

BERGSTROM

ALL CLIMATE CONTROL SYSTEMS REFERENCE GUIDE

Including:

NITE® Systems

Bus Cool Zone Systems

Bergstrom Aftermarket Systems

Bergstrom Electrified Systems

Bergstrom Solar Energy Systems



WE CAN FIT A/C INTO...



ANYTHING.

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NOTES:

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Suggested Vehicle Applications Legend



Agriculture Vehicles



Ambulances



Box Trucks



Construction Vehicles



Fire Trucks



Garbage Trucks



Heavy-Duty Vehicles



Logging Vehicles



Mining Vehicles



Off-Shore Drilling



Semi Truck (Class 8)



Street Sweepers



SUV Vehicles



Airport Vehicles (Ground Support)



Armored Vehicles



Cargo Handling Vehicles (Container and Port Vehicles)



Delivery Trucks/Vans



Foundry



Golf Carts



Hi-Lo (Forklifts)



Military Vehicles



Off-Road Vehicles



School Buses



Shuttle Buses




























Swat Vehicles




























UTV (Electrical Vehicles)

Aftermarket Systems Matrix

The legend is a quick guide to help select a system for your vehicle. Understanding no two applications are alike, Bergstrom strongly recommends contacting a regional sales manager for further discussions before placing an order. A system in our reference guide and not identified as a suggested application may be the optimal solution.

System	Power																										
No-Idle Systems																											
Nite® Phoenix	12V: 7,500 BTU/hr (2,2 kW)									X											X						
Nite® SSI	12V: 7,500 BTU/hr (2,2 kW)									X												X					
eCoolPark 1.0	12V: 6,980 BTU/hr (2 kW)		X	X	X	X				X																	
eCoolPark 1.5	12V: 6,980 BTU/hr (2 kW)		X	X	X	X				X																	
Battery-Operated Systems																											
Compact 3.0	24V: 10,236 BTU/hr (3,0 kW)												X		X												X
Integral Power Manual	12V: 5,635 BTU/hr (1,65 kW) 24V: 9,4269 BTU/hr (2,76 kW)	X							X					X	X			X	X								
Rooftop																											
HD-1000 AC	12V /24V: 25,932 BTU/hr (7,6 kW)	X	X			X		X			X			X		X		X	X								
HD-1000 HVAC	Cold 12V / 24V: 25,932 BTU/hr (7,6 kW) Hot 12V / 24V: 34,120 BTU/hr (10,0 kW)	X	X			X		X			X			X		X		X	X								
KA-300	12V / 24V:18,900 BTU/hr (5,5 kW)	X					X	X	X		X	X		X			X										
Headliner																											
KA-400 SlimLine	12V /24V: 21,838 BTU/hr (6,4 kW)	X					X	X						X	X									X	X	X	
KK-400 SlimLine	Cold 12V / 24V: 21,838 BTU/hr (6,4 kW) Hot 12V / 24V: 25,933 BTU/hr (7,6 kW)	X					X	X						X	X									X	X	X	
KA-500 HardHat	12V / 24V: 29,345 BTU/hr (8,6 kW)	X				X		X						X				X	X								
KA-7100	12V: 49,500 BTU/hr (14,5 kW)	X		X		X		X										X				X					
KA-7300	12V: 75,408 BTU/hr (22,1 kW)	X		X		X		X										X				X					
Kelvin AC	12V / 24V: 20,810 BTU/hr (6,1 kW)	X	X	X	X		X	X		X	X	X		X	X	X	X	X	X	X				X	X	X	
Kelvin HVAC	Cold 12V / 24V: 20,180 BTU/hr (6,1 kW) Hot 12V / 24V: 32,410 BTU/hr (9,6 kW)	X	X	X	X		X	X		X	X	X		X	X	X	X	X	X	X				X	X	X	
Pascal AC	12V / 24V: 13,650 BTU/hr (4,0 kW)	X		X				X		X				X	X			X						X			
Backwall																											
KA-550	24V: 19,449 BTU/hr (5,7 kW)	X	X			X	X	X						X		X								X			
KK-550	Cold 12V / 24V: 19,449 BTU/hr (9,8 kW) Hot 12V / 24V: 33,500 BTU/hr (9,8 kW)	X	X			X	X	X						X		X								X			
KK-600 BackPack	Cold 12V / 24V: 33,439 BTU/hr (9,8 kW) Hot 12V / 24V: 47,770 BTU/hr (14,0 kW)	X	X		X	X	X	X	X		X			X		X		X		X				X		X	
KA-710 SideKick	12V / 24V: 24,500 BTU/hr (7,2 kW)	X	X		X	X	X	X	X		X			X		X		X		X				X		X	

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System	Power	Agriculture Vehicles	Airport Vehicles	Ambulances	Armored Vehicles	Box Trucks	Cargo Handling Vehicles	Construction Vehicles	Delivery Trucks / Vans	Fire Trucks	Foundry	Garbage Trucks	Golf Carts	Heavy-Duty Vehicles	Hi-Lo Vehicles (Forklifts)	Logging Vehicles	Military Vehicles	Mining Vehicles	Off-Road Vehicles	Off-Shore Drilling	School Bus	Semi Truck (Class 8)	Shuttle Bus	Street Sweepers	Swat Vehicles	UTV (Electrical Vehicles)
Condensers																										
KC-270	12V: 32,000 BTU/hr (9.4 kW)																									
KC-440	12V: 54,935 BTU/hr (16.1 kW)	X	X		X	X		X	X	X	X			X	X		X	X							X	
KC-500	12V / 24V: 30,000 BTU/hr (8.8 kW)	X	X			X	X	X		X	X			X	X	X	X									
KC-750	12V / 24V: 32,075 BTU/hr (9.4 kW)	X	X			X	X	X						X	X				X				X			
KC-900 Super Air Plus	12V: 60,000 BTU/hr (17.6 kW)	X						X		X				X				X								
KC-1000	12V / 24V: 45,000 BTU/hr (13.2 kW)	X						X						X				X	X		X					
Heater Systems																										
KH-100	12V: 10,400 BTU/hr (3.0 kW)							X						X				X					X			
KH-150	12V: 13,000 BTU/hr (3.8 kW)							X						X				X					X			
KH-200	12V / 24V: 18,360 BTU/hr (5.4 kW)							X		X				X				X								
KH-290	12V: 22,348 BTU/hr (6.55 kW)							X						X				X								
KH-295	12V: 43,085 BTU/hr (12.6 kW)							X		X				X				X			X					
KH-300	12V / 24V: 30,027 BTU/hr (8.8 kW)							X		X				X				X			X					
KH-500	12V / 24V: 52,206 BTU/hr (15.3 kW)							X						X				X								
KH-802	12V / 24V: 12,500 BTU/hr (3.7 kW)							X						X				X								
KH-803	12V / 24V: 25,000 BTU/hr (7.3 kW)							X						X				X								
Pascal Heater	12V / 24V: 25,590 BTU/hr (8.0 kW)	X		X				X		X					X								X			
KH-900	12V / 24V: 30,000 BTU/hr (8.8 kW)							X		X				X				X			X					
Bergstrom Electrified Systems (BES)																										
FFR6 HVAC System							X											X								
FVF120 Pressurizer							X											X								
FVV150 Pressurizer							X											X								
FVV60 Pressurizer							X											X								
FVV150 Pressurizer							X											X								
FVW100 Pressurizer							X											X								
MPV5 HVAC System	Cold : 18,000 BTU/hr (5.3 kW) Hot: 34,000 BTU/h (10.0 kW)						X											X								
MPV9 HVAC System	Cold: 30,369 BTU/hr (8.9 kW) Hot: 40,946 BTU/hr (12.0 kW)						X											X								
TBV6 Hydraulic Compressor							X											X								
TCR6 Condenser Package	For use up to 22,000 BTU/hr (6.4 kW)						X											X								
TDR5 HVAC System	Cold 24V: 17,744 BTU/hr (5.2 kW) Hot 24V: 34,122 BTU/hr (10.0 kW)						X											X								
TPR6 AC System	Cold 24V: 20,473 BTU/hr (6.0 kW) Hot 24V: 40,000 BTU/hr (11.7 kW)						X	X	X									X								
TPW5 HVAC System	Cold 24V: 18,000 BTU/hr (5.3 kw) Hot 24V: 40,000 BTU/hr (11.7 kW)						X	X										X								

NOTES:



eProduct Systems

NITE® PHOENIX	8
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When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All eProduct Systems have a 2-year warranty, with option to buy an extended warranty.

Availability of the products shown in this reference guide is subject to change without notice by Bergstrom, Inc. For the most current product information please visit the Kysor distributor website at <https://shop.bergstrominc.com/>.



Features

- Electrified AC unit that runs on 4 auxiliary AGM batteries
- Automatic temperature control
- Digital control
- Durable steel construction
- ARB approved (#08-643-004)
- Unit runs 8-10 hours*
- Evaporator filter gives extended coil life
- Optional diesel heaters are available

Air Distribution and Control Panel



Suggested Applications



**Run time depends on ambient temperature, solar load and truck insulation*

Technical Specifications

Model	NITE Phoenix 12V
Voltage	12V
Capacity	7,500 BTU/hr (2,2 kW)
Amps	25 A/h - 65 Ah
Maximum air flow	280 SCFM (425 m³/hr)
Dimensions (W x H x D)	22in x 17in x 11in (559mm x 432mm x 280mm)
Weight*	60 lb (27,2 kg)
Mounting Position	Under Bunk

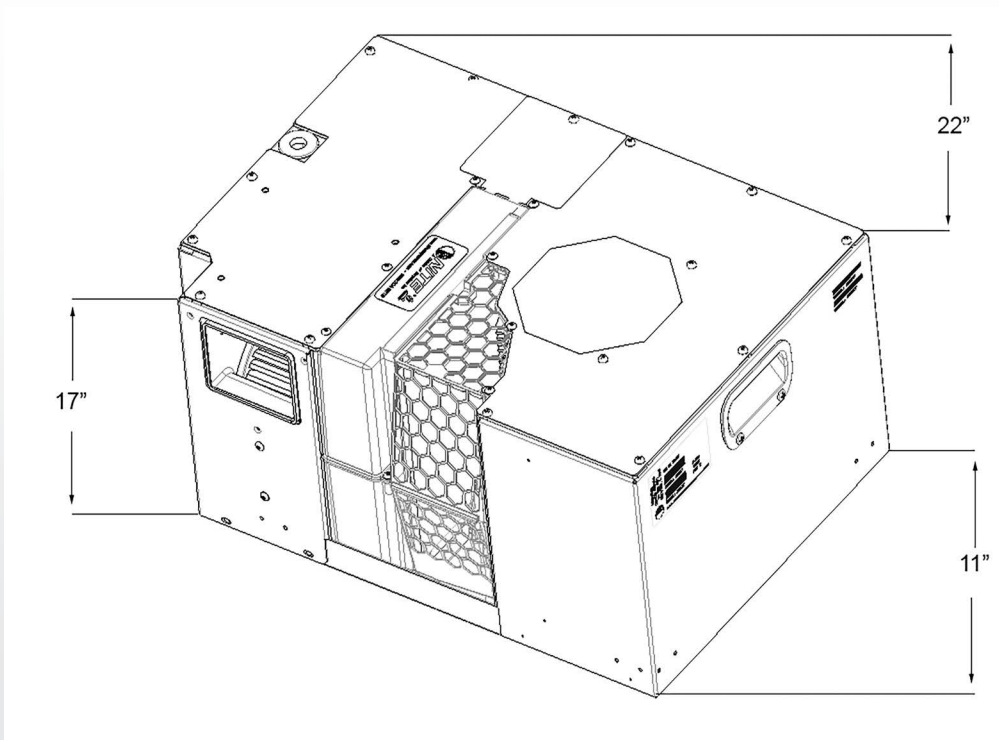
*Overall system weight will vary dependent on installation kit used, batteries and battery box options.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Minimum alternator required: 12V = 185-200 A/h recommended

Minimum battery required: 4 Group 31 AGM 100 A/h deep cycle batteries

Line Drawing



Advantages

- Operator Comfort
- Perfect match for your vehicle
- Best Value
- Virtually maintenance free
- Installs easily under the bunk
- ShoreCapacity & hotel load options available

eProduct Systems



LCD Display

NITE® Phoenix Order Guide

Part*	Catalog / Part Number	Notes
Unit Part Number	3620008 / 1001330451 3620010 / 1001826308 3620009 / 1001330466	AC Only HVAC Sealed System Combo with Espar Heater
Installation Kit	Contact your Regional Sales Manager to help choose the right install kit for your vehicle.	

NITE® Phoenix Service Parts Guide

Part*	Catalog / Part Number	Notes
Evaporator Blower Service Kit Assembly	4475070 / 1001016645	12V
Temperature Sensor Kit	4475028 / 1000234569	12V
Condenser Fan Service Kit	4475037 / 1000236361	12V
Filter (259 x 215 x 127)	4475023 / 1000183201	12V
Relay with Resistor	4499087 / 1000611575	12V

* For the complete NITE service parts lists, please visit us.bergstrominc.com/nite-service-parts/. Reference these parts lists before ordering as they are updated on a continuous basis and are subject to change without notice.



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 2-year limited warranty on parts and systems



Features

- Electrified AC unit that runs on 4 auxiliary AGM batteries
- Automatic temperature control
- Digital control
- Durable steel construction
- ARB approved (#08-643-004)
- Unit runs 8-10 hours*
- Evaporator filter gives extended coil life
- Optional diesel heaters are available

Suggested Applications



**Run time depends on ambient temperature, solar load and truck insulation*

Technical Specifications

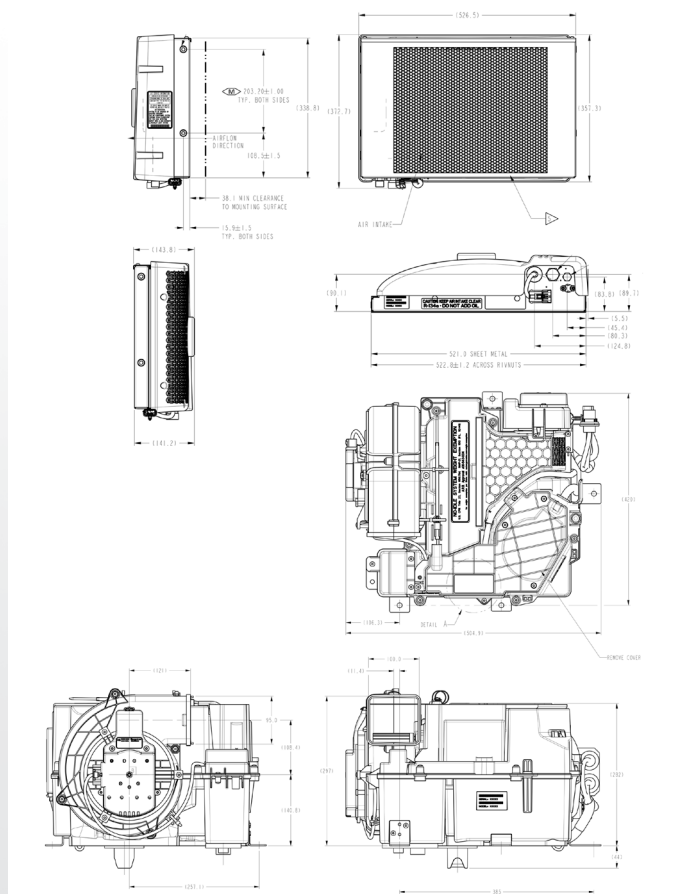
Model	NITE Phoenix 12V
Voltage	12V
Capacity	7,500 BTU/hr (2,2 kW)
Amps	25 A/h - 65 Ah
Maximum air flow	280 SCFM (425 m³/hr)
Dimensions Evaporator (W x H x D)	19.9in x 17.1in x 12.3in (505mm x 434mm x 312mm)
Dimensions Condenser (W x H x D)	20.7in x 5.7in x 14.1in (527mm x 144mm x 357mm)
Weight*	60 lb (27,2 kg)
Evaporator Mounting Position	Under Bunk Inside Cab
Condenser Mounting Position	Back Wall Outside of Cab

*Overall system weight will vary dependent on installation kit used, batteries and battery box options.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Minimum alternator required: 12V = 185-200 A/h recommended
Minimum battery required: 4 Group 31 AGM 100 A/h deep cycle batteries

Line Drawing



Advantages

- Operator Comfort
- Perfect match for your vehicle
- Best Value
- Virtually maintenance free
- Installs easily under the bunk
- ShoreCapacity & hotel load options available

eProduct Systems



LCD Display

NITE® Phoenix SSI Order Guide

Part*	Catalog / Part Number	Notes
Unit Part Number	3630002 / 1001447917 3630004 / 1001443378	AC Only Combo with Espar Heater
Installation Kit	Contact your Regional Sales Manager to help choose the right install kit for your vehicle.	

NITE® Phoenix SSI Service Parts Guide

Part*	Catalog / Part Number	Notes
Evaporator Blower Service Kit Assembly	4475070 / 1001016645	12V
Temperature Sensor Kit	4475028 / 1000234569	12V
Condenser Fan Service Kit	4475037 / 1000236361	12V
Filter (259 x 215 x 127)	4475023 / 1000183201	12V
Relay with Resistor	4499087 / 1000611575	12V

* For the complete NITE service parts lists, please visit us.bergstrominc.com/nite-service-parts/. Reference these parts lists before ordering as they are updated on a continuous basis and are subject to change without notice.



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Warranty

- 2-year limited warranty on parts and systems



Features

- Reduce fuel consumption
- Lowers engine maintenance costs
- Improved occupant safety
- Provides operator comfort
- Complies with all federal, state and local idle and noise restrictions
- Supports environmental sustainability efforts through reduction of vehicle emissions
- Designed, engineered and manufactured in the U.S.
- Compressor, fan, condenser and electronics in one compact package

Suggested Applications



**Run time depends on ambient temperature, solar load and truck insulation*

Technical Specifications

Model	eCoolPark 1.0 12V
Voltage	12V
Capacity	6,980 BTU/hr (2 kW)
Amps	12.7 A/h
Maximum air flow	280 SCFM (425 m ³ /hr)
Dimensions (W x H x D)	11.46in x 15.88in x 7.38in (291mm x 403mm x 188mm)
Weight*	42 lb (19,1 kg)
Mounting Position	Inside Vehicle

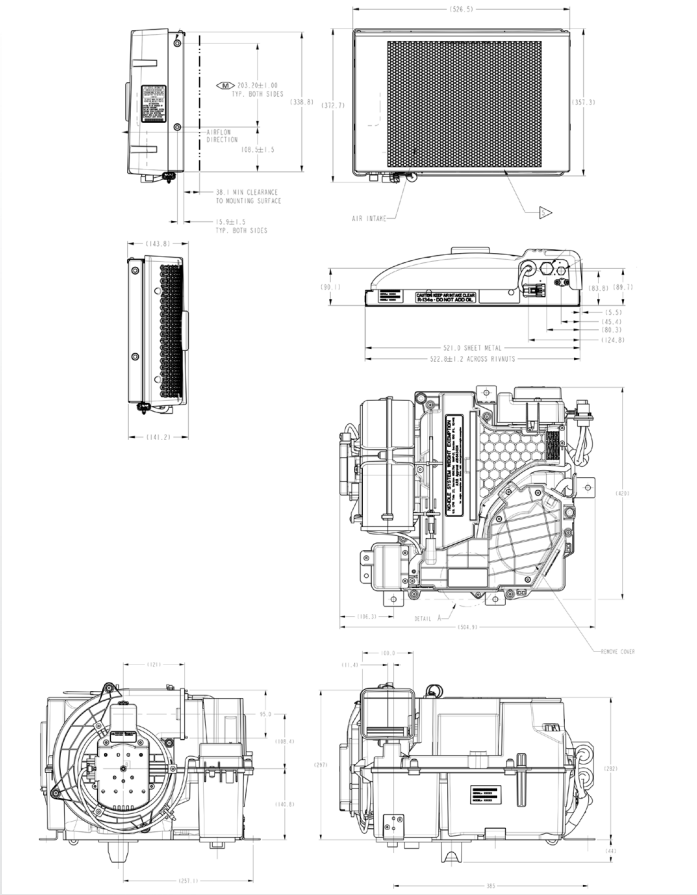
*Overall system weight will vary dependent on installation kit used, batteries and battery box options.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Minimum alternator required: 12V = 185-200 A/h recommended

Minimum battery required: 4 Group 31 AGM 100 A/h deep cycle batteries

Line Drawing



eProduct Systems

eCoolPark™ 1.0 Order Guide

Part*	Catalog / Part Number	Notes
Unit Part Number	4800000 / 1002416180	AC Only
Installation Kit	Contact your Regional Sales Manager to help choose the right install kit for your vehicle.	



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Warranty

- 2-year limited warranty on parts and systems



Features

- Reduce fuel consumption
- Lowers engine maintenance costs
- Improved occupant safety
- Provides operator comfort
- Complies with all federal, state and local idle and noise restrictions
- Supports environmental sustainability efforts through reduction of vehicle emissions
- Designed, engineered and manufactured in the U.S.
- Compressor, fan, condenser and electronics in one compact package

Suggested Applications



**Run time depends on ambient temperature, solar load and truck insulation*

Technical Specifications

Model	eCoolPark 1.5 12V
Voltage	12V
Capacity	6,980 BTU/hr (2 kW)
Amps	12.7 A/h
Maximum air flow	280 SCFM (425 m ³ /hr)
Dimensions (W x H x D)	21in x 14in x 12.5in (534mm x 357mm x 318mm)
Weight*	54 lb (24,5 kg)
Mounting Position	Outside Wall

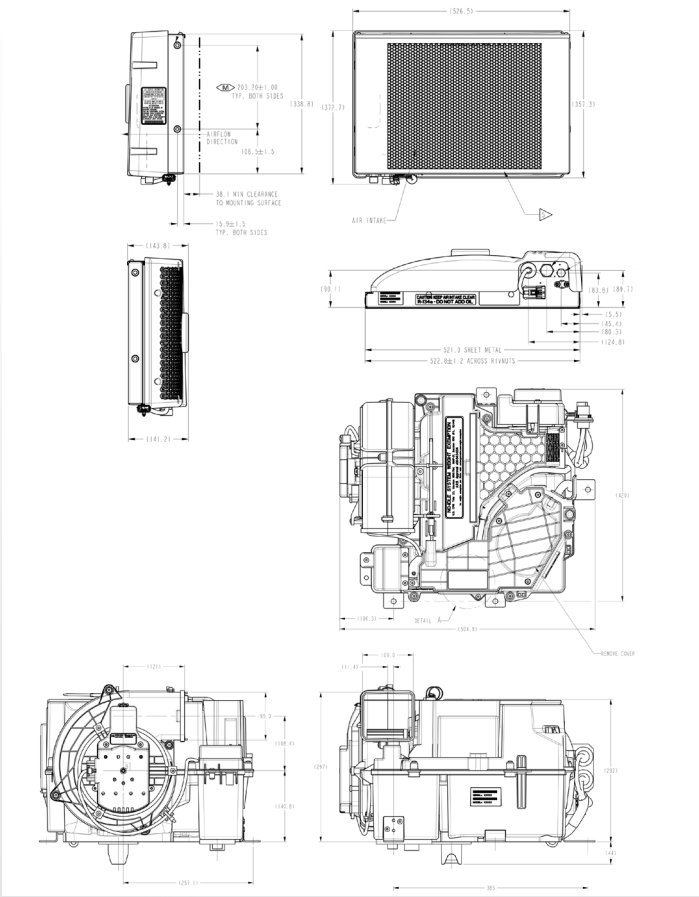
*Overall system weight will vary dependent on installation kit used, batteries and battery box options.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Minimum alternator required: 12V = 185-200 A/h recommended

Minimum battery required: 4 Group 31 AGM 100 A/h deep cycle batteries

Line Drawing



eProduct Systems

eCoolPark™ 1.5 Order Guide

Part*	Catalog / Part Number	Notes
Unit Part Number	4800001 / 1002416174	AC Only
Installation Kit	Contact your Regional Sales Manager to help choose the right install kit for your vehicle.	



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Warranty

- 2-year limited warranty on parts and systems



Aluminum or steel we've got you covered. The perfect storage for your NITE auxiliary batteries

Aluminum 4 Battery Between Rail Battery Box

30 1/2" w x 12" h x 28" l / 775mm x 305mm x 711mm

50 lb (22.7 kg)

Part Number 1000270409

Catalog Number 3699033



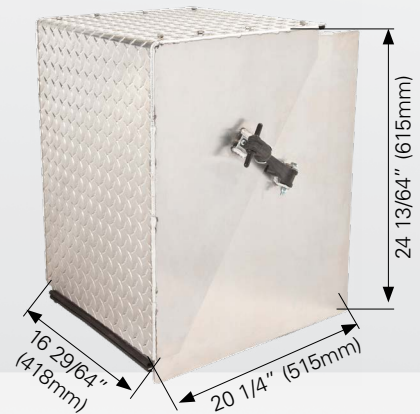
Aluminum 4 Battery Vertical Clamp On Battery Box

16 29/64" w x 24 13/64" h x 20 1/4" d / 418mm x 615mm x 515mm

48 lb (21.8 kg)

Part Number 1000163931

Catalog Number 3699025



Aluminum Half Pack Battery Between Rail Battery Box

22 1/2" w x 11 3/4" h x 14 3/4" d / 571.5mm x 298.5mm x 374.7mm

Part Number 1001461145

Catalog Number 3699042

Two Aluminum Half Pack Battery Between Rail Battery Box

22 1/2" w x 11 3/4" h x 14 3/4" d / 571.5mm x 298.5mm x 374.7mm

Part Number 1001756154

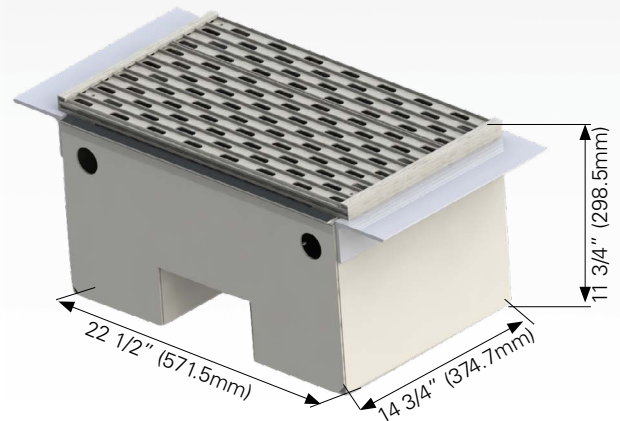
Catalog Number 3699044

Lid-Deck Battery Box

28 inch / 711.2mm

Part Number 1000270699

Catalog Number 3699035



Espar Heater Options

You just want to heat the vehicle interior and it has to be fast? Then an Eberspächer Airtronic air heater is the perfect solution for you. Your vehicle will reach the desired temperature in the shortest possible time: interior air is drawn in, heated and then blown back into the interior. As the heating is exceptionally economical, long operating times are not a problem, and you can precisely control the temperature yourself – how warm it should be during the day and night.

