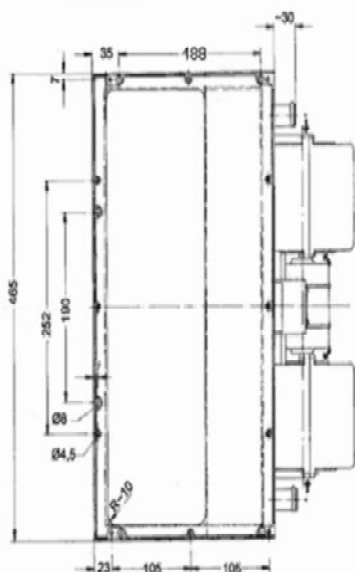
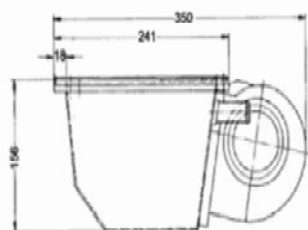
Technical Information

152-562-0242

Variations	
Part Number	Description
151-562-0000	11500 24V 3-Speed
151-562-0010	11500 24V 3-Speed

EHU 11.500	
Heat Power	17 kW
Vol. Air Flow	884 m³/h
Weight	5.5 kg (11.25 lbs.)





Standard Heaters *Mini* H410

The Aurora *Mini* heater is perfectly designed to outfit cabins of nearly all applications. The 221mm by 124mm *Mini* is ideal for providing efficient heat to passengers and operators in areas where installation space is scarce. The *Mini* is also suited for a number of heating functions. Regardless whether installed under the seat, mounted to a side wall, driver's space, door entries, sleeping cabins, on-board kitchens, or simply used as a defroster, *Mini* is the Unit for the job at hand.

Specifications

Air Flow: 114 m³/h
Heating Power: 2.1 kW
Power Consumption: Pel = 29 W
Noise Emission: 64 dB(A)