THE AIRTRONIC ADVANTAGES:

- Fast interior air heating with high performance power setting for especially short heating times.
- Stops condensation from forming on the windscreen.
- Automatic continuous interior temperature control with temperature pre-selection.
- With the lowest setting on the market (850 – 900 W), it is extremely quiet.
- Quiet night operation.
- Low fuel and electricity consumption – ideal when long periods of use are required.
- Compact devices that save space and are easy to install.

Espar Airtronic D2 Heater Kit, 12V

4 1/2" w x 4 13/16" h x 12 3/16" l / 114.3mm x 121.9mm x 309.9mm

6 lb (2.7 kg)

Part Number 530713

Catalog Number 3999178



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Warranty

- 2-year limited warranty on parts and systems





Battery-Operated Rooftop Systems

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When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All Aftermarket systems have a 1-year warranty.

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Features

- Digital readout in °C & °F with automatic temperature control
- Pre-charged system with R-134a refrigerant
- Double battery protection
- Remote control

Air Distribution and Control Panel



Suggested Applications



Technical Specifications

Model	Compact 3.0 24V
Voltage	24V
Capacity*	10,236 BTU/hr (3,0 kW)
Amps**	Engine On: 25 A/h - 38 A/h Engine Off: 11 A/h - 24 A/h
Maximum air flow	470 SCFM (800 m³/hr)
Dimensions (L x W x H)	28.58in x 32.52in x 8.07in (726mm x 826mm x 205mm)
Weight	86.6 lb (39,3 kg)
Mounting Position	Roof

(*) System output (BTU/hr) is based on system component-calculated capacities. In accordance with JIS standard test conditions: outside temperature 95°F (35°C), return temperature 80°F (27°C).

(**) Test conditions: outside temperature between 86°F (30°C) and 107°F (42°C).

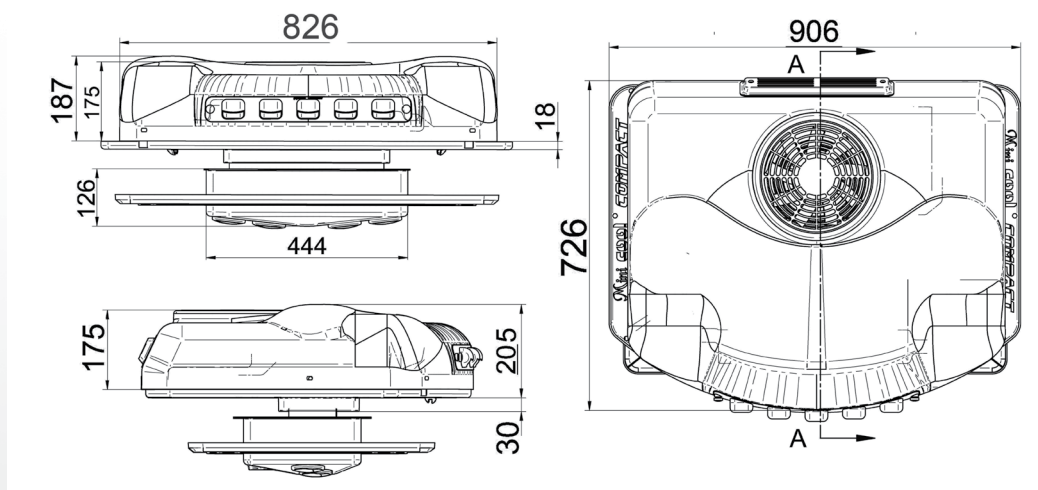
Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Unit performance with the engine running is 10,248 BTU/hr and with the engine switched off the performance is limited to 4,800 BTU/hr to protect the vehicle battery.

Minimum alternator required: 80 A/h

Minimum battery required: 180 A/h

Line Drawing



Compact 3.0 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KE300-24 / 1002179845	24V

*Installation kit included with the system.

Compact 3.0 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	091087C006 / 1000726778	24V
Condenser Fan	091132C021 / 1000726732	24V
Compressor	091132C004 / 1000726761	24V



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Warranty

- 1-year limited warranty



Features

- Electrical AC unit
- Interior control panel
- Pre-charged system with R-134a refrigerant
- Hermetically-sealed compressor

Air Distribution and Control Panel



Suggested Applications



Technical Specifications

Model	Integral Power 12V	Integral Power 24V
Voltage	12V	24V
Capacity*	5,635 BTU/hr (1,65 kW)	9,426 BTU/hr (2,76 kW)
Amps**	61 A/h	58 A/h
Maximum air flow	182 SCFM (310 m ³ /hr)	194 SCFM (330 m ³ /hr)
Dimensions (L x W x H)	30.04in x 26.14in x 8.54in (763mm x 664mm x 217mm)	30.04in x 26.14in x 8.54in (763mm x 664mm x 217mm)
Weight	82.67 lb (37,5 kg)	82.67 lb (37,5 kg)
Mounting Position	Roof	Roof

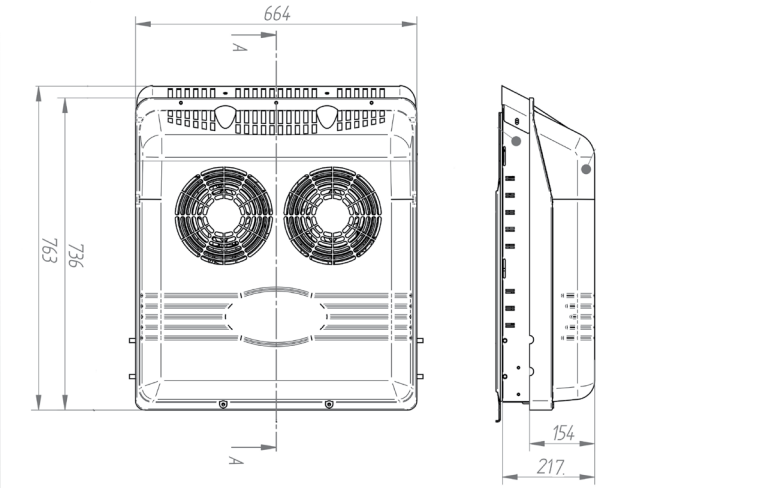
(*) System output (BTU/hr) is based on system component-calculated capacities in accordance with JIS standard test conditions: outside temperature 95°F (35°C), return temperature 80°F (27°C).

(**) Test conditions: outside temperature between 86°F (30°C) and 107°F (42°C).

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Minimum alternator required: **12V** = upsize by 75 A/h / **24V** = upsize by 60 A/h

Line Drawing



Battery-Operated Rooftop

Integral Power Manual Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KE400-12 / 1002336795 KE400-24 / 1002185916	12V Manual 24V Manual

*Installation kit included with the system.



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Warranty

- 1-year limited warranty

NOTES:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Engine-Driven Rooftop Systems

HD-1000 AC	26
HD-1000 HVAC	28
KA-300	30

When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All Aftermarket systems have a 1-year warranty.

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System comes with chrome hardware kit. A black hardware kit is also available,

Suggested Applications



Features

- Heavy-duty steel construction
- Integrated evaporator with double wheel blower
- Variable speed blower switch
- Adjustable thermostat
- Headliner control panel with integrated light
- Integrated receiver drier and single fan condenser
- Order compressor separately
- Order hose kit separately

Air Distribution and Control Panel

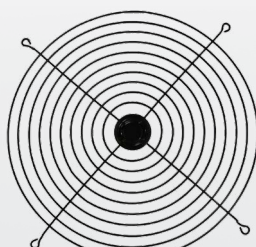
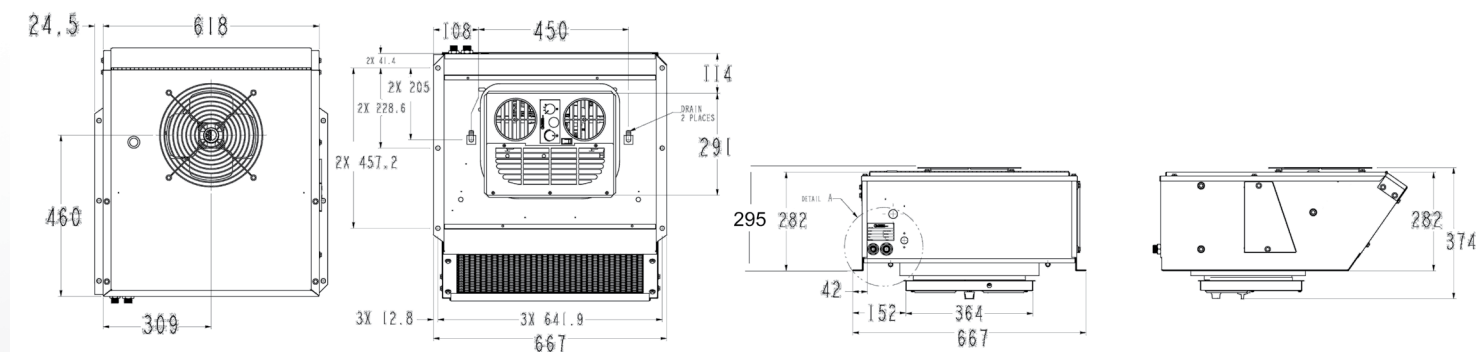


Technical Specifications

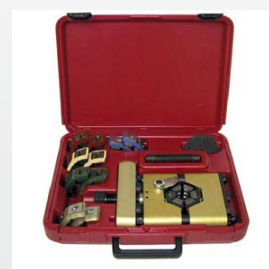
Model	HD-1000 12V	HD-1000 24V
Voltage	12V	24V
Capacity	25,932 BTU/hr (7,6 kW)	25,932 BTU/hr (7,6 kW)
Amps	32 A	16 A
Maximum air flow	HVAC Blower: 315 SCFM (1,275 m³/hr) Fan: 750 SCFM (1,275 m³/hr)	HVAC Blower: 315 SCFM (1,275 m³/hr) Fan: 750 SCFM (1,275 m³/hr)
Dimensions (L x W x H)	27.91in x 26.26in x 11.61in (709mm x 667mm x 295mm)	27.91in x 26.26in x 11.61in (709mm x 667mm x 295mm)
Weight	85.1 lb (38,6 kg)	85.1 lb (38,6 kg)
Mounting Position	Roof	Roof
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



1000335550



2610005

HD-1000 System Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KA1000-12 / 1001203446 KA1000-24 / 1001203447	12V 24V

*Installation kit included with the system.

HD-1000 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1099097 / 519703 1075048 / 519715	12V 24V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Condenser	1575027 / 1000359209	12V / 24V
Thermostat	2399004 / B404028	12V / 24V
Evaporator/Heater Coil	1675017 / B400168	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Receiver Drier	1999214 / E525010	12V / 24V
Air Filter Kit	3199008 / B407351 3475056 / B416998	12V 24V
R-134a Hose Kits	3475004 / B416964 3475005 / B416965	18 ft. 24 ft.
Black Guard Fan	1000335550	Option to purchase black versus standard chrome
Black M6 Hex Head 25mm Screws	1000898591	Option to purchase black versus standard chrome
Black M6 Hex Head 16mm crews	1000898585	Option to purchase black versus standard chrome
Crimper Kit	2610005 / 550341	A crimper kit is required. Bergstrom offers a crimper kit for purchase, if needed.



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Warranty

• 1-year limited warranty

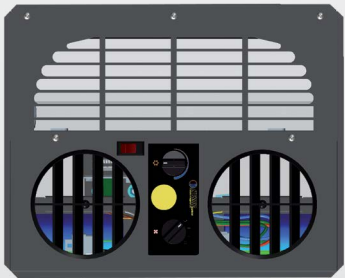


System comes with chrome hardware kit. A black hardware kit is also available,

Features

- Heavy-duty steel construction
- Integrated evaporator with double wheel blower
- Variable speed blower switch
- Adjustable thermostat and water valve controls
- Headliner control panel with integrated light
- Integrated receiver drier and single fan condenser
- Order compressor separately
- Order hose kit separately

Air Distribution and Control Panel



Suggested Applications

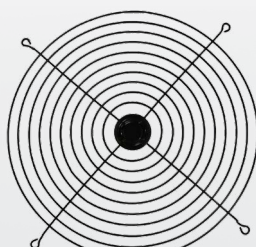
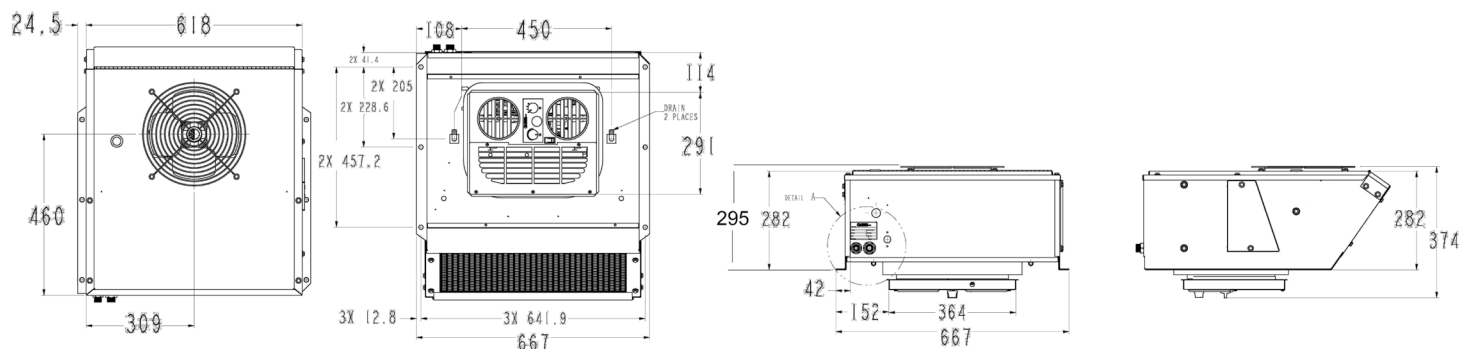


Technical Specifications

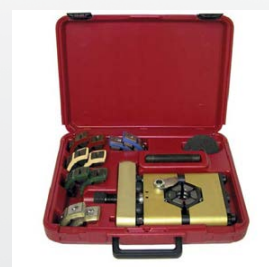
Model	HD-1000 12V	HD-1000 24V
Voltage	12V	24V
Capacity	Cold: 25,932 BTU/hr (7,6 kW) Hot: 34,120 BTU/hr (10,0 kW)	Cold: 25,932 BTU/hr (7,6 kW) Hot: 34,120 BTU/hr (10,0 kW)
Amps	32 A	16 A
Maximum air flow	315 SCFM (535 m³/hr)	4315 SCFM (535 m³/hr)
Dimensions (L x W x H)	27.91in x 26.26in x 11.61in (709mm x 667mm x 295mm)	27.91in x 26.26in x 11.61in (709mm x 667mm x 295mm)
Weight	88 lb (40,0 kg)	88 lb (40,0 kg)
Mounting Position	Roof	Roof
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



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2610005

HD-1000 HVAC Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KK1000-12 / 1001203450 KK1000-24 / 1001203451	12V 24V

*Installation kit included with the system.

HD-1000 HVAC Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1099097 / 519703 1075048 / 519715	12V 24V
Resistor	2075006 / 1000303268 2075008 / 100303297	12V 24V
Condenser	1575008 / B401080	12V / 24V
Thermostat	2399004 / B404028	12V / 24V
Evaporator/Heater Coil	1675016 / B400165	12V / 24V
Water Valve	2475002 / B173089	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Receiver Drier	1975002 / B402527	12V / 24V
Air Filter Kit	3199008 / B407351	12V / 24V
R-134a Hose Kits	3475004 / B416964 3475005 / B416965	18 ft. 24 ft.
Black Guard Fan	1000335550	Option to purchase black versus standard chrome
Black M6 Hex Head 25mm Screws	1000898591	Option to purchase black versus standard chrome
Black M6 Hex Head 16mm crews	1000898585	Option to purchase black versus standard chrome
Crimper Kit	2610005 / 550341	A crimper kit is required. Bergstrom offers a crimper kit for purchase, if needed.



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Warranty

• 1-year limited warranty



System comes with chrome hardware kit. A black hardware kit is also available,

Suggested Applications



Features

- Heavy-duty steel base construction
- Integrated double wheel plastic blower
- Headliner control panel with integrated light
- Adjustable thermostat control
- Variable speed blower switch
- Integrated receiver drier and single fan condenser
- High & low pressure switch
- Order compressor separately
- Order hose kit separately

Air Distribution and Control Panel

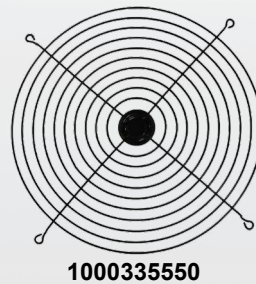
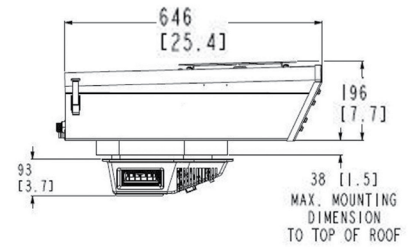
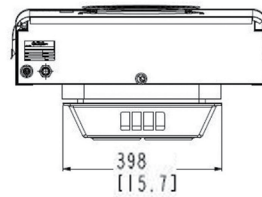
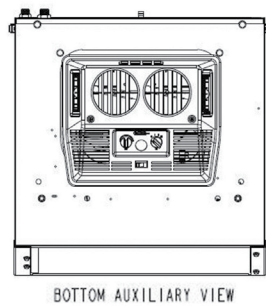
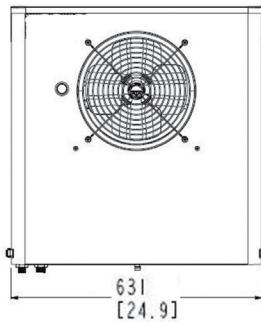


Technical Specifications

Model	KA300-12	KA300-24
Voltage	12V	24V
Capacity	18,900 BTU/hr (5,5 kW)	18,900 BTU/hr (5,5 kW)
Amps	26 A	13 A
Maximum air flow	245 SCFM (416 m³/hr)	245 SCFM (416 m³/hr)
Dimensions (L x W x H)	25.39in x 24.84in x 7.72in (645mm x 631mm x 196mm)	25.39in x 24.84in x 7.72in (645mm x 631mm x 196mm)
Weight	74 lb (33.6 kg)	74 lb (33.6 kg)
Mounting Position	Roof	Roof
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)	5/8" (#10) tube inverted male o-ring (7/8-14 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



1000335550

Engine-Driven Rooftop

KA300 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KA300-12 / 1001203448 KA300-24 / 1001203449	12V 24V

*Installation kit included with the system.

KA300 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075044 / 519714 1075046 / 1000304979	12V 24V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Thermostat	2399004 / B404028	12V / 24V
Evaporator	1675006 / B400074	12V / 24V
Fan Switch	2175003 / B220743	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Switch (High, Low)	2275012 / 1000948101	12V / 24V
Condenser	1575009 / B401102	12V / 24V
R-134a Hose Kits	3475004 / B416964 3475005 / B416965	18 ft. 24 ft.
Black Guard Fan	1000335550	Option to purchase black versus standard chrome
Black M6 Hex Head 25mm Screws	1000898591	Option to purchase black versus standard chrome
Black M6 Hex Head 16mm Screws	1000898585	Option to purchase black versus standard chrome



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Warranty

• 1-year limited warranty

NOTES:

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Engine-Driven Headliner Systems

KA-400 SLIMLINE	34
KK-400 SLIMLINE	36
KA-500 HARDHAT	38
KA-7100	40
KA-7300	42
KELVIN AC	44
KELVIN HVAC	46
PASCAL AC	48

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All Aftermarket systems have a 1-year warranty.

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Features

- Heavy-duty steel construction
- Low profile headliner mount AC
- Double wheel blower
- 3-speed blower switch
- Adjustable thermostat control
- Easy access refrigerant hose connections
- (5) Directional shut-off louvers

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser

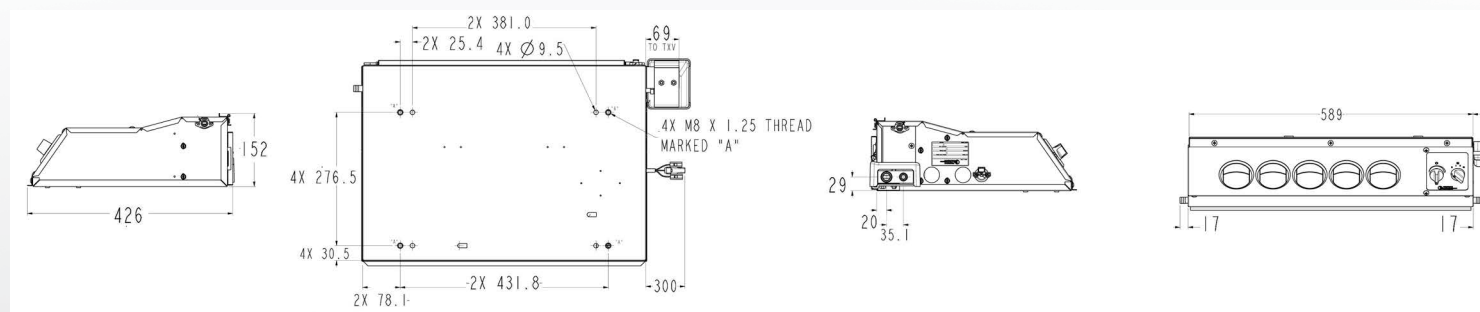
**KC-500****KC-750**

KA-400 Slimline Technical Specifications

Model	KA-400 12V	KA-400 24V
Voltage	12V	24V
Capacity	21,838 BTU/hr (6,4 kW)	21,838 BTU/hr (6,4 kW)
Amps	10 A/h	5 A/h
Maximum air flow	280 SCFM (425 m ³ /hr)	280 SCFM (425 m ³ /hr)
Dimensions (L x W x H)	23.19in x 16.77in x 5.98in (589mm x 426mm x 152mm)	23.19in x 16.77in x 5.98in (589mm x 426mm x 152mm)
Weight	26 lb (11,8 kg)	26 lb (11,8 kg)
Mounting Position	Headliner	Headliner

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



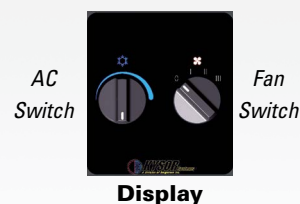
KA-400 Slimline Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA400-12 / 1000281467 KA400-24 / 1000281468	12V 24V
Installation Kit (includes receiver drier and hoses)*	3475068 / B417261 3475068 / B417261	12V 24V

*Must purchase all parts in order guide for proper installation.

KA-400 Slimline Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1075056 / 1000333133	12V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Fan Switch	2199005 / 650657 2199005 / 650657	12V 24V
Expansion Valve	1899046 / 1001443791 1899046 / 1001443791	12V 24V
Thermostat	2375001 / B404075 2375001 / B404075	12V 24V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel construction
- Low profile headliner mount AC
- Double wheel blower
- 3-speed blower switch
- Adjustable thermostat control
- Easy access refrigerant hose connections
- (5) Directional shut-off louvers

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser



KC-500



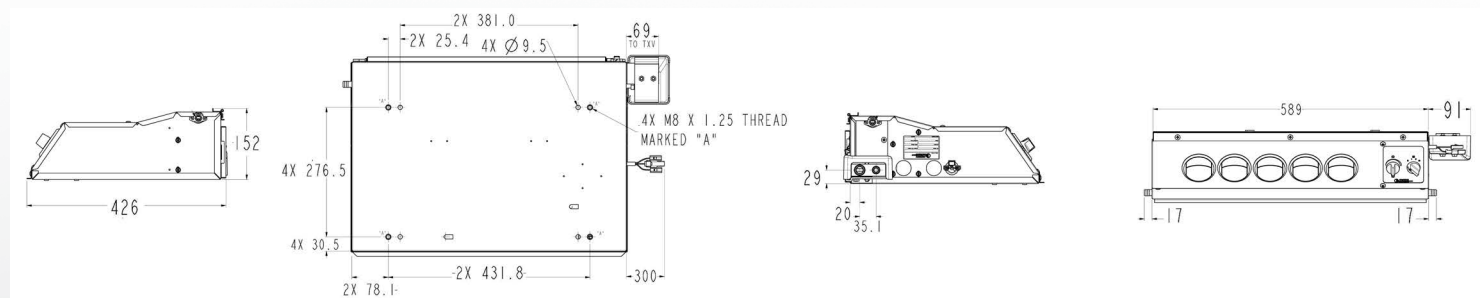
KC-750

KK-400 Slimline Technical Specifications

Model	KA-400 12V	KA-400 24V
Voltage	12V	24V
Capacity	Cold: 21,840 BTU/hr (6,4 kW) Hot: 25,933 BTU/hr (7,6 kW)	Cold: 21,840 BTU/hr (6,4 kW) Hot: 25,933 BTU/hr (7,6 kW)
Amps	10 A	5 A
Maximum air flow	280 SCFM (425 m³/hr)	280 SCFM (425 m³/hr)
Dimensions (L x W x H)	23.19in x 16.77in x 5.98in (589mm x 426mm x 152mm)	23.19in x 16.77in x 5.98in (589mm x 426mm x 152mm)
Weight	30 lb (13,6 kg)	30 lb (13,6 kg)
Mounting Position	Headliner	Headliner

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KK-400 Slimline Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KK400-12 / 1000258349 KK400-24 / 1000258376	12V 24V
Installation Kit (includes receiver drier and hoses)*	3475068 / B417261 3475068 / B417261	12V 24V

*Must purchase all parts in order guide for proper installation.