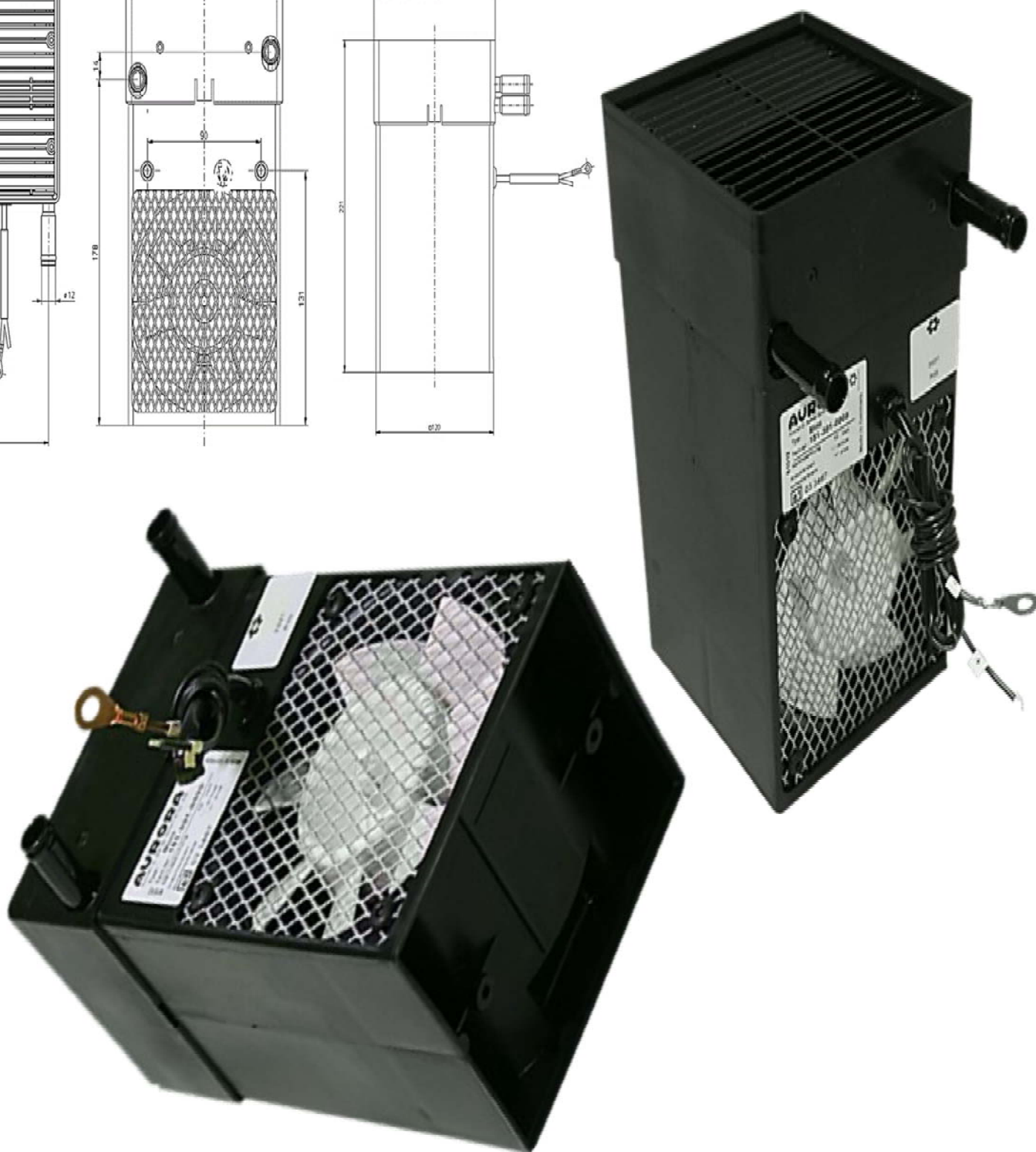
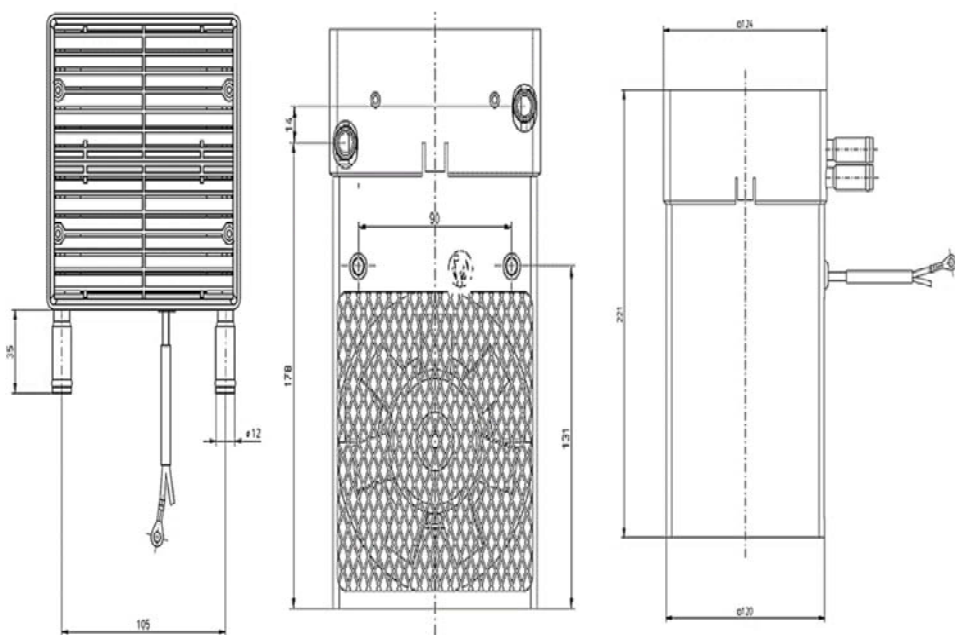
Technical Information

912-100-0958

Variations

Part Number	Description
151-301-0200	Mini H410 12V
151-302-0200	Mini H410 24V
151-302-0242	Mini H410 24V





Standard Heaters *Oscar* 7000 + 8000

AURORA’s *Oscar* heater is the ultimate solution for side wall heating in buses and cabs. The 8000 is AURORA’s most powerful unit in the *Oscar* family. It was developed for usage in operator spaces and for mounting on the side walls of passenger cabins. This 8000 sports dual aluminum flat tube hear exchangers and a twin radial blower for maximum efficiency. For Bus and Passenger Transit heating, we recommend using 3 - 4 units in a full sized bus depending on the surrounding climate. Depending on the operating environment, air filtration is also a possible addition with the *Oscar* series.