KK-400 Slimline Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1075056 / 1000333133	12V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Fan Switch	2199005 / 650657 2199005 / 650657	12V 24V
Expansion Valve	1899046 / 1001443791 1899046 / 1001443791	12V 24V
Thermostat	2375001 / B404075 2375001 / B404075	12V 24V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel base construction
- Molded cover
- (6) Directional louvers
- 3-speed blower switch
- Adjustable thermostat control
- Easy access refrigerant hose connections
- Easy access to washable recirculating air filter
- External refrigerant and Capacity connections

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser



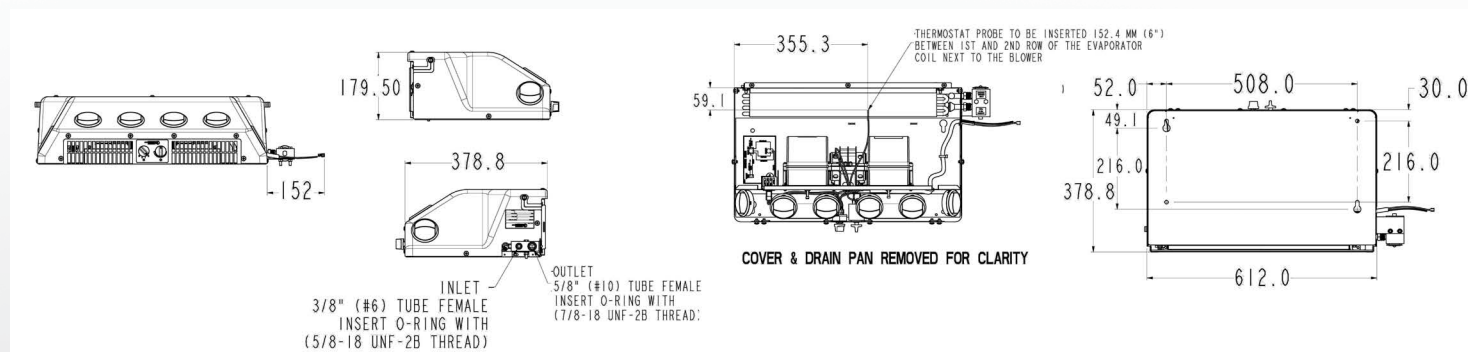
KC-440

KA-500 Hardhat Technical Specifications

Model	KA-500 12V	KA-500 24V
Voltage	12V	24V
Capacity	29,345 BTU/hr (8,6 kW)	29,345 BTU/hr (8,6 kW)
Amps	13.3 A/h	7.2 A/h
Maximum air flow	305 SCFM (518 m³/hr)	305 SCFM (518 m³/hr)
Dimensions (L x W x H)	14.91in x 24.09in x 7.07in (378.8mm x 612mm x 179.5mm)	24.09in x 14.91in x 7.07in (612mm x 378.8mm x 179.5mm)
Weight	35.1 lb (15,9 kg)	35.1 lb (15,9 kg)
Mounting Position	Headliner	Headliner

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KA-500 Hardhat Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KA500-12 / 1000298166 KA500-24 / 1000298167	12V 24V

KA-500 Hardhat Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075044 / 519714 1075046 / 1000304979	12V 24V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Thermostat	2375001 / B404075 2375001 / B404075	12V 24V
Evaporator	1675026 / 1000299400 1675026 / 1000299400	12V 24V
Fan Switch	2199005 / 650657 2199005 / 650657	12V 24V
Recirculating Filter	3175011 / 1000310659 3175011 / 1000310659	12V 24V
Fresh Air Filter	3175002 / B407176 3175002 / B407176	12V 24V
Expansion Valve	1899046 / 1001443791 1899046 / 1001443791	12V 24V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel base
- 3-speed double blower package
- Molded cover
- Adjustable thermostat control
- (2) Directional louvers
- Heavy-duty headliner AC
- Recirculating air filter - easily accessible & washable

Air Distribution and Control Panel



Suggested Applications

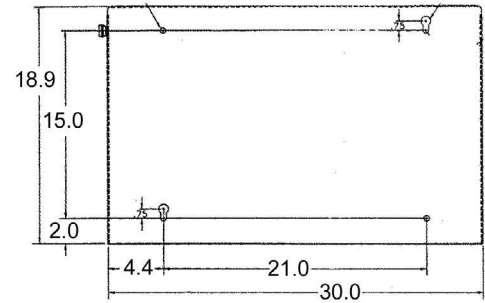
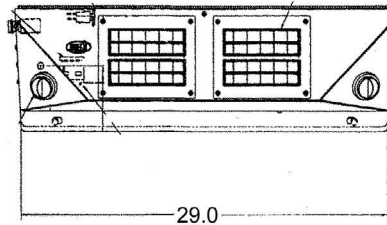
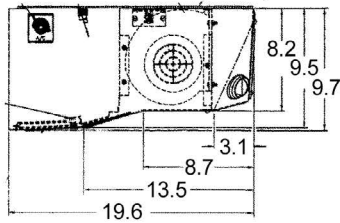


KA-7100 Technical Specifications

Model	KA-7100 12V
Voltage	12V
Capacity	49,500 BTU/hr (14,5 kW)
Amps	16.2 A/h
Maximum air flow	550 SCFM (935 m ³ /hr)
Dimensions (L x W x H)	30.0in x 19.6in x 9.7in (762mm x 498mm x 247mm)
Weight	35.1 lb (15,9 kg)
Mounting Position	Headliner

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KA-7100 Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA7100-12 / B938148	12V
Universal Hose Kit	3475087 / 869801	

*Must purchase all parts in order guide for proper installation.

KA-7100 Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099006 / 650790	12V
Thermostat	2375001 / B404075	12V
Filter	3475019 / B407368	12V
Expansion Valve	1817001 / 540035	12V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel construction
- (2) 3-speed double blowers
- Adjustable thermostat control
- (4) Directional louvers
- Heavy-duty headliner AC
- Recirculating air filter - easily accessible & washable

Air Distribution and Control Panel



Suggested Applications

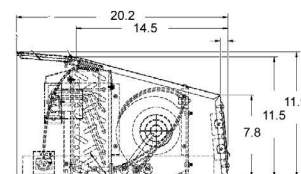
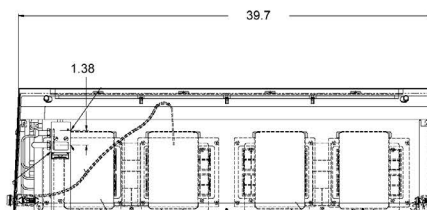
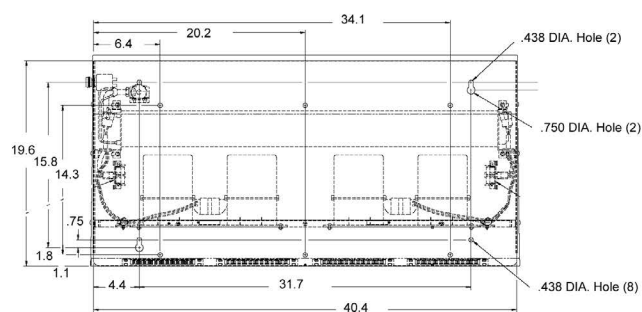


KA-7300 Technical Specifications

Model	KA-7300 12V
Voltage	12V
Capacity	75,408 BTU/hr (22,1 kW)
Amps	15 A - 30 A
Maximum air flow	940 SCFM (1597 m³/hr)
Dimensions (L x W x H)	40.4in x 20.2in x 11.9in (1026.2mm x 513mm x 302.3mm)
Weight	68 lb (30,8 kg)
Mounting Position	Headliner

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Engine-Driven Headliner

KA-7300 Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA7300-12 / B938150	12V
Universal Hose Kit	3475087 / 869801	

*Must purchase all parts in order guide for proper installation.

KA-7300 Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099006 / 650790	12V
Thermostat	2375001 / B404075	12V
Filter	3475020 / B407374	12V
Expansion Valve	1817001 / 540035	12V



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Warranty

- 1-year limited warranty



Features

- Shell constructed with durable molded plastic
- Integrated twin scroll blower
- 4 air outlets (choice of spigot or louver)
- 3 fan speeds
- TXV included

Air Distribution and Control Panel



Spigot



Louver



Suggested Applications



Recommended Condenser



KC-750

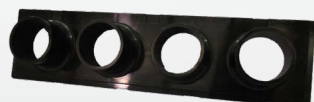
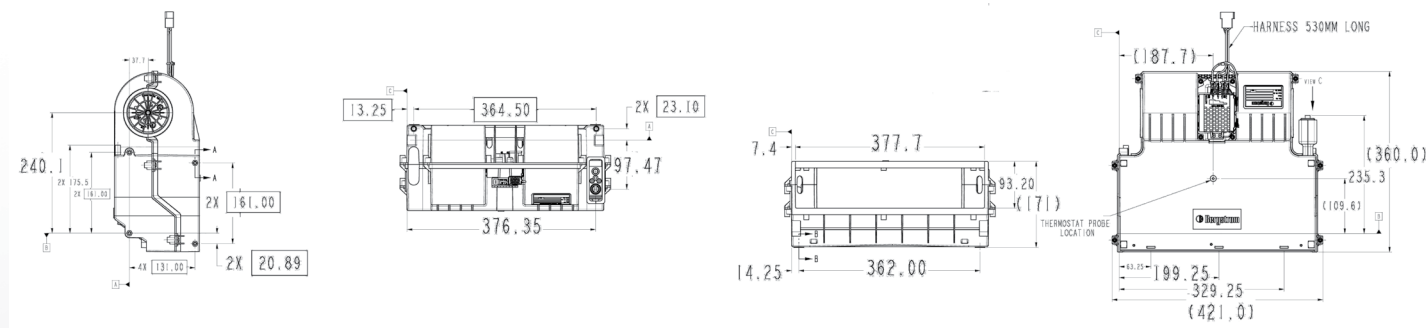
Kelvin AC Technical Specifications

Model	Kelvin AC 12V	Kelvin AC 24V
Voltage	12V	24V
Capacity	20,810 BTU/hr (6,1 kW)	20,810 BTU/hr (6,1 kW)
Amps	21.6 A/h	11 A/h
Maximum air flow	460 SCFM (780 m³/hr)	460 SCFM (780 m³/hr)
Dimensions (L x W x H)	14.71in x 16.53in x 6.69in (360mm x 421mm x 170mm)	14.71in x 16.53in x 6.69in (360mm x 421mm x 170mm)
Weight	14.3 lb (6,5 kg)	14.3 lb (6,5 kg)
Mounting Position	Horizontal (Floor or Headliner)	Horizontal (Floor or Headliner)

(*) System output (BTU/hr) is based on system component-calculated capacities in accordance with ISO1515 standard test conditions: outside temperature 100°F (38°C), humidity 40%.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



3499048



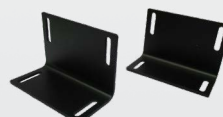
3499052



3499058



3499059



3499054

Kelvin AC Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA840-12 / 1000813037 KA840-24 / 1000813039	12V 24V
Harness	3499029 / 1001404667 3499030 / 1001397464 3499035 / 1001405115 3499036 / 1001405318	4 meters of hose for 12V 8 meters of hose fvor 12V 4 meters of hose for 24V 8 meters of hose fvor 24V
Control Panel	3499042 / 1001157329 3499043 / 1001165354 3499044 / 1001191534	Vertical 12V Horizontal 12V Vertical 24V
Fascia Panel	3499048 / 1001004175 3499052 / 1001004181 3499058 / 1001161239	Four Spigot Outlets Four Chrome and Black Louvers Four Black and Black Louvers
Bracket	3499054 / 1001013646 3499059 / 1001015622	Floor/Ceiling Mount Wall/Bulkhead Mount
Condensate Kit	3499050 / 1000988616 3499051 / 1000988618	Single Side Double Side

*Must purchase one option in each category of the order guide for proper installation.

Kelvin AC Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099027 / 1000067312	12V / 24V
Actuator	2199072 / 1000593041	12V / 24V
Thermostat	3499071 / 1000541645	12V / 24V



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Warranty

- 1-year limited warranty



Features

- Shell constructed with durable molded plastic
- Integrated twin scroll blower
- 4 air outlets (choice of spigot or louver)
- 3 fan speeds
- TXV included
- Integrated heater core

Air Distribution and Control Panel



Spigot



Louver



Suggested Applications



Recommended Condenser



KC-750

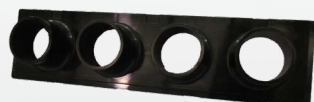
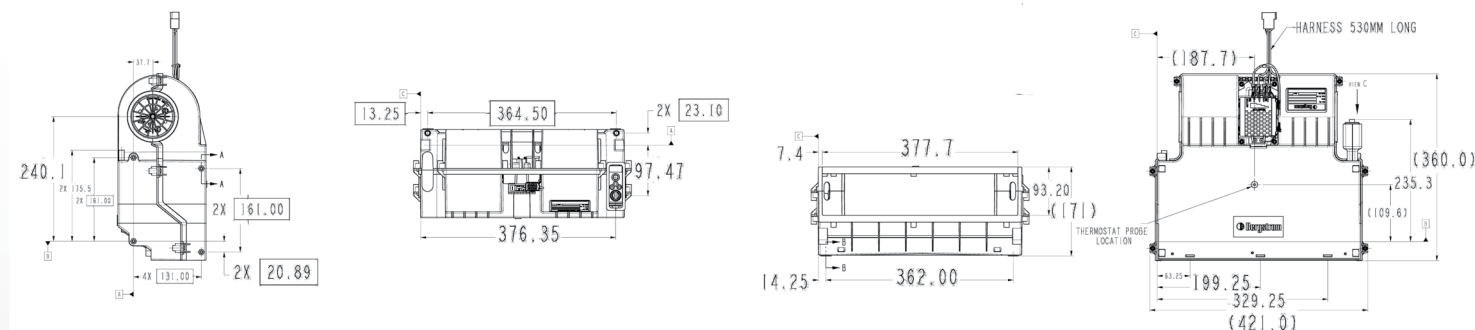
Kelvin HVAC Technical Specifications

Model	Kelvin HVAC 12V	Kelvin HVAC 24V
Voltage	12V	24V
Capacity	Cold: 20,810 BTU/hr (6,1 kW) Hot: 32,410 BTU/hr (9,6 kW)	Cold: 20,810 BTU/hr (6,1 kW) Hot: 32,410 BTU/hr (9,6 kW)
Amps	21.6 A/h	11 A/h
Maximum air flow	460 SCFM (780 m ³ /hr)	460 SCFM (780 m ³ /hr)
Dimensions (L x W x H)	14.71in x 16.53in x 6.69in (360mm x 421mm x 170mm)	14.71in x 16.53in x 6.69in (360mm x 421mm x 170mm)
Weight	13.9 lb (6.5 kg)	13.9 lb (6.5 kg)
Mounting Position	Horizontal (Floor or Headliner)	Horizontal (Floor or Headliner)

(*) System output (BTU/hr) is based on system component-calculated capacities in accordance with ISO1515 standard test conditions: outside temperature 100°F (38°C), humidity 40%.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



3499048



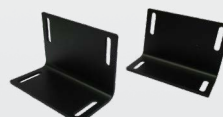
3499052



3499058



3499059



3499054

Kelvin HVAC Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KK840-12 / 1000813036 KK840-24 / 1000813038	12V 24V
Harness	3499033 / 1001381981 3499034 / 1001404710 3499037 / 1001405220 3499038 / 1001405000	4 meters of hose for 12V 8 meters of hose fvor 12V 4 meters of hose for 24V 8 meters of hose fvor 24V
Control Panel	3499047 / 1001159300 3499067 / 1001327197	Vertical Horizontal
Fascia Panel	3499048 / 1001004175 3499052 / 1001004181 3499058 / 1001161239	Four Spigot Outlets Four Chrome and Black Louvers Four Black and Black Louvers
Bracket	3499054 / 1001013646 3499059 / 1001015622	Floor/Ceiling Mount Wall/Bulkhead Mount
Condensate Kit	3499050 / 1000988616 3499051 / 1000988618	Single Side Double Side

*Must purchase one option in each category of the order guide for proper installation.

Kelvin HVAC Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099027 / 1000067312	12V / 24V
Water Valve	2499157 / 1000724772	12V / 24V
Actuator	2199072 / 1000593041	12V / 24V
Thermostat	3499071 / 1000541645I	12V / 24V



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Warranty

• 1-year limited warranty



Features

- Shell constructed with durable molded plastic
- Integrated twin scroll blowers
- 3 air outlets (choice of spigot or louver)
- 3 fan speeds
- TXV included

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser



KC-500



KC-750

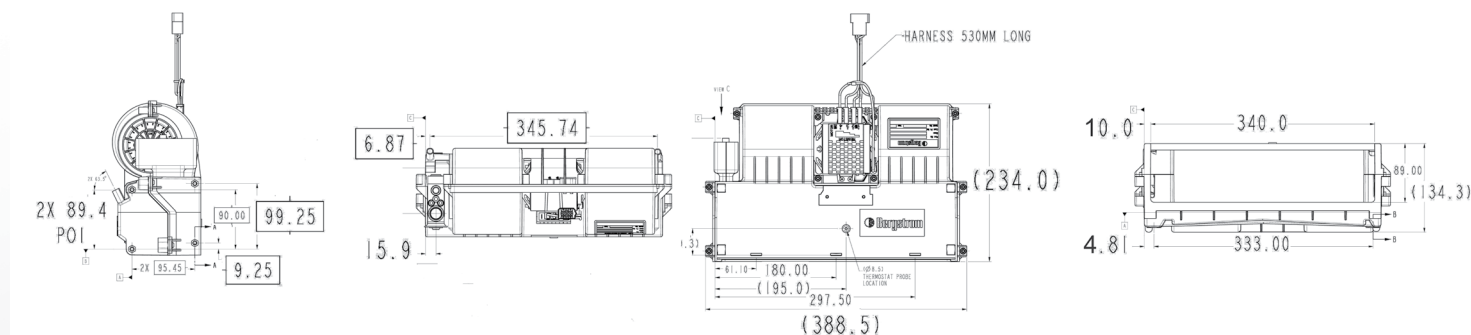
Pascal AC Technical Specifications

Model	Pascal AC 12V	Pascal AC 24V
Voltage	12V	24V
Capacity	13,649 BTU/hr (4 kW)	13,649 BTU/hr (4 kW)
Amps	20 A	10.5 A
Maximum air flow	410 SCFM (650 m³/hr)	410 SCFM (650 m³/hr)
Dimensions (L x W x H)	15.3in x 9.21in x 5.29in (234mm x 88.5mm x 134.3mm)	15.3in x 9.21in x 5.29in (234mm x 88.5mm x 134.3mm)
Weight	8.04 lb (3.8 kg)	8.04 lb (3.8 kg)
Mounting Position	Horizontal (Floor or Headliner)	Horizontal (Floor or Headliner)

(*) System output (BTU/hr) is based on system component-calculated capacities in accordance with ISO1515 standard test conditions: outside temperature 100°F (38°C), humidity 40%.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



3499060



3499055



3499062



3499061



3499057

Pascal AC Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA810-12 / 1000812940 KA810-24 / 1000814236	12V 24V
Harness	3499029 / 1001404667 3499030 / 1001397464	4 meters of hose 8 meters of hose
Control Panel	3499042 / 1001157329 3499043 / 1001165354	Vertical Horizontal
Fascia Panel	3499055 / 1001015619 3499060 / 1001004144 3499062 / 1001161278	Three Chrome and Black Louvers Three Spigot Outlets Three Black and Black Louvers
Bracket	3499057 / 1001015620 3499061 / 1001013603	Floor/Ceiling Mount Wall/Bulkhead Mount
Condensate Kit	3499050 / 1000988616 3499051 / 1000988618	Single Side Double Side

*Must purchase one option in each category of the order guide for proper installation.

Pascal AC Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099027 / 1000067312	12V / 24V
Actuator	2199072 / 1000593041	12V / 24V
Thermostat	3499071 / 1000541645	12V / 24V



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Warranty

- 1-year limited warranty

NOTES:

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Engine-Driven Backwall Systems

KK-315	52
KA-550 SLIMLINE	54
KK-550 SLIMLINE	56
KK-600 BACKPACK	58
KA-710 SIDEKICK	60

When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All Aftermarket systems have a 1-year warranty.

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Features

- Heavy-duty steel construction
- Built for the rescue vehicle industry



Air Distribution and Control Panel



Suggested Applications



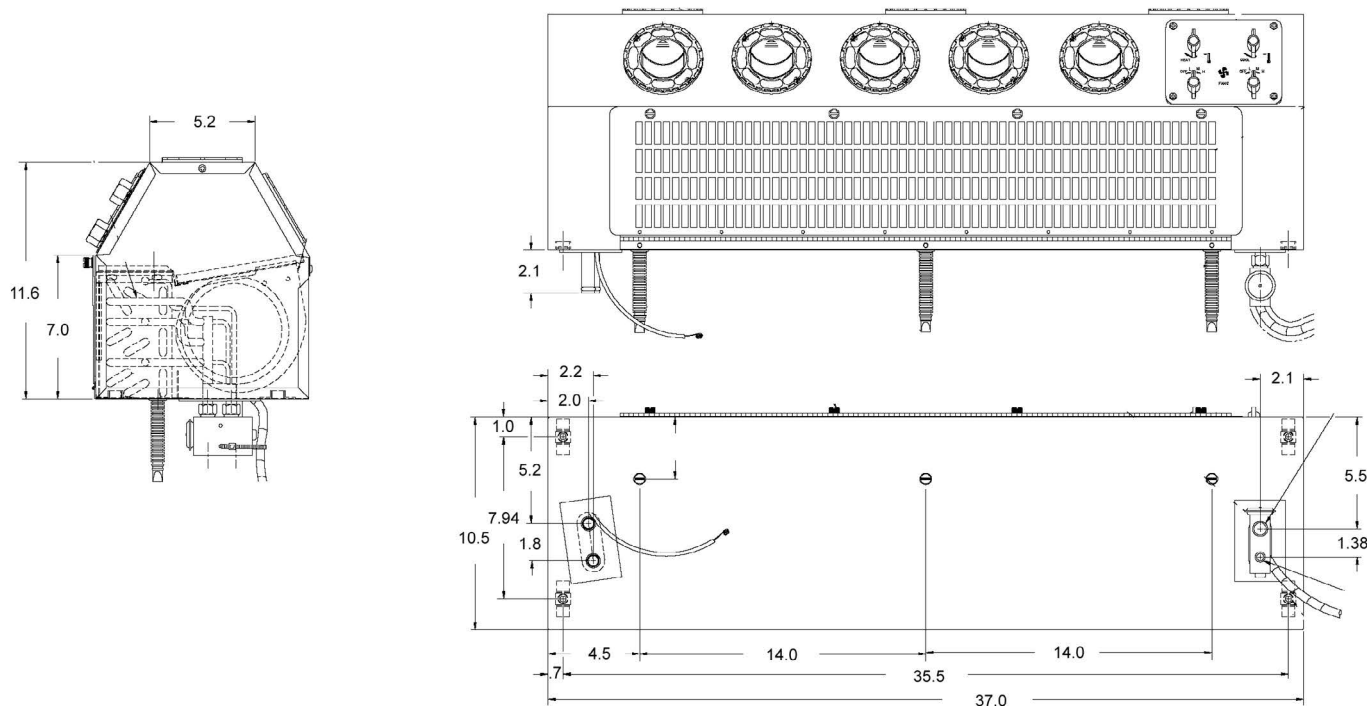
Recommended Condenser

Technical Specifications

Model	KK-315 12V
Voltage	12V
Capacity	34,000 BTU/hr (10 kW)
Amps	25 A
Maximum air flow	619 SCFM (1,052 m ³ /hr)
Dimensions (W x H x D)	37in x 11.6in x 10.5in (940mm x 295mm x 267mm)
Weight	53 lb (24,0 kg)
Mounting Position	Floor

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Engine-Driven Backwall

KK-315 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	3375022 / B934148	12V

KK-315 Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099006 / 650790	12V
Filter	3475012 / B355169	12V
Thermostat	2399004 / B404028	12V
Fan Switch	2199005 / 650657	12V
Water Valve	2475005 / B173131	12V
Louver	3275012 / B360880	12V
Knob	2575010 / B380095	12V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel construction
- Durable double wheel blower
- 3-speed blower switch
- Adjustable thermostat
- Easy access refrigerant hose connections
- (3) 3" Directional top louvers
- (2) 3" Directional front louvers
- Adjustable fresh air | recirculating air door

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser

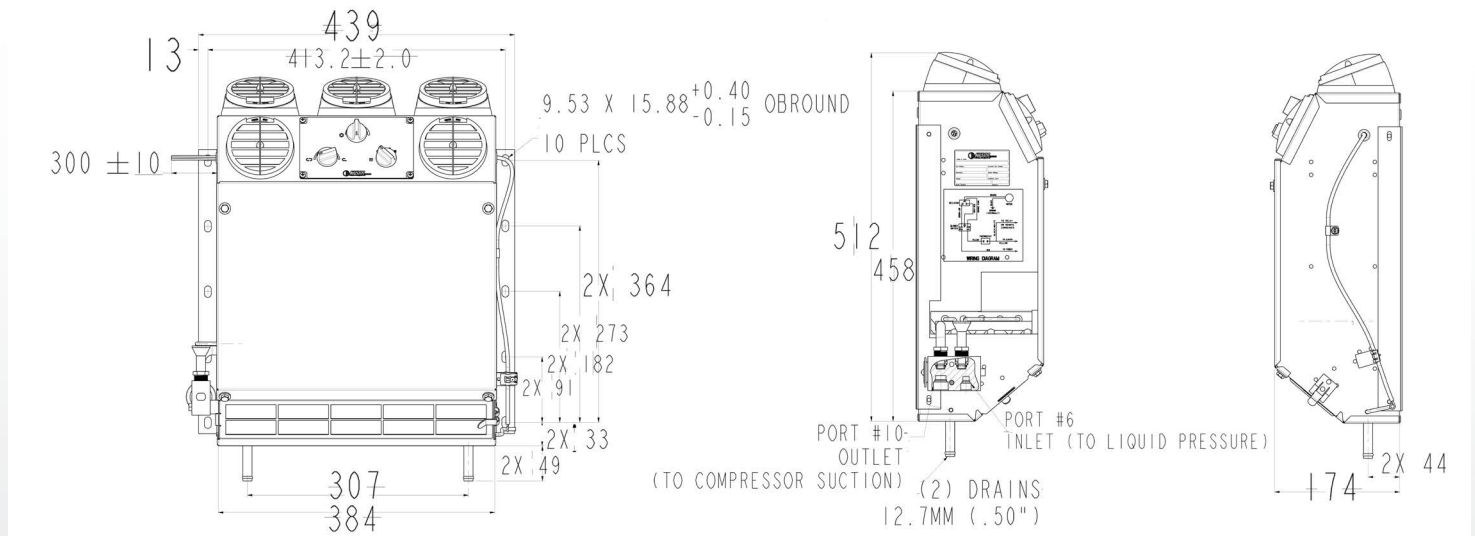
**KC-500****KC-750**

Technical Specifications

Model	KA-550 12V	KA-550 24V
Voltage	12V	24V
Capacity	19,449 BTU/hr (5,7 kW)	19,449 BTU/hr (5,7 kW)
Amps	7 A	7 A
Maximum air flow	275 SCFM (467 m ³ /hr)	275 SCFM (467 m ³ /hr)
Dimensions (W x H x D)	17.28in x 20.16in x 6.85in (439mm x 512mm x 174mm)	17.28in x 20.16in x 6.85in (439mm x 512mm x 174mm)
Weight	34 lb (15,4 kg)	34 lb (15,4 kg)
Mounting Position	Wall	Wall

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



AC Switch



Recirculation Switch Fan Switch

KA-550 Slimline Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA550-12 / 1001383384 KA550-24 / 1000258354	12V 24V
Installation Kit (includes receiver drier and hoses)	3475069 / B417262 3475069 / B417262	12V 24V

*Must purchase all parts in order guide for proper installation.

KA-550 Slimline Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1075044 / 519714 1075046 / 1000304979	12V 24V
Resistor	2099016 / B220990 2075008 / 1000303297	12V 24V
Filter	3199003 / B407162 3199003 / B407162	12V 24V
Evaporator	1675019 / B400174 1675019 / B400174	12V 24V
Expansion Valve	1899046 / 1001443791 1899046 / 1001443791	12V 24V
Recirculating Air Filter	3175012 / 1000343377 3175012 / 1000343377	12V 24V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel construction
- Durable double wheel blower
- 3-speed blower switch
- Adjustable thermostat and water valve controls
- Easy access refrigerant hose connections
- (3) 3" Directional top louvers
- (2) 3" directional front louvers
- Adjustable fresh air | recirculating air door

Air Distribution and Control Panel



Suggested Applications



Recommended Condenser

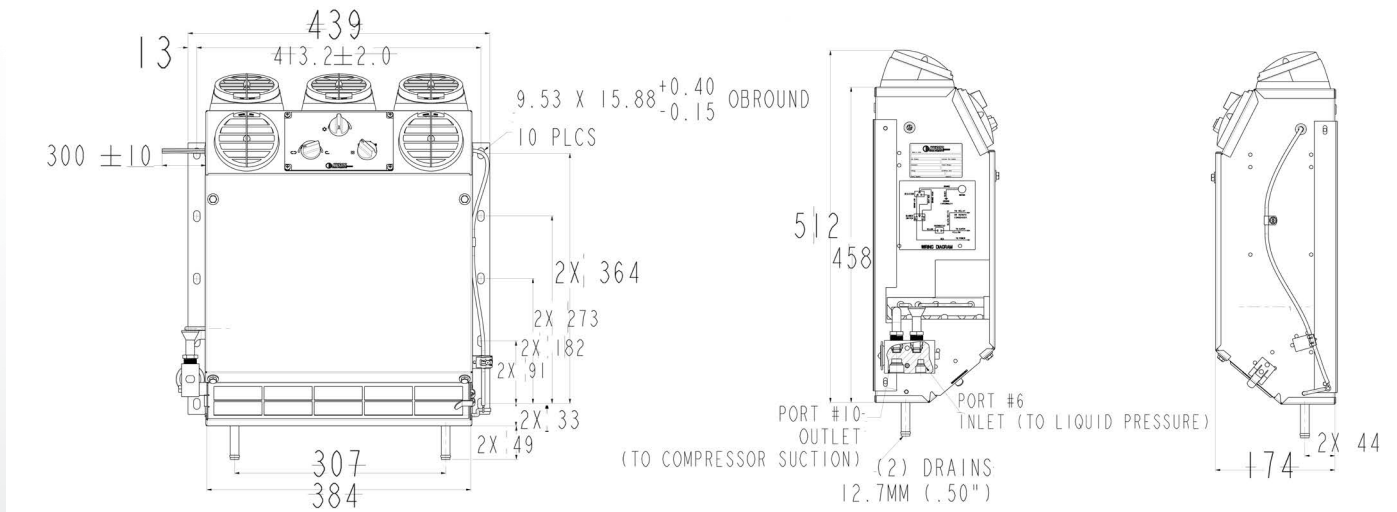
**KC-500****KC-750**

Technical Specifications

Model	KK550 12V	KK-550 24V
Voltage	12V	24V
Capacity	Cold: 19,449 BTU/hr (5,7 kW) Hot: 33,500 BTU/hr (9,8 kW)	Cold: 19,449 BTU/hr (5,7 kW) Hot: 33,500 BTU/hr (9,8 kW)
Amps	12 A	7 A
Maximum air flow	275 SCFM (467 m ³ /hr)	275 SCFM (467 m ³ /hr)
Dimensions (W x H x D)	17.28in x 6.85in x 20.16in (439mm x 174mm x 512mm)	17.28in x 6.85in x 20.16in (439mm x 174mm x 512mm)
Weight	37.04 lb (16,8 kg)	37.04 lb (16,8 kg)
Mounting Position	Wall	Wall

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Switch AC



Switch recirculation Switch Fan

KK550 Slimline Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KK550-12 / 1001341694 KK550-24 / 1001383734	12V 24V
Installation Kit (includes receiver drier and hoses)	3475069 / B417262 3475069 / B417262	12V 24V

*Must purchase all parts in order guide for proper installation.

KK-550 Slimline Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Assembly	1099097 / 519703 1075046 / 1000304979	12V 24V
Resistor	2099016 / B220990 2075001 / B221670	12V 24V
Filter	3175004 / B407372	12V / 24V
Evaporator	1675019 / B400174	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Water Valve	2499116 / 1000488420	12V / 24V
Fresh Air Filter	3199003 / B407162	12V / 24V
Recirculating Air Filter	3175012 / 1000343377	12V / 24V



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Warranty

- 1-year limited warranty



Suggested Applications



Features

- Heavy-duty steel construction
- 3-speed blower switch
- Adjustable thermostat and water valve controls
- Double wheel blower
- Easy access refrigerant and heater hose connections
- (3) 3" directional top louvers
- (4) directional front louvers

Air Distribution and Control Panel



Recommended Condenser

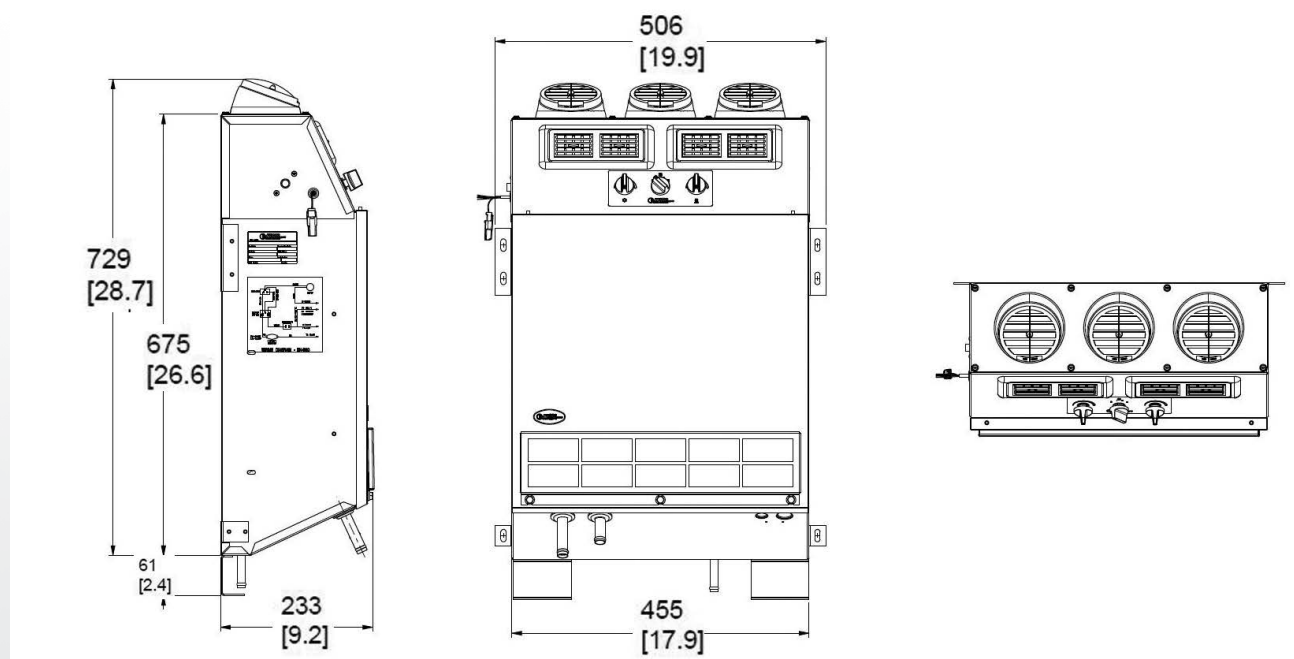
Technical Specifications

Model	KK-600 Backpack 12V	KK-600 Backpack 24V
Voltage	12V	24V
Capacity	Cold: 33,439 BTU/hr (9,8 kW) Hot: 47,770 BTU/hr (14,0 kW)	Cold: 33,439 BTU/hr (9,8 kW) Hot: 47,770 BTU/hr (14,0 kW)
Amps	12 A	6 A
Maximum air flow	325 SCFM (552 m³/hr)	325 SCFM (552 m³/hr)
Dimensions (W x H x D)	19.9in x 28.7in x 9.2in (506mm x 729mm x 233mm)	19.9in x 28.7in x 9.2in (506mm x 729mm x 233mm)
Weight	70 lb (31.8 kg)	70 lb (31.8 kg)
Mounting Position	Wall	Wall

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Recommended Compressor: TM-21

Line Drawing



KK-600 Backpack Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KK600-12 / 1000258386 KK600-24 / 1000258387	12V 24V
Installation Kit (includes receiver drier and hoses)	3475070 / B417263 3475070 / B417263	12V 24V

*Must purchase all parts in order guide for proper installation.

KK-600 Backpack Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075044 / 519714 1075048 / 519715	12V 24V
Blower Wheel	1199028 / B260170	12V / 24V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Thermostat	2399004 / B404028	12V / 24V
Evaporator	1675010 / B400105	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Water Valve	2499116 / 1000488420	12V / 24V
Relay	2475010 / 1000368705	12V / 24V



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Warranty

• 1-year limited warranty



Features

- Heavy-duty steel base construction
- Double wheel blower
- 3-speed blower switch
- Adjustable temperature control
- (4) 3" adjustable front louvers

Air Distribution and Control Panel



Suggested Applications



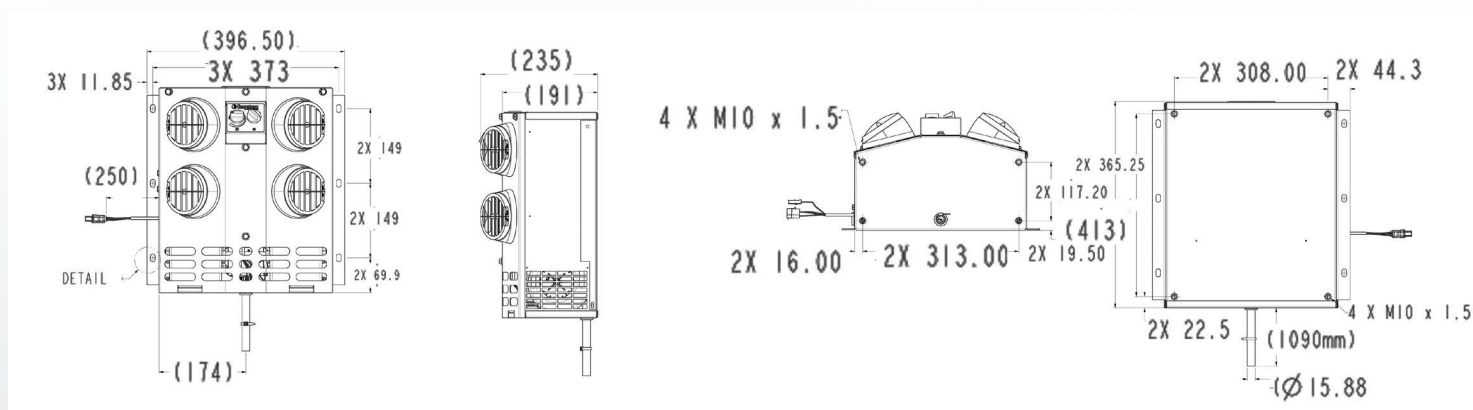
Recommended Condenser

Technical Specifications

Model	KA-710 Sidekick 12V	KA-710 Sidekick 24V
Voltage	12V	24V
Capacity	24,500 BTU/hr (7,2 kW)	24,500 BTU/hr (7,2 kW)
Amps	14 A	7 A
Maximum air flow	285 SCFM (484 m³/hr)	285 SCFM (484 m³/hr)
Dimensions (W x H x D)	15.6in x 15.61in x 9.25in (396.5mm x 396.5mm x 235mm)	15.6in x 15.61in x 9.25in (396.5mm x 396.5mm x 235mm)
Weight	29 lb (13,2 kg)	29 lb (13,2 kg)
Mounting Position	Wall	Wall

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Engine-Driven Backwall

KA-710 Sidekick Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KA710-12 / 1001203445 KA710-24 / 1001203767	12V 24V
Universal Installation Kit (includes receiver drier, wall mounting kit and hoses)	3475098 / 1001685792 3475098 / 1001685792	12V 24V

*Must purchase all parts in order guide for proper installation.

KA-710 Sidekick Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1099097 / 519703 1075047 / 1000304980	12V 24V
Resistor	2075006 / 1000303268 2075008 / 1000303297	12V 24V
Thermostat	2399004 / B404028	12V / 24V
Fan Switch	2199005 / 650657	12V / 24V
Expansion Valve	1899046 / 1001443791	12V / 24V
Filter	3175005 / B416759	12V / 24V
Water Valve	2475010 / 1000368705	12V / 24V



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Warranty

• 1-year limited warranty

NOTES:

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Condensers

KC-270	64
KC-440	66
KC-500	68
KC-750	70
KC-900 SUPER AIR PLUS	72
KC-1000	74

When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All Aftermarket systems have a 1-year warranty.

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Suggested Applications

Features

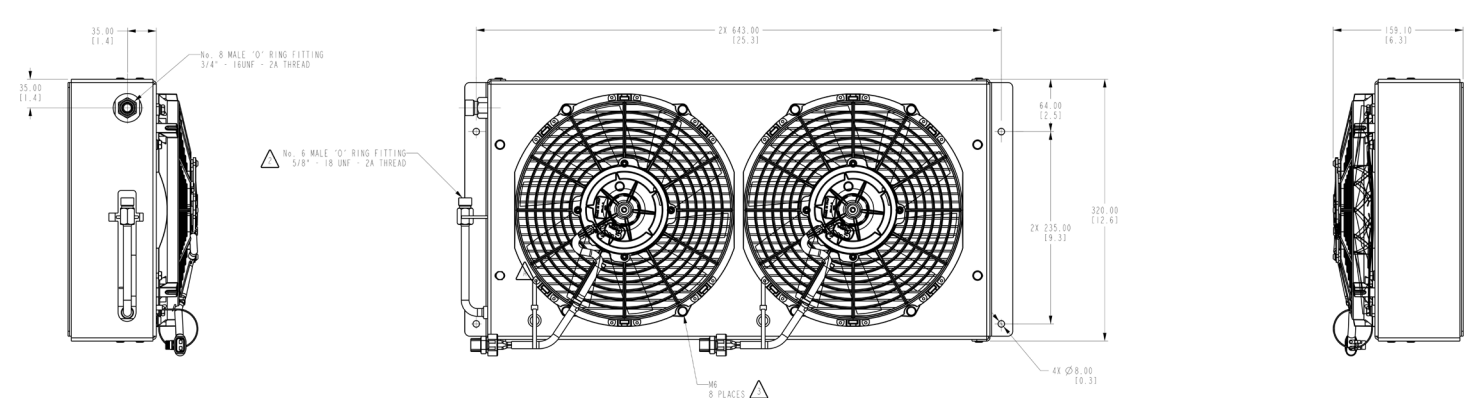
- Heavy-duty steel base construction
- Durable permanent magnet motor
- Available with or without receiver drier

Technical Specifications

Model	KC-270 12V
Voltage	12V
Capacity	32,000 BTU/hr (9,4 kW)
Amps	20 A/h
Maximum air flow	1,080 SCFM (1,84 m ³ /hr)
Dimensions (L x W x H)	30.4in x 6.3in x 12.6in (771mm x 159mm x 320mm)
Weight	20.5 lb (9,3 kg)
Mounting Position	Skirt

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Condensers

KC-270 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KC270-12 / 1002331695 KC271-12 / 1001787907	12V without receiver drier 12V with receiver drier



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Warranty
• 1-year limited warranty



Features

- Dual axial fan rooftop mount
- Heavy-duty steel base construction
- Heavy-duty tube and fin condenser coil
- Durable permanent magnet motor
- Integrated receiver drier
- Low pressure switch
- Relay

Suggested Applications



Recommended Evaporator

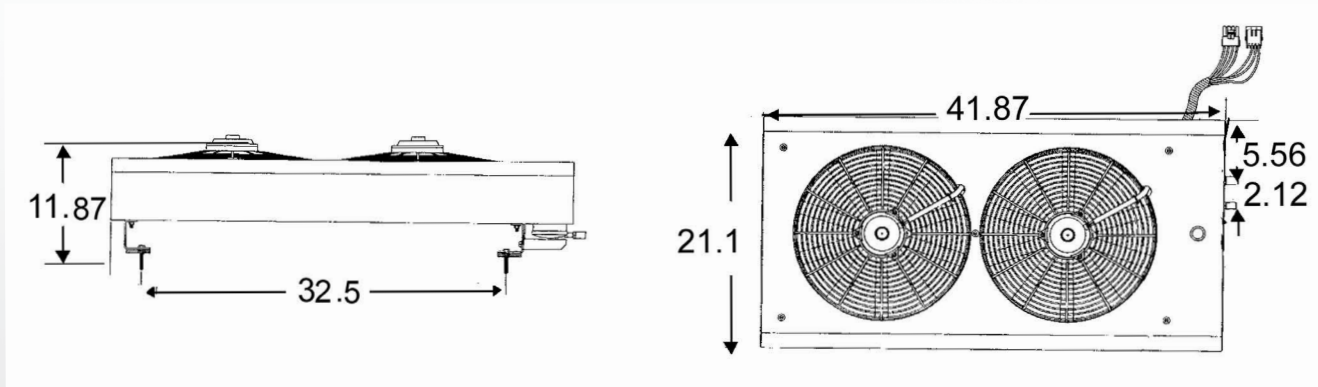
**KA-500**

Technical Specifications

Model	KC-440 12V
Voltage	12V
Capacity	54,935 BTU/hr (16,1 kW)
Amps	30 A
Maximum air flow	1,900 SCFM (3,228 m ³ /hr)
Dimensions (W x H x D)	41.87in x 11.87in x 21.1in (1063.5mm x 279.4mm x 535.9mm)
Weight	70 lb (31,8 kg)
Mounting Position	Roof
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	3/8" (#6) tube inverted male o-ring (5/8-18 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KC-440 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KC440-12 / 1001301750	12V

KC-440 Service Parts Guide

Part	Catalog / Part Number	Notes
Receiver Drier	1999226 / 1001452031	12V
Low Pressure Switch	2275011 / 1000948074	12V



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Warranty

- 1-year limited warranty



Features

- Single fan mount condenser
- Heavy-duty steel base construction
- Heavy-duty tube and fin condenser coil
- Durable permanent magnet motor

Suggested Applications



Recommended Evaporator

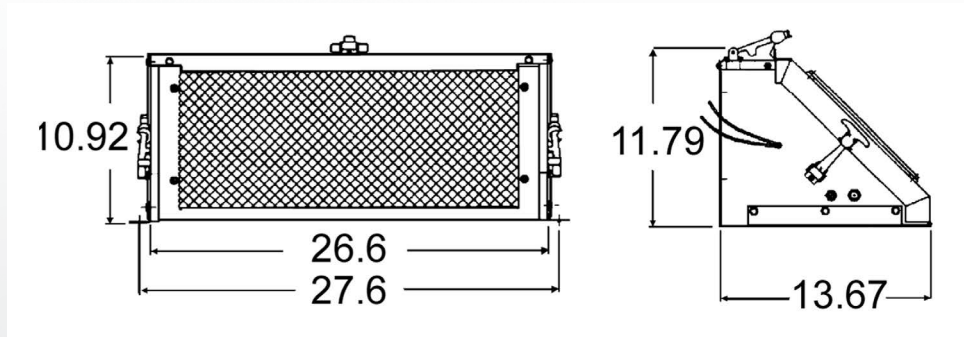
**KA-400 /
KK-400****KK-550****KA-710****Pascal A/C**

Technical Specifications

Model	KC-500 12V	KC-500 24V
Voltage	12V	24V
Capacity	30,000 BTU/hr (8,8 kW)	30,000 BTU/hr (8,8 kW)
Amps	16 A	8 A
Dimensions (W x H x D)	27.6in x 11.79in x 13.67in (701mm x 299.5mm x 347.2mm)	27.6in x 11.79in x 13.67in (701mm x 299.5mm x 347.2mm)
Weight	42 lb (19,1 kg)	42 lb (19,1 kg)
Mounting Position	Universal	Universal
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	3/8" (#6) tube inverted male o-ring (5/8-18 UNF thread)	3/8" (#6) tube inverted male o-ring (5/8-18 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KC-500 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number*	KC500-12 / 1002218122 KC500-24 / 1002217887 BSP00015COND12 / 1001193891 BSP00015COND24 / 1001193747	12V 24V 12V without receiver drier 24V without receiver drier

*Installation kit included with the system.