Specifications

Polyamide PA6 glass fiber reinforced housing
Dual Aluminum Flat-tube Heat Exchangers
Twin Radial Blower

Technical Information

912-100-0959

Variations

Part Number	Description
151-681-0201	Oscar 8000 12V 2-speed w/ hood
151-682-0201	Oscar 8000 24V 2-speed w/ hood
151-682-0216	Oscar 7000 24V 2-speed without hood
151-682-0219	Oscar 7000 24V 2-speed without hood

Performance		
Blower Speed	1	2
	4.6 kW	7.2 kW
	185 m³/h	350 m³/h
	3.8 Kg (8.4 lbs.)	



Standard Heaters *KKH* Heater Traditional

Aurora’s KKH Heater is an ideal and powerful solution for small cabins. Its universal nature allows the KKH to maintain a 3.6 kW output in various applications and installation options as either a main or supplementary unit. The unit comes in 12 and 24 volt options, as well as different louver and grill packages suitable to for installations in any of the following locations: under seats, instrument dashboard, side wall, operator / driver space, door entries, sleeping cabins, on-board kitchens, or as a defroster unit. Connections on both sides come standard at 15mm in diameter.

Specifications

Housing: Glass-fiber reinforced polyamide PA6, black
Aluminum Flat-tube heat exchanger system
Powerful electric long-life motor. Blower speeds defined by series resistors with ceramic heat sink and micro-temperature fuses.

Technical Information

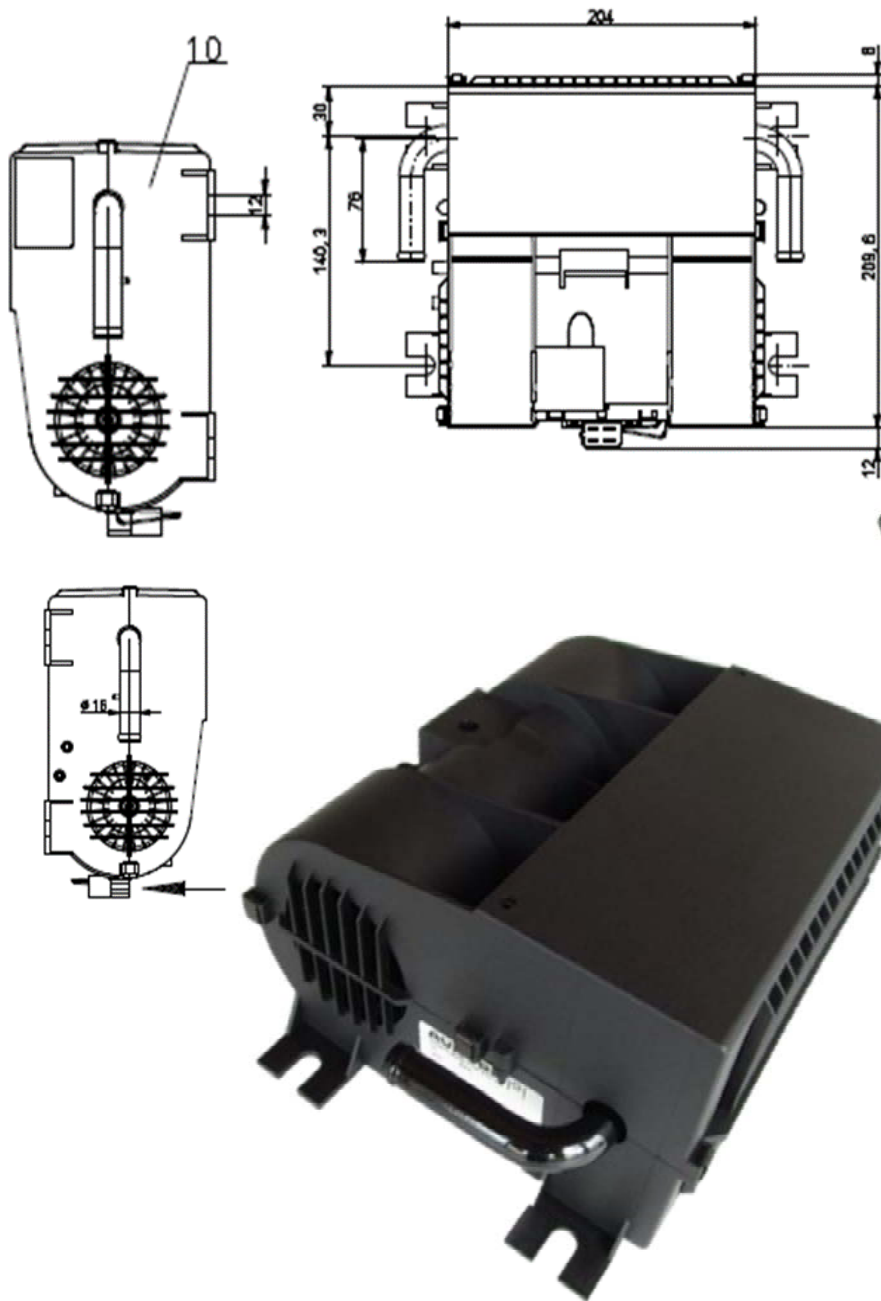
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Variations

Part Number	Description
151-801-0203	12V 3-speed w/ output grill
151-802-0203	24V 3-speed w/ output grill
151-801-0237	12V 3-speed
151-801-0240	12V 3-speed

Performance			
Blower Speed	1	2	3
Heat Power	1.9 kW	2.7 kW	3.8 kW
Vol. Air Flow	62 m³/h	103 m³/h	163 m³/h
Power Consumption	16 W	26 W	45 W
Weight	1.55 kg (3.4 lbs.)		



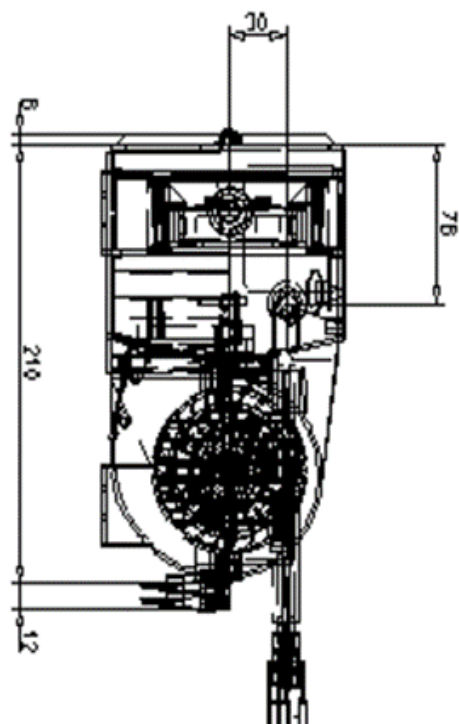
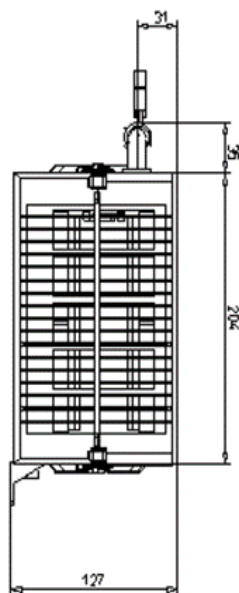
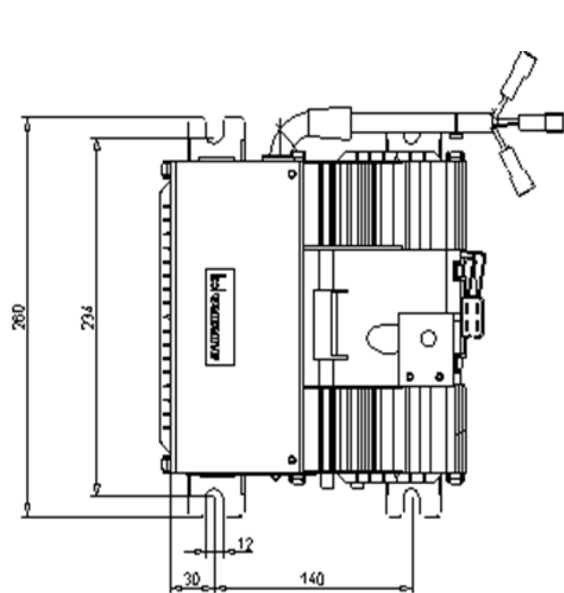