KC-500 Service Parts Guide

Part	Catalog / Part Number	Notes
Condenser	1575008 / B401080 1575008 / B401080	12V 24V
Condenser Fan	1275003 / B265600 1275003 / B265600	12V 24V
Motor	1075009 / B275165 1075016 / B275265	12V 24V



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Warranty

• 1-year limited warranty



Features

- Heavy-duty steel base construction
- Dual axial fan
- Universal mount condenser
- Durable permanent magnet motor
- Heavy-duty tube and fin condenser coil

Suggested Applications



Recommended Evaporator

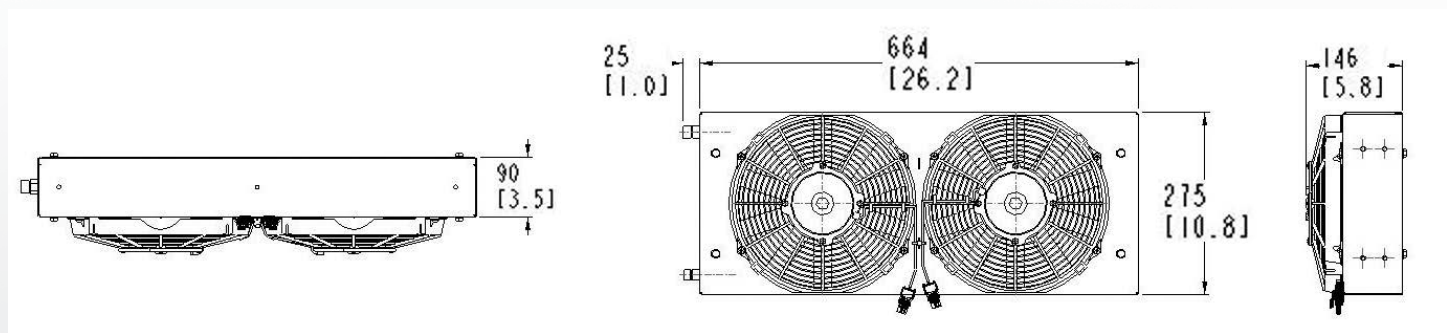
**KA-400****KA-550****Kelvin A/C or HVAC****Pascal A/C**

Technical Specifications

Model	KC-750 12V	KC-750 24V
Voltage	12V	24V
Capacity	32,075 BTU/hr (9,4 kW)	32,075 BTU/hr (9,4 kW)
Amps	20 A	10 A
Maximum air flow	1,000 SCFM (1,700 m³/hr)	1,000SCFM (1,700 m³/hr)
Dimensions (W x H x D)	26.14in x 10.83in x 5.75in (664mm x 275mm x 146mm)	26.14in x 10.83in x 5.75in (664mm x 275mm x 146mm)
Weight	13 lb (5,9 kg)	13 lb (5,9 kg)
Mounting Position	Roof or Wall	Roof or Wall
Refrigeration Inlet	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)	1/2" (#8) tube inverted male o-ring (3/4-16 UNF thread)
Refrigeration Outlet	3/8" (#6) tube inverted male o-ring (5/8-18 UNF thread)	3/8" (#6) tube inverted male o-ring (5/8-18 UNF thread)

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KC-750 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KC750-12 / 1001590157 KC750-24 / 1001590163	12V 24V

*Must order all parts for proper installation.

KC-750 Service Parts Guide

Part	Catalog / Part Number	Notes
Relay	2099009 / B222166 2099009 / B222166	12V 24V



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Warranty

- 1-year limited warranty



Features

- Maxium power dual fan skirt mount
- Heavy-duty steel base construction
- Heavy-duty tube and fin condenser coil
- Durable permanent magnet motor
- Inegrated receiver drier

Suggested Applications

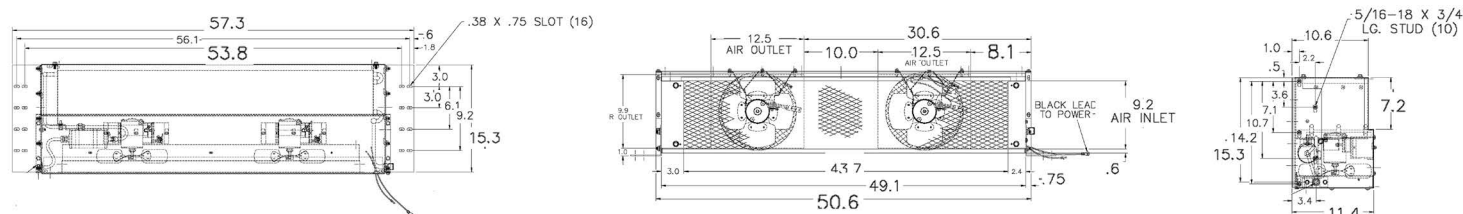


Technical Specifications

Model	KC-900 12V
Voltage	12V
Capacity	60,000 BTU/hr (17,6 kW)
Amps	26 A/h
Maximum air flow	1,431 SCFM (2,431 m³/hr)
Dimensions (W x H x D)	57.3in x 15.3in x 11.4in (1,456mm x 389mm x 290mm)
Weight	115 lbs. (52,2 kg)
Mounting Position	Skirt

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KC-900 Super Air Plus Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KC430-12 / B942046	12V

*Must order all parts for proper installation.

KC-900 Super Air Plus Service Parts Guide

Part	Catalog / Part Number	Notes
Condenser Fan	1275003 / B265600	12V
Receiver Drier	1975003 / B402618	12V
Motor	1099013 / 203168	12V



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Warranty

- 1-year limited warranty



Features

- Maxium power dual fan skirt mount
- Heavy-duty steel base construction
- Heavy-duty tube and fin condenser coil
- Durable permanent magnet motor
- Inegrated receiver drier

Suggested Applications

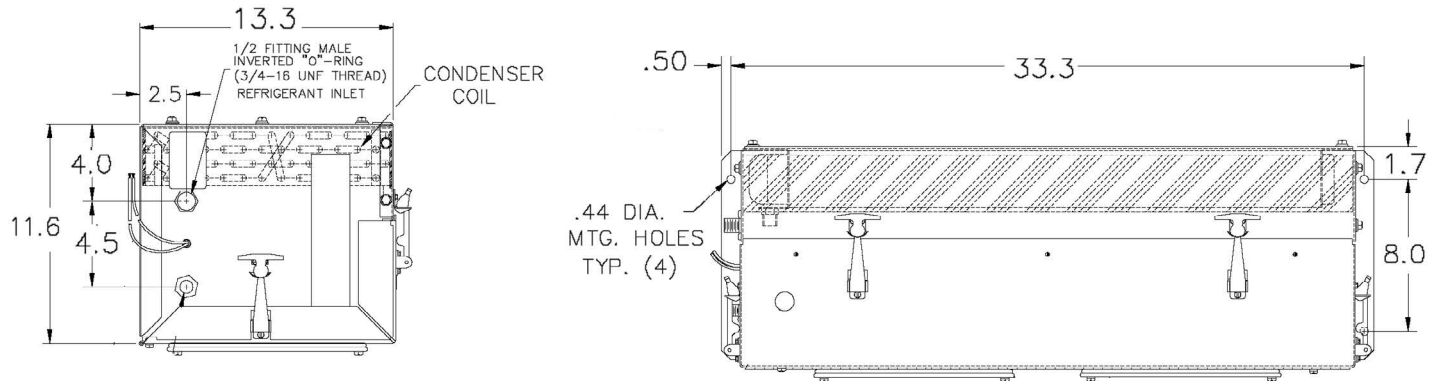


Technical Specifications

Model	KC-1000 12V	KC-1000 24V
Voltage	12V	24V
Capacity	45,000 BTU/hr (13,2 kW)	45,000 BTU/hr (13,2 kW)
Amps	25 A/h	12.5 A/h
Maximum air flow	1,600 SCFM (2,718 m³/hr)	1,000SCFM (1,700 m³/hr)
Dimensions (W x H x D)	33.3in x 11.6in x 13.3in (846mm x 295mm x 338mm)	33.3in x 11.6in x 13.3in (846mm x 295mm x 338mm)
Weight	84 lbs. (38,1 kg)	84 lbs. (38,1 kg)
Mounting Position	Roof or Skirt	Roof or Skirt

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KC-1000 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH801-24 / B942063	24V

*Must order all parts for proper installation.

KC-1000 Service Parts Guide

Part	Catalog / Part Number	Notes
Condenser Fan	1275003 / B265600	24V
Receiver Drier	1999009 / 540059	24V



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Warranty

- 1-year limited warranty

NOTES:

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Heaters

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KH-100	78
KH-150	80
KH-200	82
KH-290	84
KH-295	86
KH-300	88
KH-500	90
KH-802	92
KH-803	94
PASCAL HEATER / KH810	96
KH-900	98
KP-1000 PRESSURIZER BLOWER	100



Features

- Compact auxiliary heater
- Heavy-duty steel construction
- (1) 3-speed motor
- Internally mounted water valve

Suggested Applications

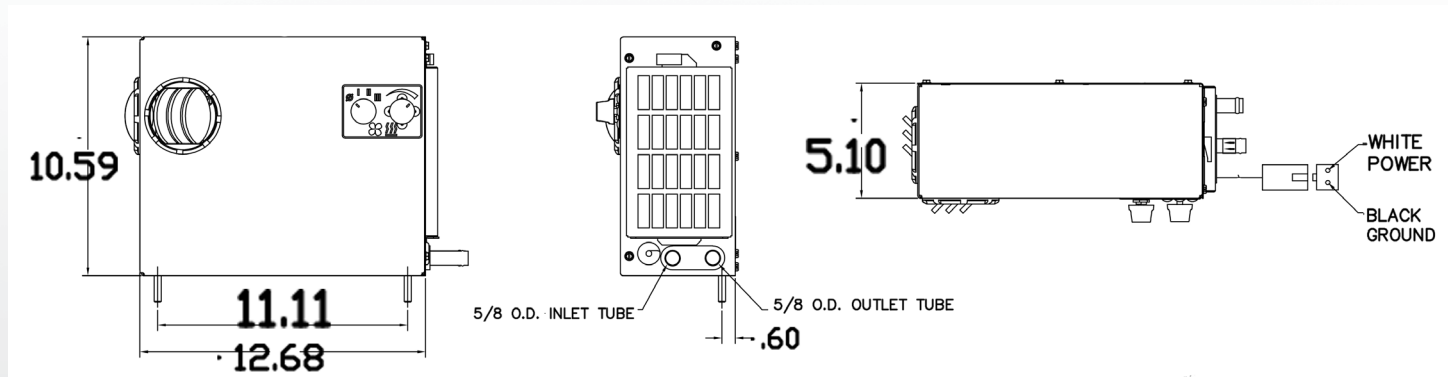


Technical Specifications

Model	KH-100 12V
Voltage	12V
Capacity	10,400 BTU/hr (3,0 kW)
Amps	3.6 A
Maximum air flow	90 SCFM (153 m³/hr)
Dimensions (W x H x D)	12.68in x 10.59in x 5.1in (322mm x 269mm x 130mm)
Weight	13 lb (5,9 kg)
Mounting Position	Floor
Tube Connection	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-100 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH100-12 / 791014	12V

KH-100 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075031 / 202270	12V
Blower Fan	1299015 / 587380	12V
Heater Coil	1799014 / 108250	12V
Filter	3199027 / 525406	12V



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Warranty

- 1-year limited warranty



Features

- Compact auxiliary heater
- Heavy-duty steel construction
- (1) 2-speed motor
- Recirculating air filter

Suggested Applications

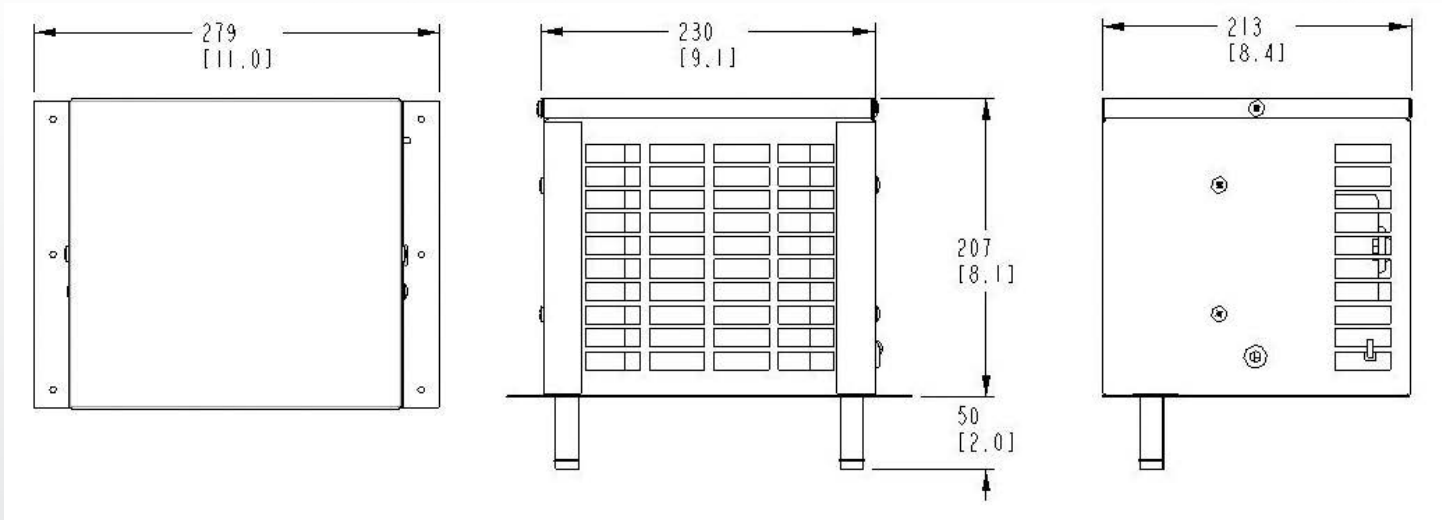


Technical Specifications

Model	KH-150 12V
Voltage	12V
Capacity	13,000 BTU/hr (3,8 kW)
Amps	3.6 A
Maximum air flow	115 SCFM (195 m ³ /hr)
Dimensions (W x H x D)	9.05in x 8.14in x 8.38in (230mm x 207mm x 213mm)
Weight	9.8 lb (4,45 kg)
Mounting Position	Floor
Tube Connection	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-150 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH150-12 / 1000258378	12V

KH-150 Service Parts Guide

Part	Catalog / Part Number	Notes
KH-150 Control Switch Kit	3475035 / B416617	
Blower Motor	1099124 / 1000132197	12V
Blower Fan	1299015 / 587380	12V
Heater Coil	1799014 / 108250	12V
Filter	3199027 / 525406	12V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty auxiliary heater
- Heavy-duty steel construction
- (1) 2-speed motor
- (2) Universal mounting brackets

Suggested Applications

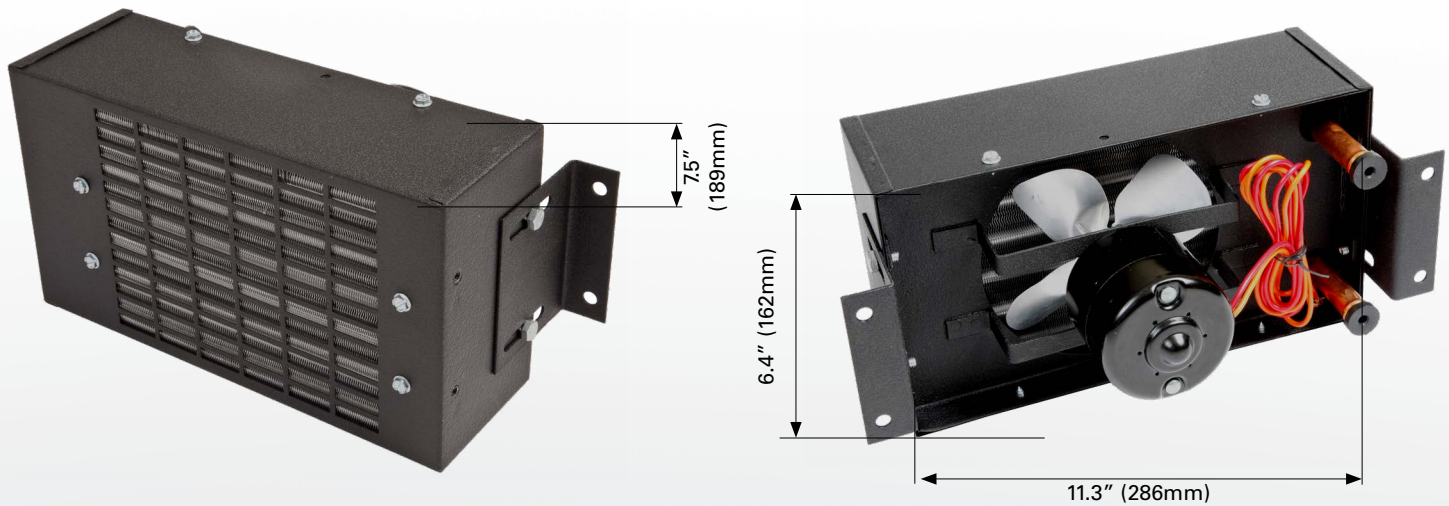


Technical Specifications

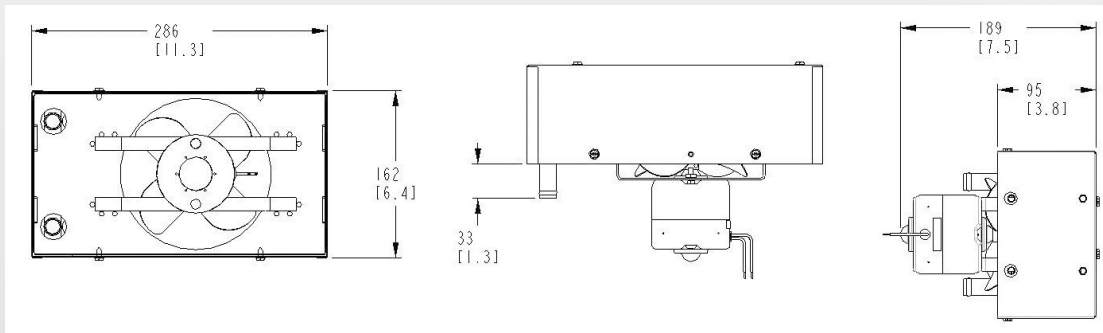
Model	KH-200 12V	KH-200 24V
Voltage	12V	24V
Power	18,360 BTU/hr (5,4 kW)	18,360 BTU/hr (5,4 kW)
Amps	1.53 A	1.5 A
Maximum air flow	145 SCFM (246 m³/hr)	145 SCFM (246 m³/hr)
Dimensions (W x H x D)	11.3in x 6.4in x 7.5in (286mm x 162mm x 189mm)	11.3in x 6.4in x 7.5in (286mm x 162mm x 189mm)
Weight	9 lbs. (4,1 kg)	9 lbs. (4,1 kg)
Mounting Position	Floor or Wall	Floor or Wall
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Measurements are listed using the U.S. system with the metric system in parenthesis.

Dimensions layout



Line Drawing



KH-200 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	1000258379 / 1000258379 1000258381 / 1000258381	12V 24V

KH-200 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075005 / 1000182193 1075006 / B274284	12V 24V
Blower Fan	1275004 / B265620 1275004 / B265620	12V 24V
Motor Guard Kit	3475034 / B416616 3475034 / B416616	12V 24V
Control Switch Kit	3475035 / B416617 3475035 / B416617	12V 24V



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Warranty

- 1-year limited warranty



Features

- Heavy-duty auxiliary heater
- Heavy-duty steel construction
- (1) 2-speed motor
- (2) Universal mounting brackets

Suggested Applications

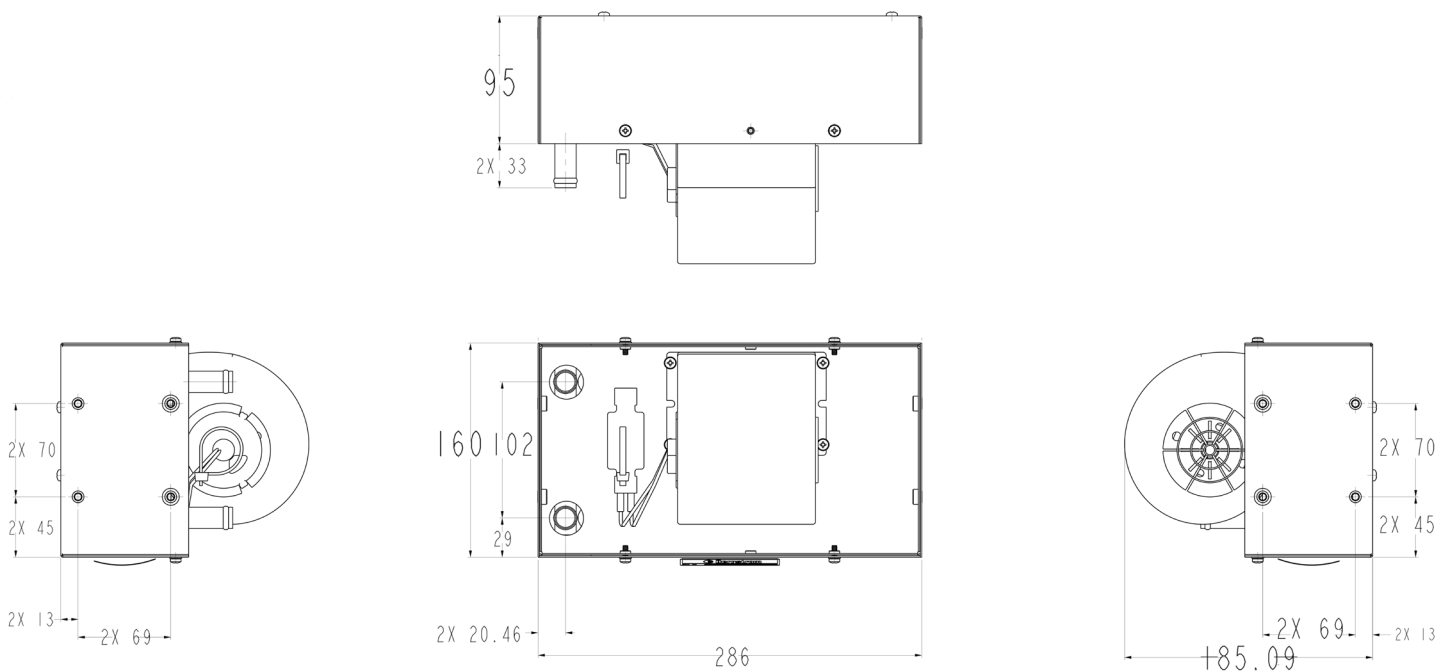


Technical Specifications

Model	KH-290 12V
Voltage	12V
Capacity	22,348 BTU/hr (6,55 kW)
Amps	8.82 A
Maximum air flow	167 SCFM (284 m ³ /hr)
Dimensions (W x H x D)	11.3in x 6.3in x 7.3in (286mm x 160mm x 185mm)
Weight	9 lb (4,1 kg)
Mounting Position	Floor
Tube Connection	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



Heaters

KH-290 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH290-12 / 1002141937	12V



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Warranty
• 1-year limited warranty



Features

- Heavy-duty auxiliary heater
- Heavy-duty steel construction
- (2) 2-speed motor
- (2) Universal mounting brackets

Suggested Applications

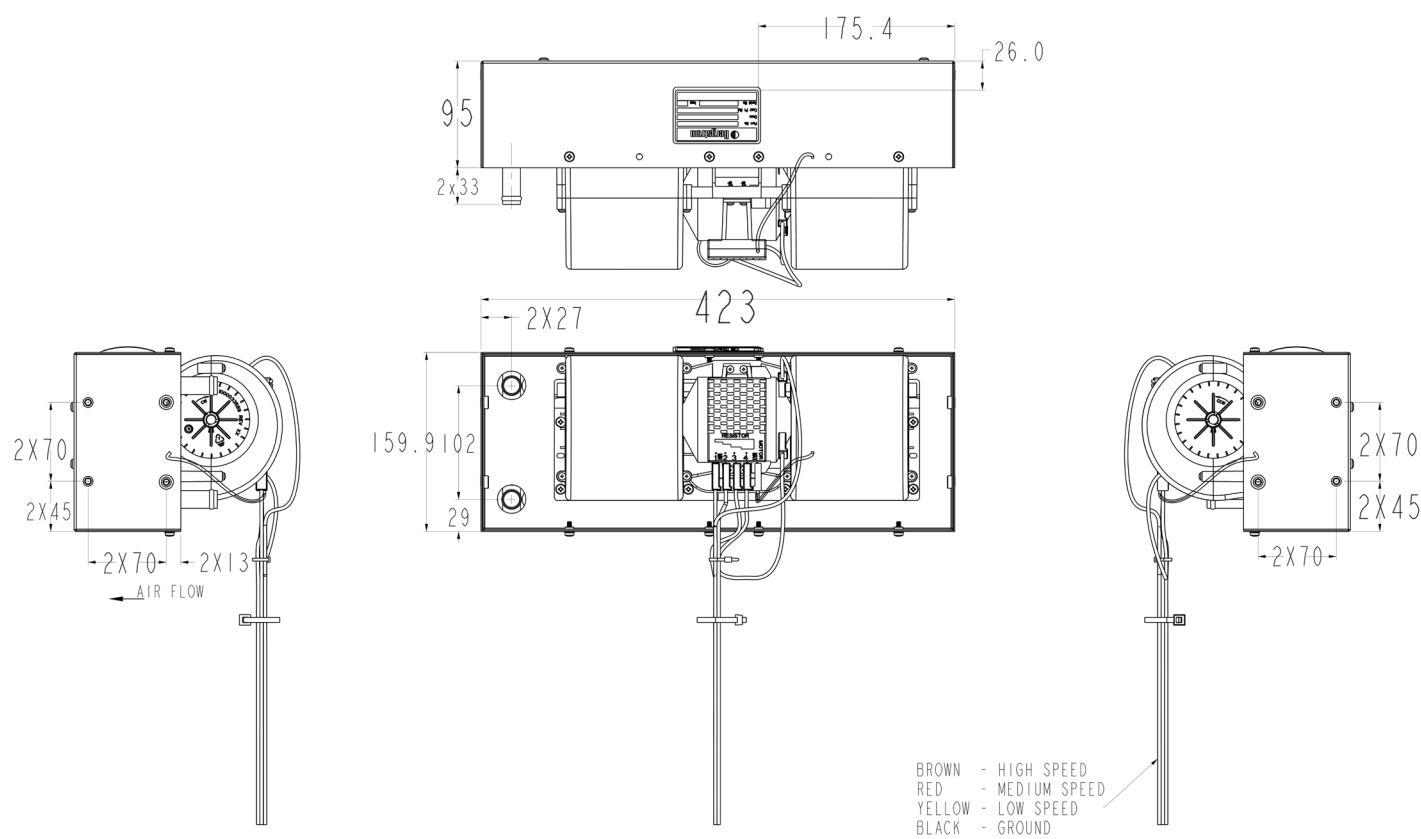


Technical Specifications

Model	KH-295 12V
Voltage	12V
Capacity	43,085 BTU/hr (12,6 kW)
Amps	27.94 A
Maximum air flow	500 SCFM (844 m³/hr)
Dimensions (W x H x D)	16.6in x 6.3in x 7.5in (423mm x 160mm x 190mm)
Weight	14 lb (6,4 kg)
Mounting Position	Floor
Tube Connection	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-295 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH295-12 / 1002560911	12V



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Warranty

- 1-year limited warranty

Features

- Heavy-duty auxiliary heater
- Heavy-duty steel construction
- (2) 2-speed motor
- (2) Universal mounting brackets



Suggested Applications



Technical Specifications

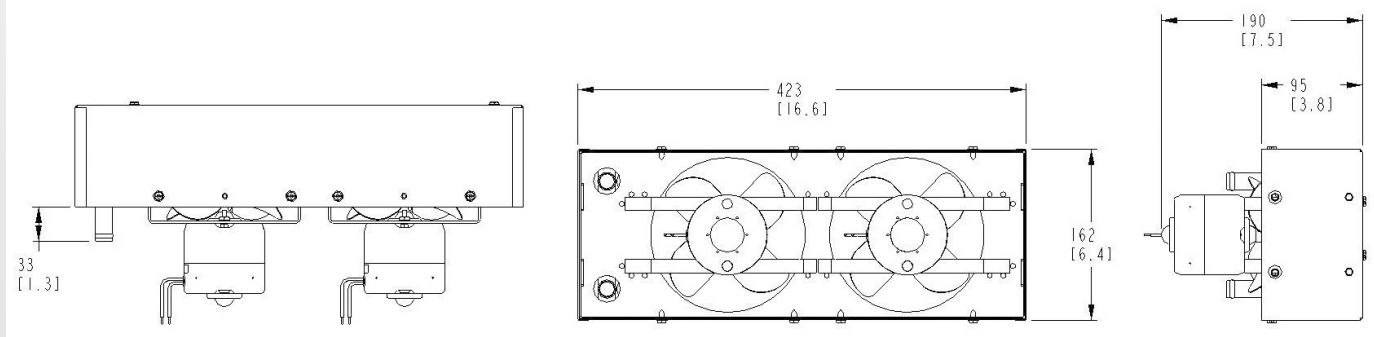
Model	KH-300 12V	KH-300 24V
Voltage	12V	24V
Power	30,0270 BTU/hr (8,8 kW)	30,027 BTU/hr (8,8 kW)
Amps	3 - 6 A	3 - 6 A
Maximum air flow	265 SCFM (450 m³/hr)	265 SCFM (450 m³/hr)
Dimensions (W x H x D)	16.6in x 6.4in x 7.5in (423mm x 162mm x 190mm)	16.6in x 6.4in x 7.5in (423mm x 162mm x 190mm)
Weight	14 lbs. (6,4 kg)	14 lbs. (6,4 kg)
Mounting Position	Floor or Wall	Floor or Wall
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Measurements are listed using the U.S. system with the metric system in parenthesis.