Standard Heaters *KKH* Heater All-Electric

Aurora’s KKH Heater features PTC technology making this an all-electric heater, which is an ideal and powerful solution for small cabins. Its universal nature allows the KKH the versatility necessary for various applications and installation options as either a main or supplementary unit. The unit comes in 12 and 24-volt options, as well as different louver and grill packages suitable to for installations in any of the following locations: under seats, instrument dashboard, side wall, operator / driver space, door entries, sleeping cabins, on-board kitchens, or as a defroster unit.

Specifications									
Housing: Glass-fiber reinforced polyamide PA6, black Aluminum Flat-tube heat exchanger system Powerful electric long-life motor. Blower speeds defined by series resistors with ceramic heat sink and micro-temperature fuses.									
Variations									
Part Number / Technical Information				Description					
153-801-0005 / 912-100-0835				12V Blower; <120V PTC; 1100W					
153-801-0001/ 912-100-0304				12V Blower; 80 V PTC; 1100W					
153-802-0001/ 912-100-0304				24V Blower; 80 V PTC; 1100W					
153-802-0003/ 912-100-0374				24V Blower; 24 V PTC; 870W					
153-802-0002/ 912-100-0374				24V Blower; 24V PTC; 750W					
Performance									
Blower Speed Level		12 V Model	1	2	3	24 V Model (PTC Radiator 80 V)	1	2	3
Nominal Heat Power (kW)	W		480	540	580		720	900	1100
	BTU / hr.		1639	1844	1981		2459	3074	3757





Standard Heaters *Teddy 2000*

The heater Teddy can be delivered in several different versions to meet various requirements. While functionally, the units have less variance. The differences lie in the individual components and connections. The built-in model has no air outlet grille and no air intake grilles on the side. This recirculating model has an air outlet grille and a side section with integrated air intake grille. The air direction can be changed by adjusting the air outlet grille by 90°. These are specifically designed for the under the seat mounting in buses, coaches, or cabins.

Specifications

Housing: PA-6 35% glass fibre reinforcement
Blower: DC with two radial wheel, resistor,MTS
Aluminum Flat-Tube Heat Exchanger: max pressure 2-bar

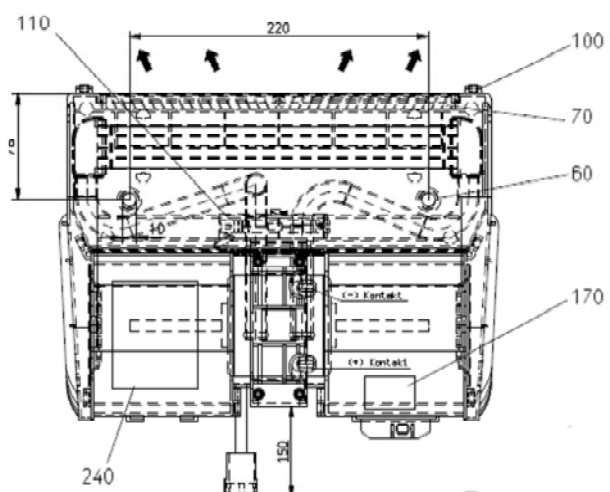
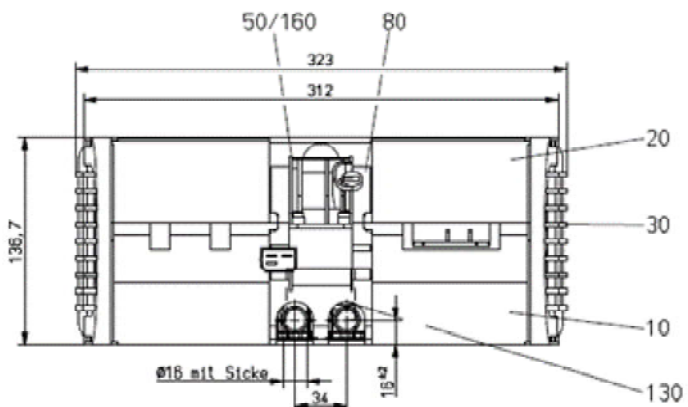
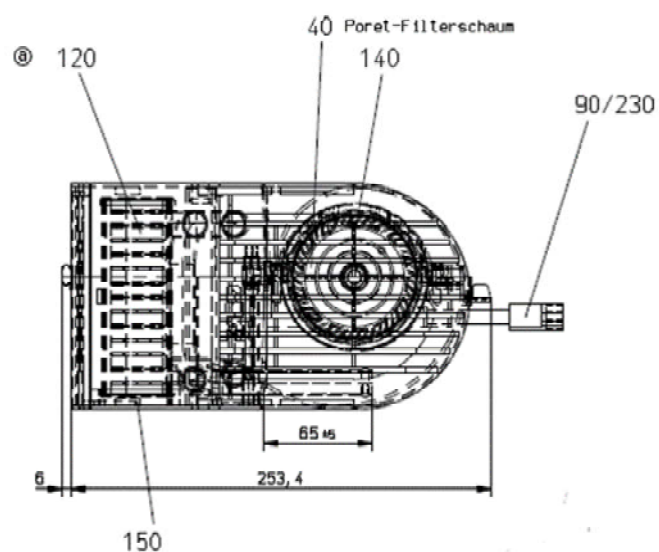
Technical Information

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Variations	
Part Number	Description
151-551-0222	Defroster 12V 2-speed
151-552-0222	Defroster 24V 2-speed
151-551-0242	12 V 3-speed
151-552-0224	24 V 2-speed
151-552-0251	24 V 2-speed

Performance
Airflow: 332 m³/h
Heat Power: 7.7 kW
Weight: 2.9 kg. (6.4 lbs.)





Standard Heaters *Junior*

AURORA’s Junior Heater differentiates itself as its own class of ‘black box’. Constructed durable for universal usage in small cabs, and regardless whether used as a main or auxiliary heater, the *Junior* is extremely versatile considering potential applications. With a various number of installation and application features due to *Junior’s* flexible construction, *Junior* can be utilized for heating Underfloor, Side wall, Entrance, Sleeping Cabin, Board kitchen, or even as a defroster.

Specifications

Housing: Polyamide PA6; glass-fiber-reinforced; black
Aluminum Heat exchanger: Flat-tube system
Blower: 1-, 2-, or 3-speed
Overload Protection via micro-temperature-fuse
Various output adaptors and sizes available.

Technical Information

912-100-0988

Variations			
Part Number	Description		
151-811-0203	12V 3-speed w/ output grill		
151-812-0203	24V 3-speed w/ output grill		
151-811-0216	12 V 3-speed		
151-812-0214	24 V 3-speed		
Blower Speed	1	2	3
Heat Power	1.6 kW	2.1 kW	2.8 kW
Vol. Air Flow	41 m³/h	58 m³/h	94 m³/h
Weight	1.6 Kg (3.5 lbs)		