Dimensions layout



Line Drawing



KH-300 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	1000258382 / 1000258382 1000258383 / 1000258383	12V 24V

KH-300 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075005 / 1000182193 1075006 / B274284	12V 24V
Blower Fan	1275004 / B265620 1275004 / B265620	12V 24V
Motor Guard Kit	3475039 / B416691 3475039 / B416691	12V 24V
Control Switch Kit	3475035 / B416617 3475035 / B416617	12V 24V



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Warranty

- 1-year limited warranty

Features

- Heavy-duty steel construction
- 3-speed resistor
- Durable double wheel blower
- (4) 4" front, (2) 4" side air outlet openings and (2) optional air outlet openings on the top



Suggested Applications

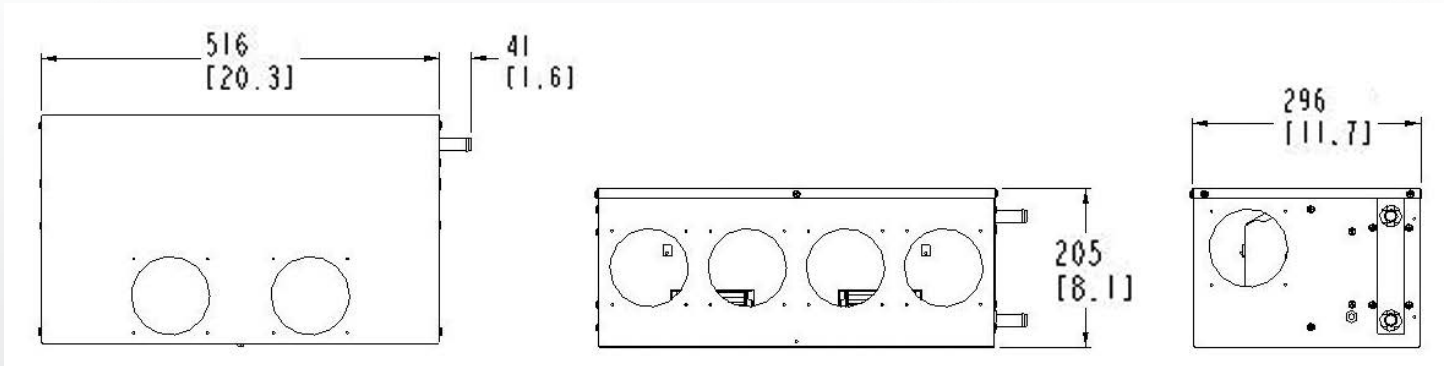


Technical Specifications

Model	KH-500 12V	KH-500 24V
Voltage	12V	24V
Capacity	52,206 BTU/hr (15,3 kW)	52,206 BTU/hr (15,3 kW)
Amps	19 A	9 A
Maximum air flow	500 SCFM (850 m³/hr)	500 SCFM (850 m³/hr)
Dimensions (W x H x D)	20.3in x 8.1in x 11.7in (516mm x 205mm x 296mm)	20.3in x 8.1in x 11.7in (516mm x 205mm x 296mm)
Weight	24 lb (10.9 kg)	24 lb (10.9 kg)
Mounting Position	Floor	Floor
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-500 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH500-12 / 1000258346 KH500-24 / 1000258348	12V 24V

KH-500 Service Parts Guide

Part	Catalog / Part Number	Notes
Blower Motor	1075044 / 519714 1075046 / 1000304979	12V 24V
Resistor	2075006 / 1000303268 2075008 / 1000303268	12V 24V
Control Switch Kit	3475059 / B417084	



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Warranty

- 1-year limited warranty



Features

- Heavy-duty steel construction
- 3-speed

Suggested Applications

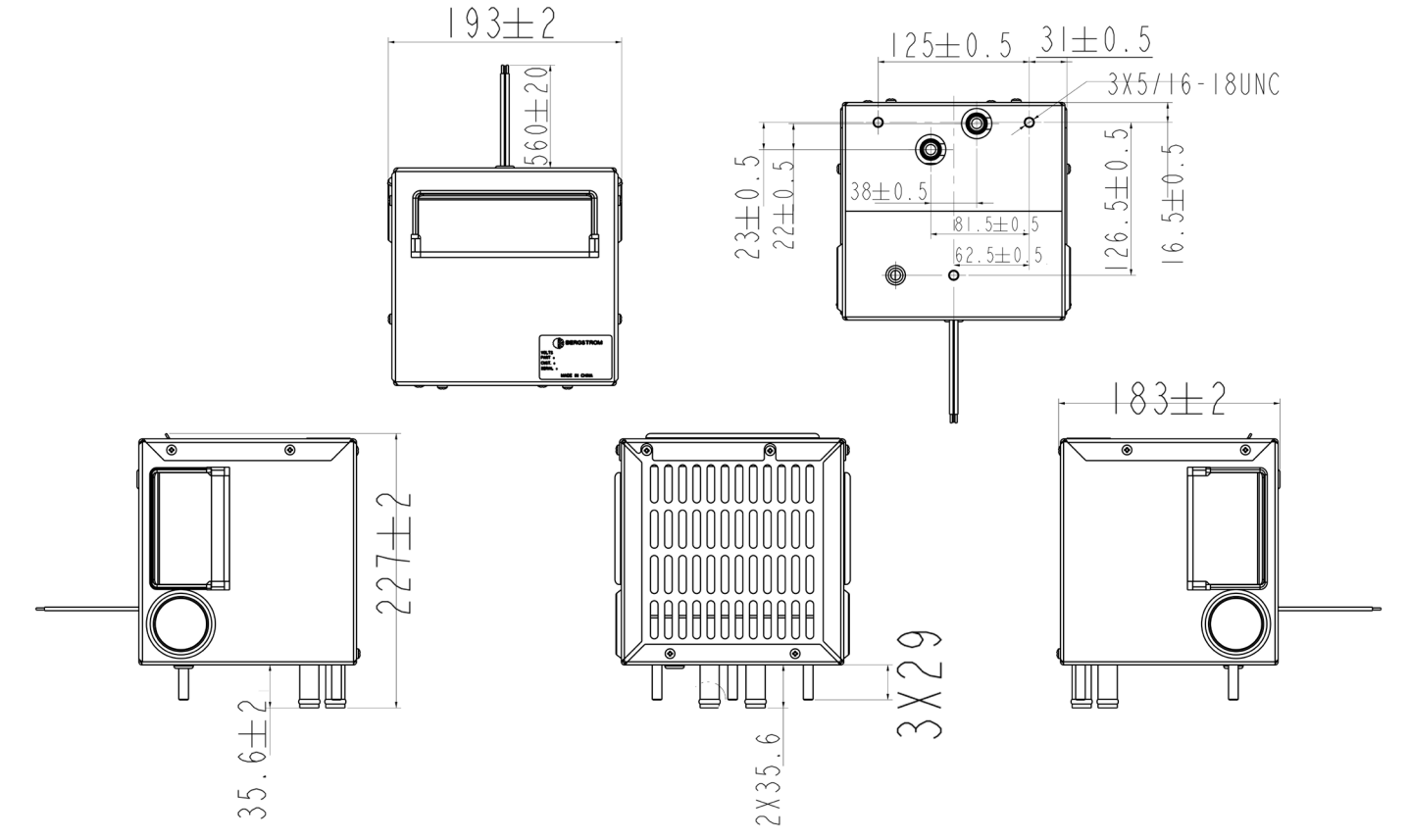


Technical Specifications

Model	KH-802 12V	KH-802 24V
Voltage	12V	24V
Capacity	12,500 BTU/hr (3,7 kW)	12,500 BTU/hr (3,7 kW)
Amps	19 A	9 A
Maximum air flow	500 SCFM (850 m³/hr)	500 SCFM (850 m³/hr)
Dimensions (W x H x D)	7.6in x 8.93in x 7.2in (193mm x 227mm x 183mm)	7.6in x 8.93in x 7.2in (193mm x 227mm x 183mm)
Weight	24 lb (10.9 kg)	24 lb (10.9 kg)
Mounting Position	Floor	Floor
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-802 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH500-12 / 1000258346 KH500-24 / 1000258348	12V 24V



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Warranty
• 1-year limited warranty



Features

- Heavy-duty steel construction
- 3-speed

Suggested Applications

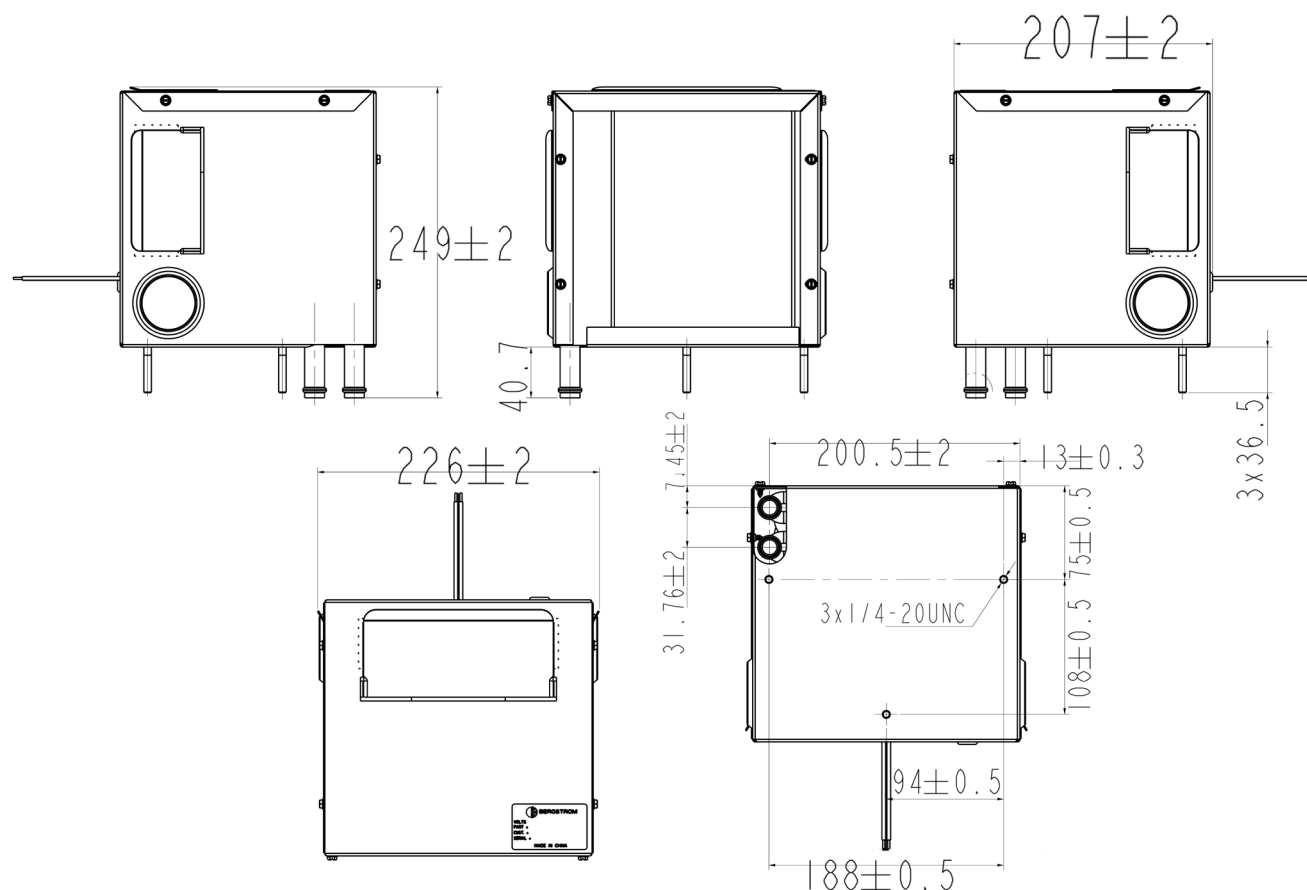


Technical Specifications

Model	KH-803 12V	KH-803 24V
Voltage	12V	24V
Capacity	25,000 BTU/hr (7,3 kW)	25,000 BTU/hr (7,3 kW)
Amps	19 A	9 A
Maximum air flow	500 SCFM (850 m³/hr)	500 SCFM (850 m³/hr)
Dimensions (W x H x D)	8.9in x 9.8in x 8.15in (226mm x 249mm x 207mm)	8.9in x 9.8in x 8.15in (226mm x 249mm x 207mm)
Weight	24 lb (10.9 kg)	24 lb (10.9 kg)
Mounting Position	Floor	Floor
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-803 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH500-12 / 1000258346 KH500-24 / 1000258348	12V 24V



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Warranty

- 1-year limited warranty



Features

- Shell constructed with molded plastic
- Integrated twin scroll blower
- 3 air outlets (spigot/louver)
- 3 fan speeds

Suggested Applications



Air Distribution Panel



Spigot



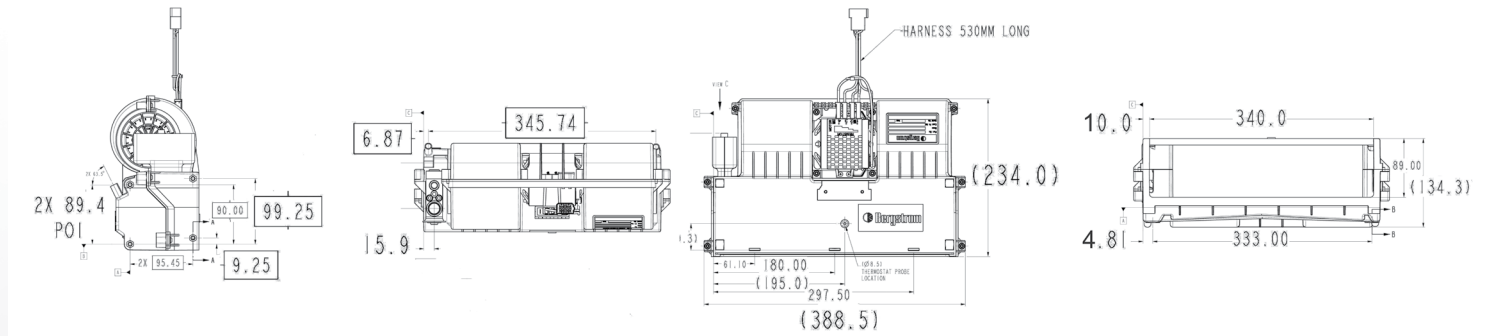
Louver

Technical Specifications

Model	Pascal 12V	Pascal 24V
Voltage	12V	24V
Capacity	25,590 BTU/hr (8,0 kW)	25,590 BTU/hr (8,0 kW)
Amps	10 A	5 A
Maximum air flow	265 SCFM (450 m³/hr)	265 SCFM (450 m³/hr)
Dimensions (L x W x H)	9.21in x 15.3in x 5.29in (234mm x 388.5mm x 134.3mm)	9.21in x 15.3in x 5.29in (234mm x 388.5mm x 134.3mm)
Weight	8.4 lb (3.8 kg)	8.4 lb (3.8 kg)
Mounting Position	Horizontal (Floor or Headliner)	Horizontal (Floor or Headliner)
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



3499060



3499055



3499062



3499061



3499057

Pascal Heater Order Guide*

Part	Catalog / Part Number	Notes
Unit Part Number	KH810-12 / 1000813400 KH810-24 / 1000814235	12V 24V
Harness	3499031 / 1001404882	4 meters of hose
Control Panel	3499045 / 1001229640 3499046 / 1001229584	Vertical Horizontal
Fascia Panel	3499055 / 1001015619 3499060 / 1001004144 3499062 / 1001161278	Three Chrome and Black Louvers Three Spigot Outlets Three Black and Black Louvers
Bracket	3499057 / 1001015620 3499061 / 1001013603	Floor/Ceiling Mount Wall/Bulkhead Mount
Condensate Kit	3499050 / 1000988616 3499051 / 1000988618	Single Side Double Side

*Must purchase one option in each category of the order guide for proper installation.

Pascal Heater Service Parts Guide

Part	Catalog / Part Number	Notes
Resistor	2099027 / 1000067312 2099027 / 1000067312	12V 24V
Water Valve	2499157 / 1000724772	24V



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Warranty

- 1-year limited warranty



Features

- Auxiliary heater
- Heavy-duty steel construction
- (2) 5/8" O.D. tube connections
- 3-speed resistor
- Stylish compact round design
- Shock mounted motor

Suggested Applications

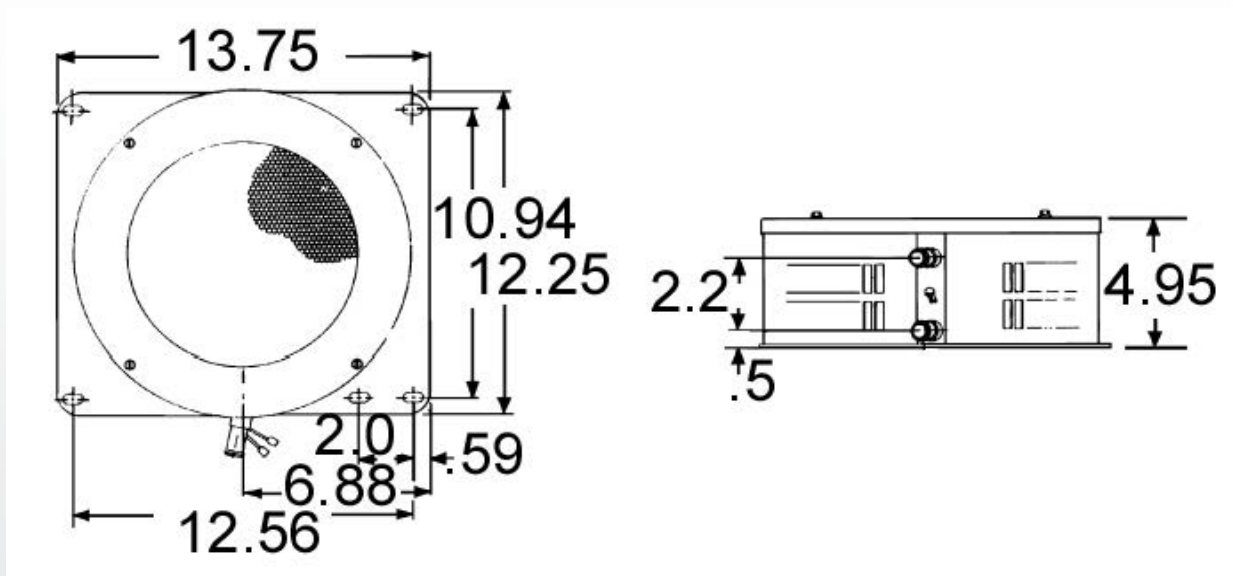


Technical Specifications

Model	KH-900 12V	KH-900 24V
Voltage	12V	24V
Capacity	30,000 BTU/hr (8,8 kW)	30,000 BTU/hr (8,8 kW)
Amps	3.6 A	1.8 A
Maximum air flow	325 SCFM (552 m³/hr)	325 SCFM (552 m³/hr)
Dimensions (W x H x D)	13.75in x 12.25in x 5in (350mm x 311mm x 127mm)	13.75in x 12.25in x 5in (350mm x 311mm x 127mm)
Weight	11.25 lb (5.1 kg)	11.25 lb (5.1 kg)
Mounting Position	Floor	Floor
Tube Connection	(2) 5/8" O.D.	(2) 5/8" O.D.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KH-900 Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	KH900-12 / B936213 KH900-24 / B936228 KH901-12 / B936055 KH901-24 / B936229	12V (Face Blower) 24V (Face Blower) 12V (Side Blower) 24V (Side Blower)



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Warranty

- 1-year limited warranty



Features

- Attaches directly to remote mount filters
- Increases pressurization capacity
- Assures a dust-free environment

Suggested Applications

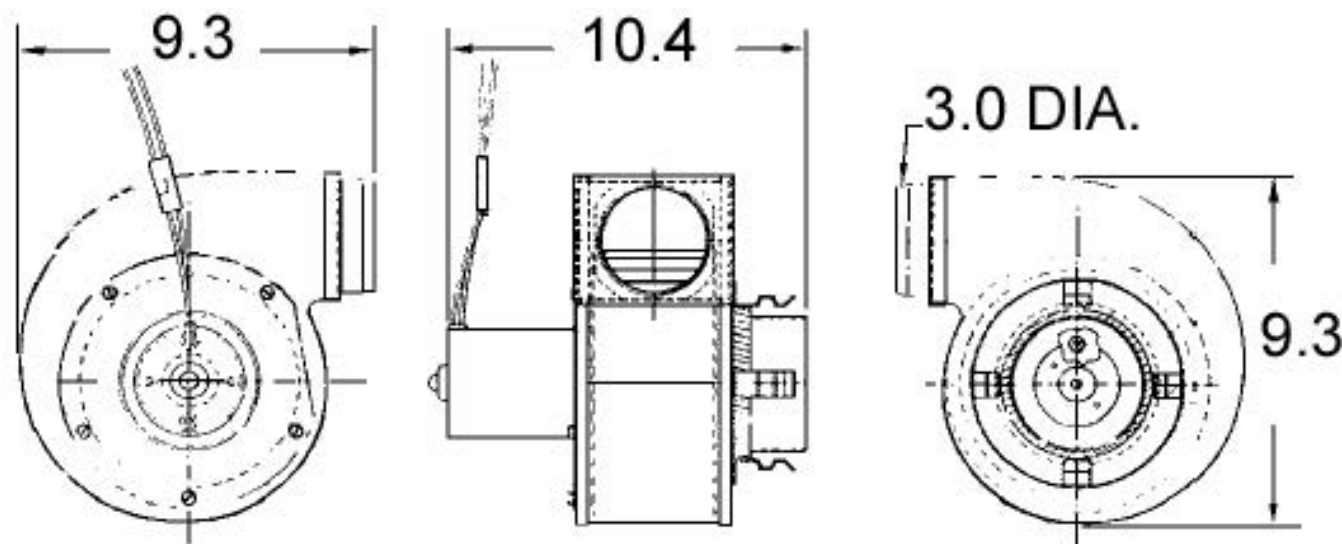


Technical Specifications

Model	KP-1000 24V
Voltage	24V
Amps	5 A
Maximum air flow	220 SCFM (374 m³/hr)
Dimensions (L x W x H)	10 1/16in x 9in x 9in (256mm x 236mm x 236mm)
Weight	8.75 lb (3,97 kg)
Mounting Position	Universal

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Line Drawing



KP-1000 Pressurizer Blower Order Guide

Part	Catalog / Part Number	Notes
Unit Part Number	3475022 / B411080	24V

Pressurizer

Attaches directly to the remote mount filters to force dust-free air into the cab through the heating and air conditioning unit. A pressurizer increases pressurization capacity to assure a dust-free environment.



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Warranty

- 1-year limited warranty

NOTES:

[illegible]

Bergstrom Electrified Systems (BES)

Bergstrom Electrified Systems has been designing and manufacturing main-Capacityed and self-contained electric air conditioning equipment for over 40 years. Combining new technology with proven rugged design makes this equipment suitable on any mining or heavy industrial application.



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All BES systems have a 1-year warranty.

Availability of the products shown in this reference guide is subject to change without notice by Bergstrom, Inc. For the most current product information please visit the Kysor distributor website at <https://shop.bergstrominc.com/>.

F-SERIES	105
FVF120 PRESSURIZER SYSTEM	106
FVV50 PRESSURIZER	108
FVV60 PRESSURIZER	110
FVV150 PRESSURIZER	112
FVW100 PRESSURIZER	114
M-SERIES	117
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MPV9 HVAC SYSTEM	120
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T-SERIES	129
TBV6 HYDRAULIC COMPRESSOR	130
TCR6 CONDENSER PACKAGE	132
TDR5 HVAC SYSTEM	134
TPR6 AC SYSTEM	136
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F-Series

The F-Series is our line of filter/pressurizers. In this series you can find anything from stand-alone self-cleaning filter packages to simple canister-like add-on filters.

We've designed the series using some of the industry's most efficient filter media available and with efficiency ratings of 99% on particle sizes 0.5 microns and above.

Filtration & Pressurization Systems

In addition to dust filters, the following options are also available:

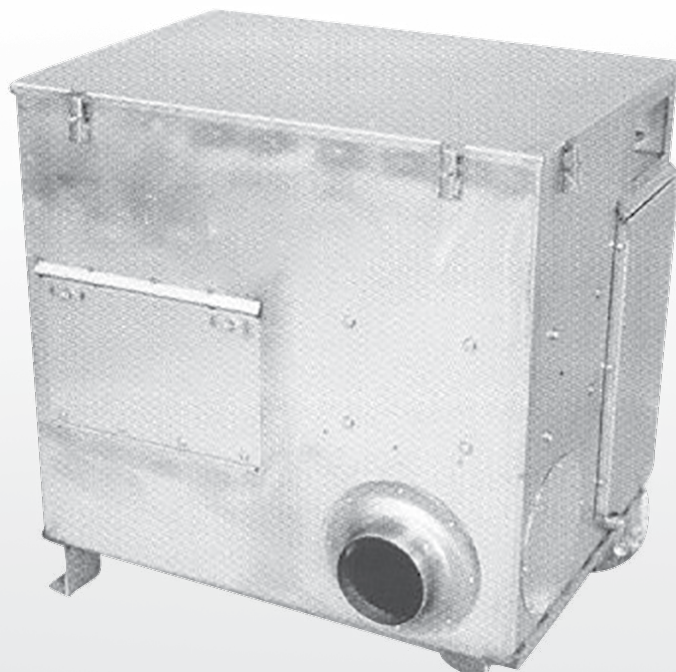
- Filters which remove gaseous contaminants often generated at industrial processing sites in enclosed spaces (such as underground mining)
- A wide range of electrical supplies to suite site availability
- Larger capacities
- New air conditioning equipment that has higher capacity in cooling, heating and also has heavily upgraded filtration systems to be compatible with higher standards of indoor air quality
- Air compressor/receiver sets to suit self-cleaning filters

Product Data & Specifications

Technical Specifications:					
Model	FVV50	FVV60	FVV150	FVW100	FVF120
Type of Unit	Pressurizer	Pressurizer	Pressurizer	Pressurizer	Pressurizer
Voltages Available V.D.C.	12 or 24	12 or 24	12 or 24	12 or 24	n/a
Voltages Available V.A.C.	n/a	115-1-50/60	115-1-50/60	115-1-50/60	115-1-50/60
Pressurizer Watts @ 24vdc	120	150	150	300	n/a
Pressurizer Watts @ 115vac	n/a	200	200	400	400
Pressurizer Airflow:					
Clear filter, 0.00" w.c. ESP	85 CFM (40 l/s)	170 CFM (80 l/s)	315 CFM (150 l/s)	365 CFM (175 l/s)	365 CFM (175 l/s)
0.25" w.c. ESP	18 CFM (9 l/s)	145 CFM (70 l/s)	235 CFM (110 l/s)	325 CFM (155 l/s)	325 CFM (155 l/s)
0.50" w.c. ESP	5 CFM (2.5 l/s)	126 CFM (60 l/s)	210 CFM (100 l/s)	285 CFM (135 l/s)	260 CFM (125 l/s)
Max. Fan Static Pressure Available	0.65" w.c.	2.5" w.c.	2.2" w.c.	5.3" w.c.	4.7" w.c.
No. of Blower / Motors	1	1	1	2	2
No. of Motor Speeds	1	1	1	1	Variable Speed
Method of Speed Change				manual	Auto Pres. Transducer
Pre-Cleaner ---Roughing	1	1	1	n/a	n/a
Pre-Filter ---- Disposable	n/a	n/a	n/a	n/a	n/a
No. of Final Filter Elements	1	1	2	1	8
Permanent Filter Size	5"Dia x 11"Lg	6.5"Dia x 14"Lg	14.5"Dia x 24"Lg	6"Dia x 13"Lg	5"Dia x 24"Lg
Type of Permanent Filter	Pleated	Pleated	Pleated	Pleated	Teflon Coated
Filter Material	Paper	Paper	Paper	Spun Polyester	Polyester Sock
Filtration Efficiency	See Note	See Note	See Note	99% @ 0.3 microns	99% @ 0.3 microns
Outlet Spigot	2.75" x 4.25"	3.63" x 3.63"	5.5" Dia.	4" Dia.	6" Dia.
Compressed Air Inlet				3/8" FPT	3/8" FPT
Compressed Air Pres. Req'd				60-100psig	60-100psig
Mounting Type	Foot	Foot	Foot	Wall	Foot
Cleaning Trigger				Adjustable Timer	Adjustable Timer
Motor External Protection	no	no	no	Circuit Breaker	Circuit Breaker
Internal Thermal Prot.	yes	yes	yes	yes	yes
Pressurizer Casing Mat'l	Painted Steel	Plastic	Stainless Steel	Stainless Steel	Stainless Steel
Weight	17 lb (7.7 kg)	21 lb (9.5 kg)	87 lb (40 kg)	100 lb (45 kg)	285 lb (130 kg)

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1" water column (w.c.) = 250 pascals



Suggested Applications



Features

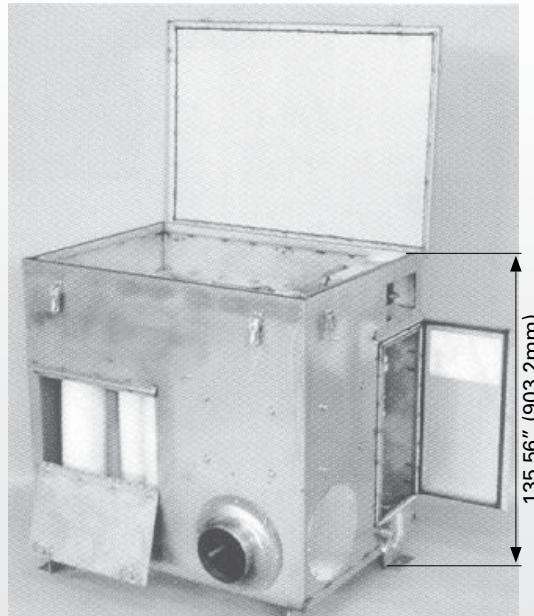
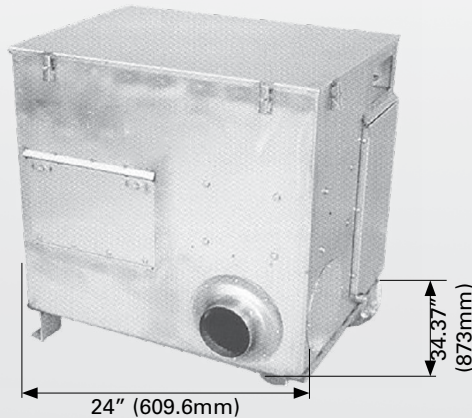
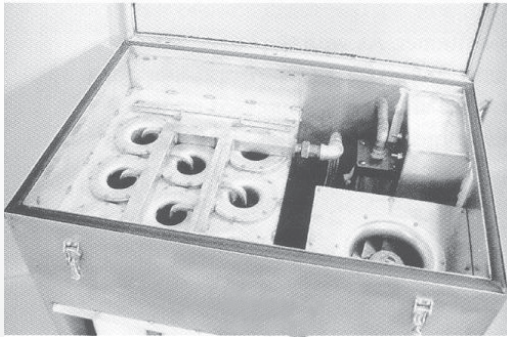
- Suitable for main-Capacityed electrical equipment
- Consists of eight teflon coated elements housed on a wire-frame structure with a venturi tube delivery
- (2) backward curved fans mounted in series to provide high static pressure capability
- Two-stage operation with the second fan coming on with drop in-room pressure alternatively
- Automatic speed control according to room pressure
- System is equipped with a receiver tank and solenoid valves for cleaning the air filtration system
- Back-flush cycle is on a variable time basis which is determined by site conditions. After a pre-set time, the fans will stop to assist the purging process with compressed air. After another time delay, fans will start up again.
- System is designed as a stand-alone device and has the capacity to have up to three air discharge outlets from its base.

Technical Specifications

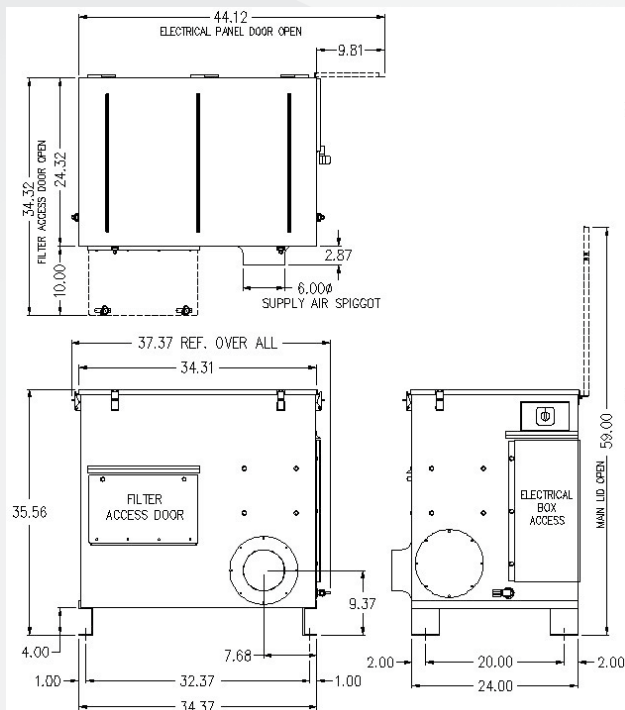
Model	FVF120 120V
Voltage	120V
Amps	3 AMPS @ 120 V.A.C. 20 AMPS @ 24 V.D.C.
Maximum air flow	365 SCFM (620 m ³ /hr)
Dimensions (L x W x H)	24in x 34.37in x 35.56in (609.6mm x 873mm x 903.2mm)
Weight	285 lb (129,3 kg)
Mounting Position	Foot

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	FVF120
Type of Unit	Filter/ Blowers
Voltages Available V.A.C.	115-1-50/60
Pressurizer Watts @ 115 V.A.C.	400
Pressurizer Airflow:	
Clear filter, 0.00" w.c. ESP	365 CFM (175 l/s)
0.25" w.c. ESP	325 CFM (155 l/s)
0.50" w.c. ESP	260 CFM (125 l/s)
Max. Fan Static Pressure Available	4.7" w.c.
No. of Blower / Motors	2
No. of Motor Speeds	Variable
Method of Speed Change	Auto Pres. Transducer
No. of Final Filter Elements	8
Permanent Filter Size	5" Dia x 24" Lg
Type of Permanent Filter	Teflon Coated
Filter Material	Polyester Stock
Filtration Efficiency	99% @ 0.3 Microns
Outlet Spigot	6" Dia.
Compressed Air Inlet	3/8" FPT
Compressed Air Pressure Required	60-100 psig
Mounting Type	Foot
Cleaning Trigger	Adjustable Timer
Motor External Protection	Circuit Breaker
Internal Thermal Protection	Yes
Pressurizer Casing Material	Stainless Steel

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1" water column w.c.) = 250 pascals



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Warranty

- 1-year limited warranty



Features

- Stand-alone pressurizer for 12 and 24VDC
- Heavy-duty steel base construction
- Suitable for well-sealed cabs and enclosures
- A welded steel base construction and durable plastic cover
- Highly resistant in many environments

Suggested Applications



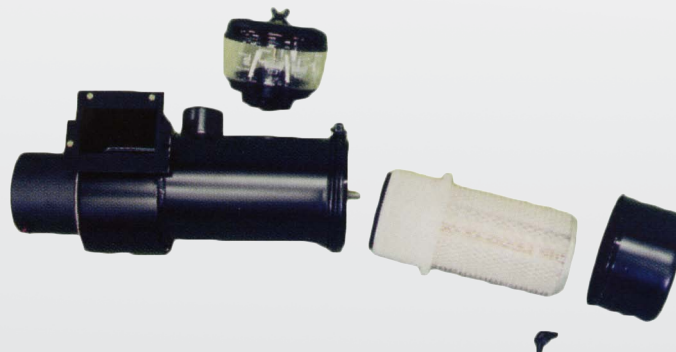
Auxillary piece for BES-series air conditioners

Technical Specifications

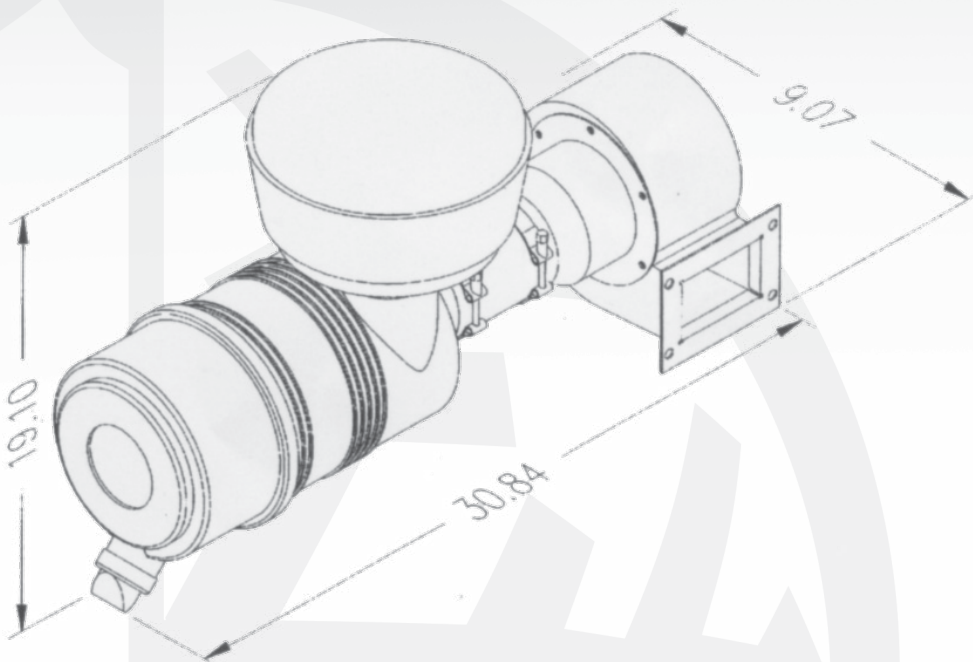
Model	FVV50 12V	FVV50 24V
Voltage	12V	24V
Amps	10 AMPS @ 12 V.D.C.	5 AMPS @ V.D.C.
Maximum air flow	85 SCFM (144 m³/hr)	85 SCFM (144 m³/hr)
Dimensions (L x W x H)	30.84in x 9.07in x 19.1in (783mm x 230mm x 485mm)	30.84in x 9.07in x 19.1in (783mm x 230mm x 485mm)
Weight	17 lb (7,7 kg)	17 lb (7,7 kg)
Mounting Position	Foot	Foot

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	FVV50
Type of Unit	Filter/Blower
Voltages Available V.D.C.	12 or 24
Pressurizer Watts @ 24 V.D.C.	120
Pressurizer Airflow:	
Clear filter, 0.00\" w.c. ESP	85 CFM (40 l/s)
0.25\" w.c. ESP	18 CFM (9 l/s)
0.50\" w.c. ESP	5 CFM (2.5 l/s)
Max. Fan Static Pressure Available	0.65\" w.c.
No. of Blower / Motors	1
No. of Motor Speeds	1
Pre-Cleaner	1
---Roughing	1
No. of Final Filter Elements	1
Permanent Filter Size	5\" Dia x 11\" Lg
Type of Permanent Filter	Pleated
Filter Material	Paper
Filtration Efficiency	See Note
Outlet Spigot	2.75\" x 4.25\"
Mounting Type	Foot
Motor External Protection	No
Internal Thermal Protection	Yes
Pressurizer Casing Material	Painted Steel

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1\" water column (w.c.) = 250 pascals

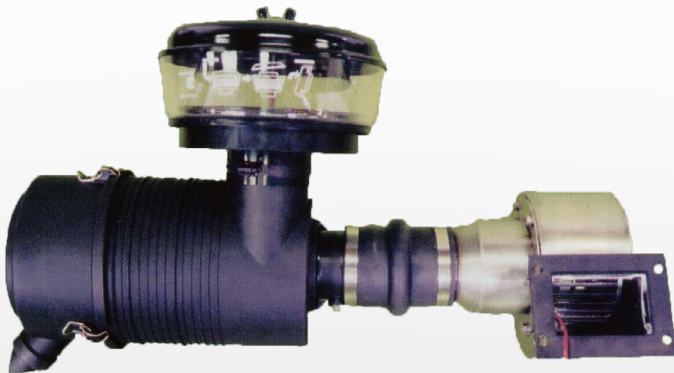


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Warranty

- 1-year limited warranty



Features

- Suitable for well-sealed cabs and enclosures
- Heavy-duty steel base construction
- Durable cover, highly resistant in many environments
- Canister is flexible so it can be relocated to a remote site
- Plastic filter housing

Suggested Applications



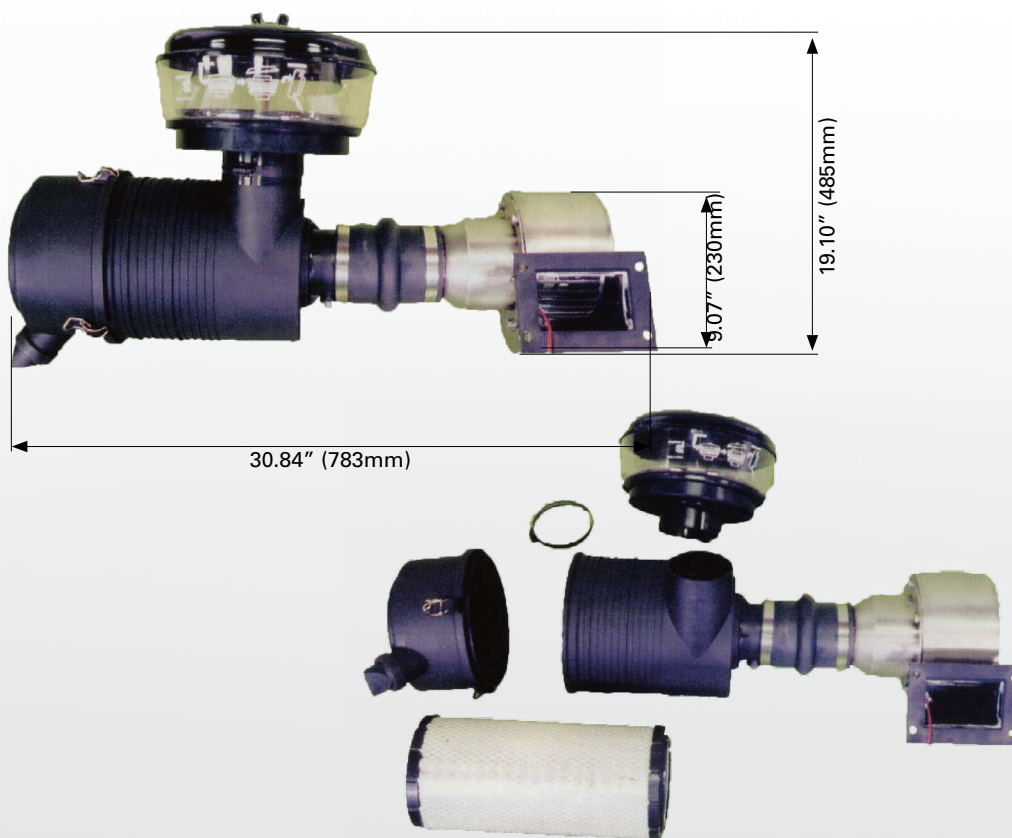
Auxillary piece for BES-series
air conditioners

Technical Specifications

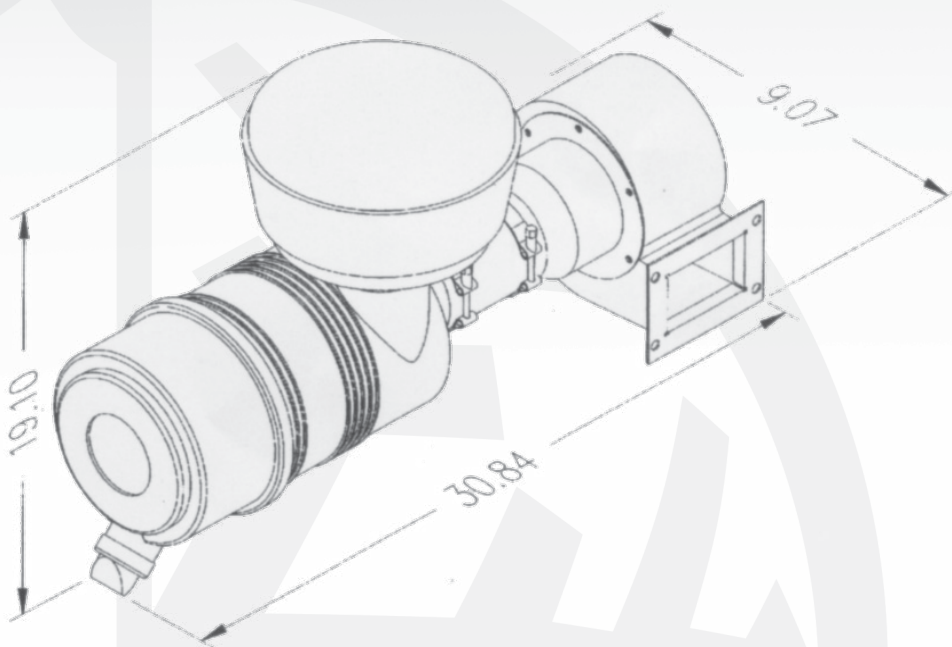
Model	FVV650 12V	FVV60 24V
Voltage	12V	24V
Amps	10 AMPS @ 12 V.D.C.	5 AMPS @ 24 V.D.C.
Maximum air flow	170 SCFM (289 m³/hr)	170 SCFM (289 m³/hr)
Dimensions (L x W x H)	30.84in x 9.07in x 19.1in (783mm x 230mm x 485mm)	30.84in x 9.07in x 19.1in (783mm x 230mm x 485mm)
Weight	21 lb (9,5 kg)	21 lb (9,5 kg)
Mounting Position	Foot	Foot

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	FVV60
Type of Unit	Filter/Blower
Voltages Available V.D.C.	12 or 24
Voltages Available V.A.C.	115-1-50/60
Pressurizer Watts @ 24 V.D.C.	150
Pressurizer Watts @ 115 V.A.C.	200
Pressurizer Airflow:	
Clear filter, 0.00" w.c. ESP	170 CFM (80 l/s)
0.25" w.c. ESP	145 CFM (70 l/s)
0.50" w.c. ESP	126 CFM (60 l/s)
Max. Fan Static Pressure Available	2.55" w.c.
No. of Blower / Motors	1
No. of Motor Speeds	1
Pre-Cleaner	1
---Roughing	
No. of Final Filter Elements	1
Permanent Filter Size	6.5" Dia x 14" Lg
Type of Permanent Filter	Pleated
Filter Material	Paper
Filtration Efficiency	See Note
Outlet Spigot	3.63" x 3.63"
Mounting Type	Foot
Motor External Protection	No
Internal Thermal Protection	Yes
Pressurizer Casing Material	Plastic

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1" water column (w.c.) = 250 pascals



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Warranty

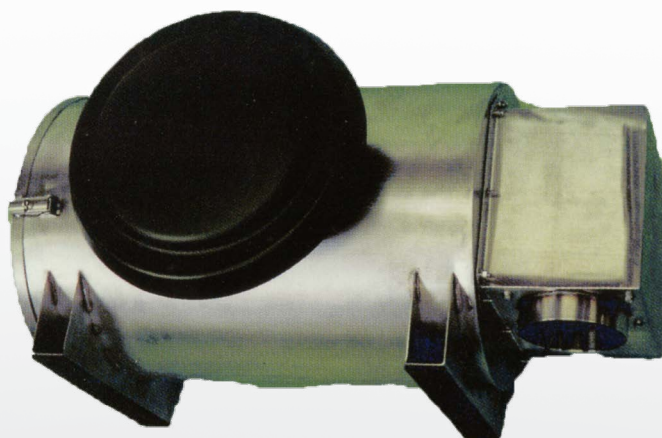
- 1-year limited warranty



NAME

FVV150 PRESSURIZER

VOLTS

12**24**DESCRIPTION
**Bergstrom
Electrified
System**

Features

- Suitable for well-sealed cabs and enclosures
- Heavy-duty steel base construction
- Durable cover, highly resistant in many environments
- Large filters that require manual cleaning
- Suitable for very dusty applications with extended intervals between cleaning
- Safety filter included
- System is available in AC or D/C configurations

Suggested Applications

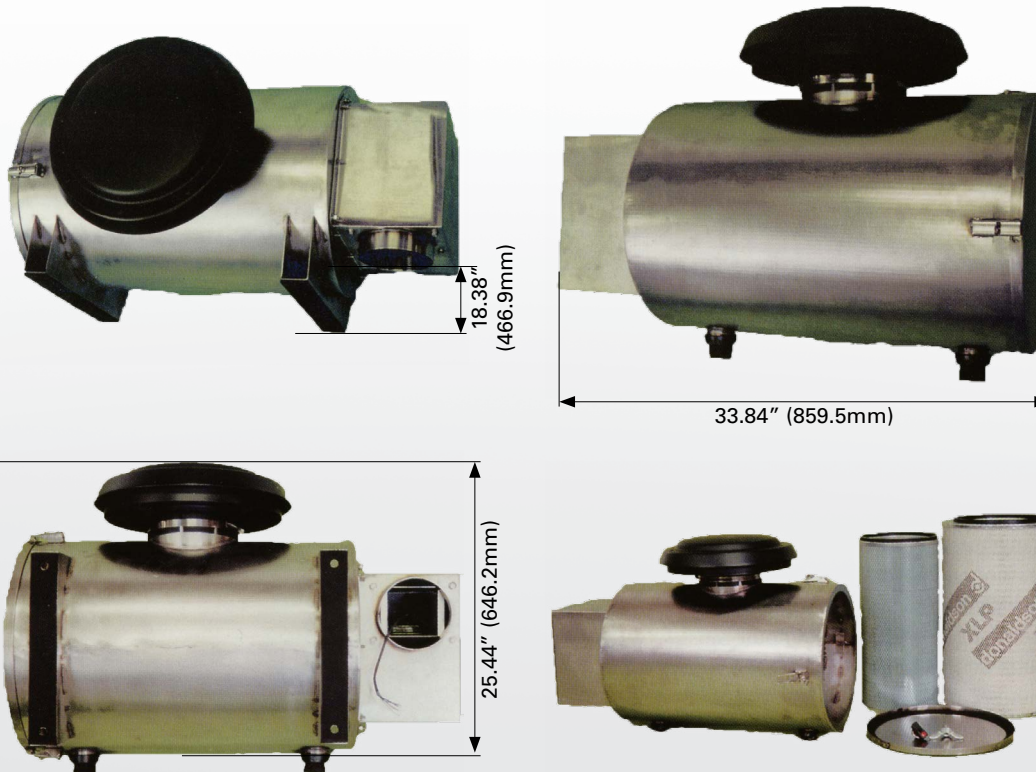


Technical Specifications

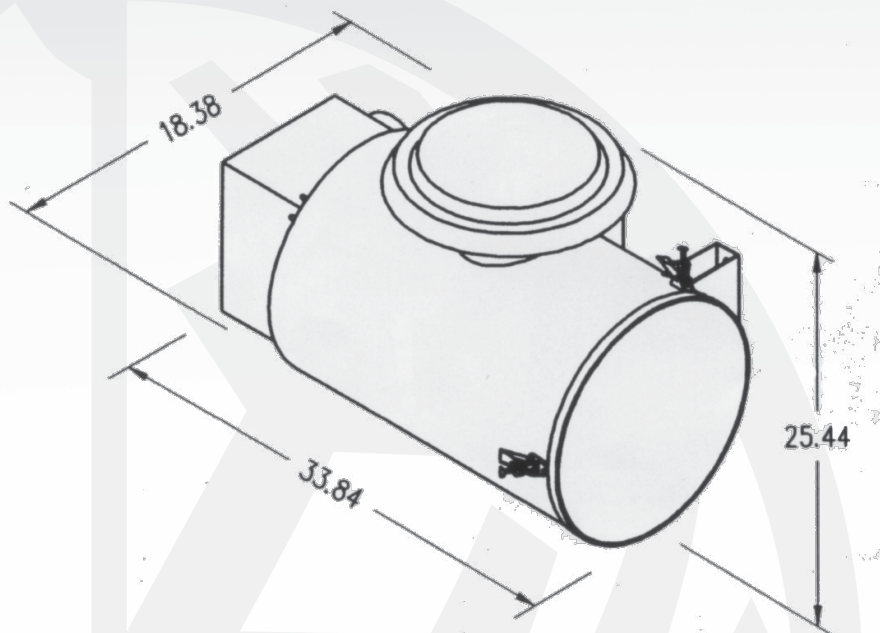
Model	FVV150 12V	FVV150 24V
Voltage	12V	24V
Amps	14 AMPS @ 12 V.D.C.	7 AMPS @ 24 V.D.C.
Maximum air flow	315 SCFM (535 m ³ /hr)	315 SCFM (535 m ³ /hr)
Dimensions (L x W x H)	33.84in x 18.38in x 25.44in (859.5mm x 466.9mm x 646.2mm)	33.84in x 18.38in x 25.44in (859.5mm x 466.9mm x 646.2mm)
Weight	88.2 lb (40 kg)	88.2 lb (40 kg)
Mounting Position	Foot	Foot

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	FVV150
Type of Unit	Filter/Blower
Voltages Available V.D.C.	12 or 24
Voltages Available V.A.C.	115-1-50/60
Pressurizer Watts @ 24v V.D.C.	150
Pressurizer Watts @ 115V.A.C.	200
Pressurizer Airflow:	
Clear filter, 0.00" w.c. ESP	315 CFM (150 l/s)
0.25" w.c. ESP	235 CFM (110 l/s)
0.50" w.c. ESP	210 CFM (100 l/s)
Max. Fan Static Pressure Available	2.2" w.c.
No. of Blower / Motors	1
No. of Motor Speeds	1
Pre-Cleaner	1
---Roughing	
No. of Final Filter Elements	2
Permanent Filter Size	14.5" Dia x 24" Lg
Type of Permanent Filter	Pleated
Filter Material	Paper
Filtration Efficiency	See Note
Outlet Spigot	5.5" Dia.
Mounting Type	Foot
Motor External Protection	No
Internal Thermal Protection	Yes
Pressurizer Casing Material	Stainless Steel

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1" water column (w.c.) = 250 pascals

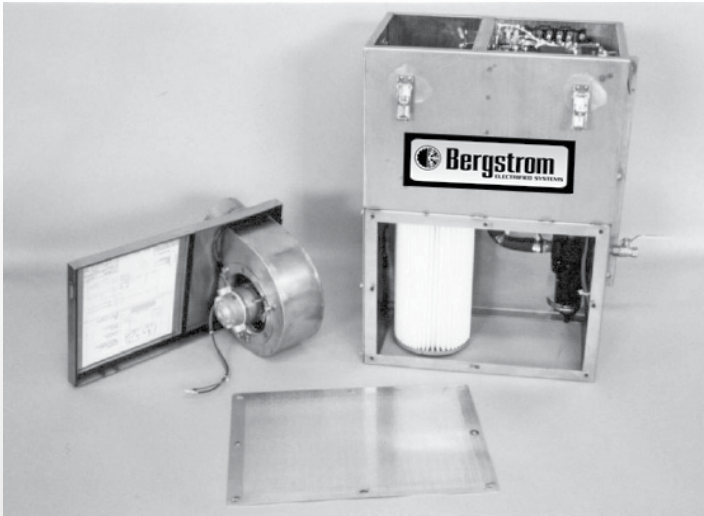


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Warranty

- 1-year limited warranty



Features

- Stainless steel construction
- Impact resistant cover
- Highly efficient and washable filter
- (2) fans mounted in series to provide high static pressure capability
- Designed for use in cabs and enclosures of typically heavy diesel driven machinery where compressed air source is available
- Fan cycle times are adjustable to suit site conditions.
- Available in 24VDC or 120VAC voltages

Suggested Applications

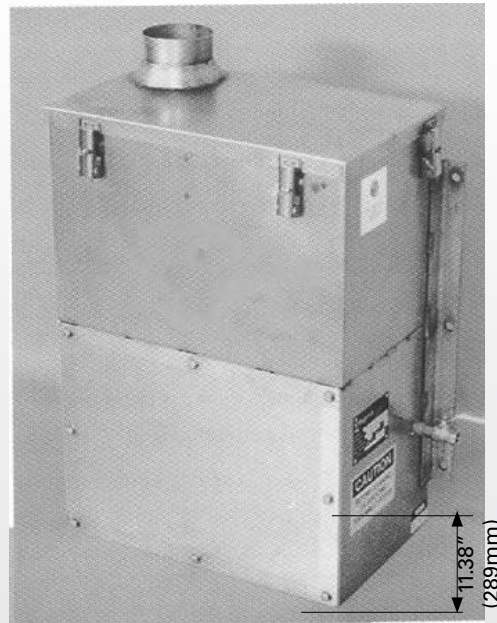
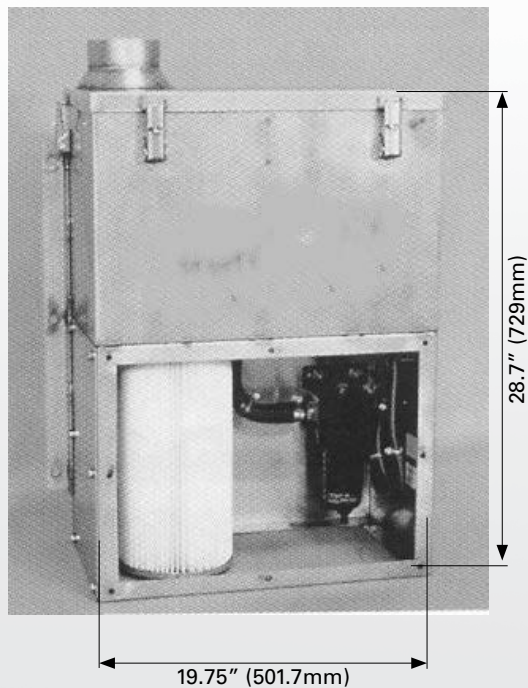


Technical Specifications

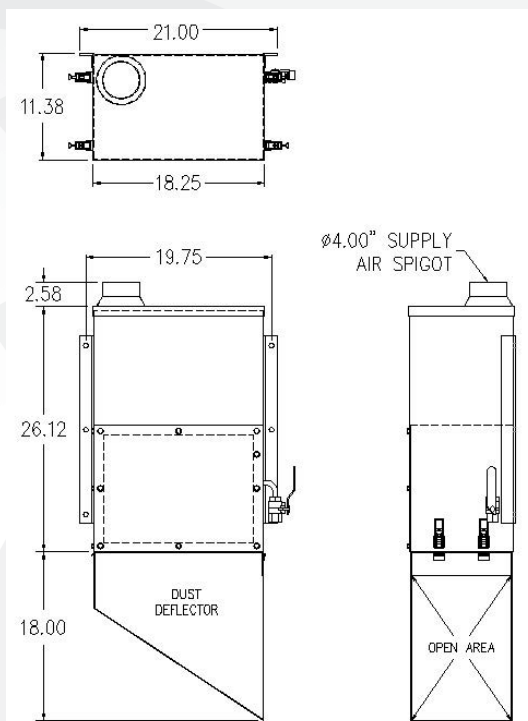
Model	FVW100 120V	FVW100 24V
Voltage	12V	24V
Amps	3 AMPS @ 120 V.A.C	7 AMPS @ 24 V.D.C.
Maximum air flow	365 SCFM (620 m³/hr)	365 SCFM (620 m³/hr)
Dimensions (W x H x D)	19.75in x 28.7in x 11.38in (501.7mm x 729mm x 289mm)	19.75in x 28.7in x 11.38in (501.7mm x 729mm x 289mm)
Weight	100 lb (45,5 kg)	100 lb (45,5 kg)
Mounting Position	Wall	Wall

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	FVW100
Type of Unit	Filter/ Blowers
Voltages Available V.D.C.	12 or 24
Voltages Available V.A.C.	115-1-50/60
Pressurizer Watts @ 24 V.D.C.	300
Pressurizer Watts @ 115 V.A.C.	400
Pressurizer Airflow:	
Clear filter, 0.00" w.c. ESP	365 CFM (175 l/s)
0.25" w.c. ESP	325 CFM (155 l/s)
0.50" w.c. ESP	285 CFM (135 l/s)
Max. Fan Static Pressure Available	5.3" w.c.
No. of Blower / Motors	2
No. of Motor Speeds	1
Method of Speed Change	Manual
No. of Final Filter Elements	1
Permanent Filter Size	6" Dia x 13" Lg
Type of Permanent Filter	Pleated
Filter Material	Spun Polyester
Filtration Efficiency	99% @ 0.3 Microns
Outlet Spigot	4" Dia.
Compressed Air Inlet	3/8" FPT
Compressed Air Pressure Required	60-100 psig
Mounting Type	Wall
Cleaning Trigger	Adjustable Timer
Motor External Protection	Circuit Breaker
Internal Thermal Protection	Yes
Pressurizer Casing Material	Stainless Steel

Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.

Note #2: 1" water column (w.c.) = 250 pascals



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Warranty

- 1-year limited warranty

M-Series

The multipurpose M-Series is designed to be used on larger cabs where 3-phase electrical Capacity is available, such as draglines, drills, crane cabs and shovels. These are the largest systems in the Bergstrom line and are available in capacities of 18,000 BTU/hr to 54,000 BTU/hr. Various voltages are available.

Available Capacity Options:

- 208-230/1/60
- 200-230/3/60
- 200-220/3/50
- 380-415/3/50
- 460/3/60
- 460/3/50
- 575/3/60

A variety of control voltages also available

Special Options:

- Coated Coils
- Alternative High Ambient Refrigerants

Product Data & Specifications

Technical Specifications:							
Model		MPV5		MPV9		BES2400	
Cooling Capacity		18,000 btu/hr	(5,2 kW)	31,000 btu/hr	(8,9 kW)	24,000 BTU/hr (7 kW)	
Heating Capacity		34,000 btu/hr	(10,0 kW)	41,000 btu/hr	(12,0 kW)	20,450 BTU/hr (6kW)	
Heating Stages		two		two			
Airflow - High Speed		600 CFM	(280 l/s)	1300 CFM	(610 l/s)		
Airflow - Low Speed		500 CFM	(240 l/s)	870 CFM	(410 l/s)	600 CFM	(1,019 m³/hr)
Weight		540 lbs	(245 kg)	1300 lbs	(590 kg)	208 lbs	(110 kg)
CompressorType		scroll		scroll			
Number of Cylinders		n/a		n/a			
Pressurization		120 CFM	(56 l/s)	120 CFM	(56 l/s)		
Controls		110 V.A.C.		110 V.A.C.			
Motor Protection		Circuit Breaker		Circuit Breaker			
		Thermal Overload		Thermal Overload			
Compr. Capacity Control		none		none			
Condenser Fan		1 speed		1 speed			
Refrigerant Metering		TXV		TXV			
Thermostat-Electronic 5 Stage		Standard		Standard			

Rating Conditions: Cooling Capacity - Indoor 80°F DB/67°F WB with Outdoor 110°F DB/60°F WB

Heating Capacity @ Rated Voltage

For capacities at ARI Std. 210 conditions of cooling capacity, with Indoor 80°F DB/67°F WB and Outdoor 95°F DB/75°F WB add approximately 75% to rated capacity.

Above Spec based on 460/30/60 versions heating and cooling, capacities may vary depending on supplied voltage.



Features

- Heavy gauge stainless steel construction
- Designed for smaller mining cabs and industrial equipment
- Easy installation
- Quiet and efficient scroll compressors
- Two-stage electric heat
- Positively pressurized electrical cubicle to keep dust and water out
- 5-stage electronic thermostat with remote control for operator comfort
- Compatible with new automatic cleaning pressurizer

Suggested Applications



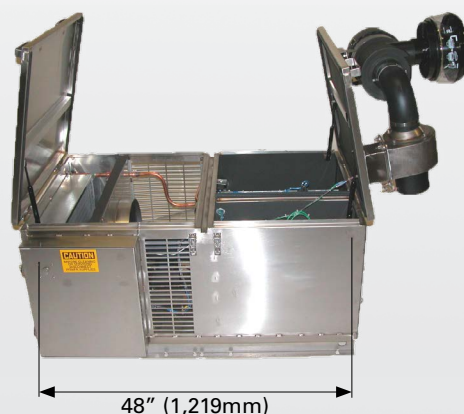
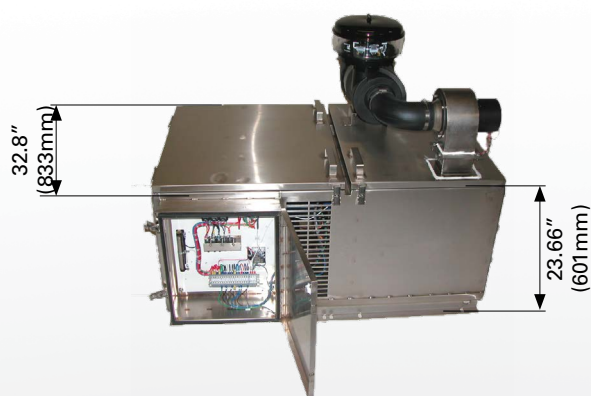
Technical Specifications

Model	MPV5
Capacity*	Cooling: 18,000 BTU/hr (5,3 kW) Heating: 34,000 BTU/hr (10,0 kW)
Amps	20 AMPS @ 460/3/60
Maximum air flow	High: 600 SCFM (1,019 m ³ /hr) Low: 500 SCFM (850 m ³ /hr)
Dimensions (L x W x H)	48in x 32.8in x 23.66in (1,219mm x 833mm x 601mm)
Weight	540 lb (244,9 kg)
Mounting Position	Rooftop, Walkway or Deck

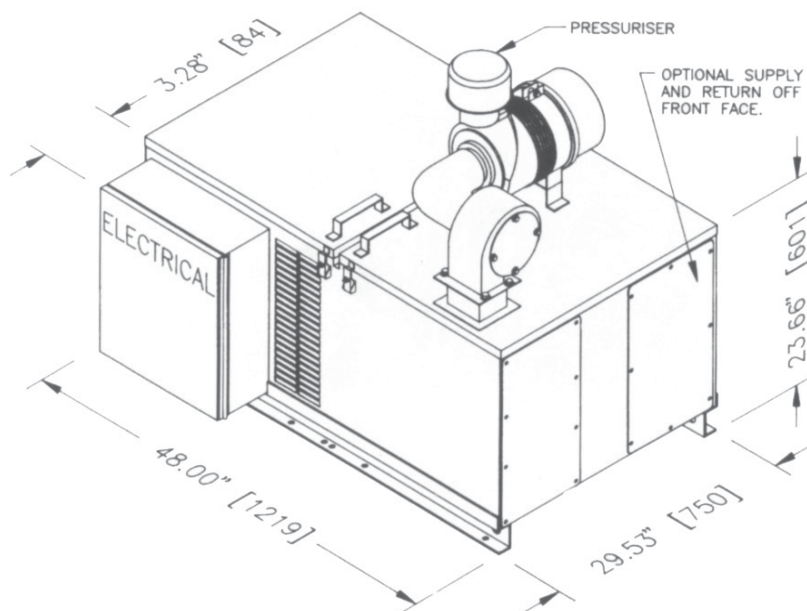
(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



Model Specifications:	MPV5
Cooling Capacity	18,000 BTU/hr (5,2 kw)
Heating Capacity	34,000 BTU/hr (10,0 kw)
Heating Stages	2
Airflow - High Speed	600 CFM (280 l/s)
Airflow - Low Speed	500 CFM (240 l/s)
Compressor Type	Scroll
Pressurization	120 CFM (56 l/s)
Controls	110 VAC
Motor Protection	Circuit Breaker Thermal Overload
Compressor Capacity Control	None
Condenser Fan	1-Speed
Refrigerant Metering	TXV
Thermostat	Standard
- Electronic 5-stage	

Rating Conditions: Cooling Capacity
- Indoor 80°F DB/67°F WB with
Outdoor 110°F DB/60°F WB
Heating Capacity @ Rated Voltage

For capacities at ARI Std. 210 conditions of cooling capacity with 80°F DB/67°F WB and Outdoor 95°F DB/75°F WB add approximately 7.5% to rated capacity.

Above spec based on 460/30/60 versions of heating and cooling, capacities may vary depending on supplied voltage.



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Warranty

- 1-year limited warranty



Suggested Applications



Features

- Heavy gauge stainless steel construction
- Triple-gasketed evaporator cover to eliminate dust and water ingress
- Positively pressurized electrical cubicle to keep dust and water out
- Very easy to service and keep clean
- Quiet operation with large scroll compressor
- Higher capacity to handle increased cooling and heating loads due to increases in amounts of air pressurization
- Head pressure control for cooler climate operations without sacrificing performances in hot locations
- No pre-cleaner required since pressurizer intake is from condenser fan intake
- Capacity controls to enhance operation over a wide temperature range
- 5-stage electronic thermostat with remote control for operator comfort
- Compatible with new automatic cleaning pressurizer
- Several Capacity options available

Technical Specifications

Model	MPV9
Capacity*	Cold: 30,369 BTU/hr (8,9 kW) Hot: 40,946 BTU/hr (12,0 kW)
Amps	25 AMPS @ 460/3/60
Maximum air flow	High: 1,300 SCFM (2,209 m ³ /hr) Low: 870 SCFM (1,478 m ³ /hr)
Dimensions (L x W x H)	47.48in x 62.72in x 32.75in (1,206mm x 1,593mm x 832mm)
Weight	1,100 lb (499 kg)
Mounting Position	Rooftop, Walkway or Deck

(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



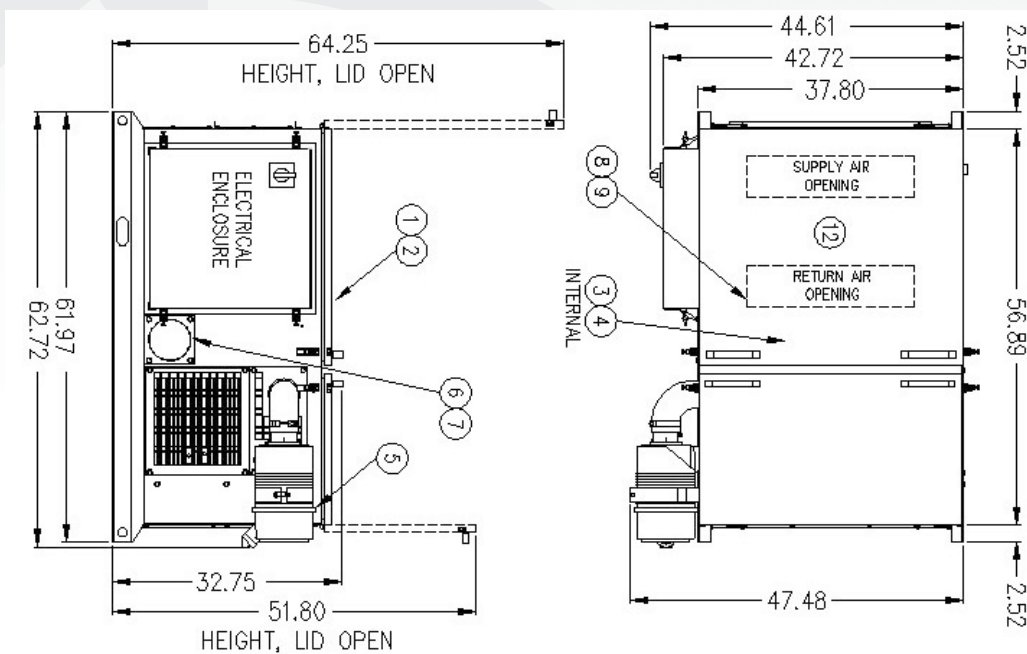
Model Specifications:	MPV5
Cooling Capacity	31,000 BTU/hr (8,9 kw)
Heating Capacity	41,000 BTU/hr (12,0 kw)
Heating Stages	2
Airflow - High Speed	1,300 CFM (610 l/s)
Airflow - Low Speed	870 CFM (410 l/s)
Compressor Type	Scroll
Pressurization	120 CFM (56 l/s)
Controls	110 VAC
Motor Protection	Circuit Breaker Thermal Overload
Compressor Capacity Control	None
Condenser Fan	1-Speed
Refrigerant Metering	TXV
Thermostat	Standard
- Electronic 5-stage	

Rating Conditions: Cooling Capacity
- Indoor 80°F DB/67°F FWB with
Outdoor 110°F DB/60°F FWB
Heating Capacity @ Rated Voltage

For capacities at ARI Std. 210 conditions of cooling capacity with 80°F DB/67°F FWB and Outdoor 95°F DB/75°F FWB add approximately 7.5% to rated capacity.

Above spec based on 460/30/60 versions of heating and cooling, capacities may vary depending on supplied voltage.

Line Drawing

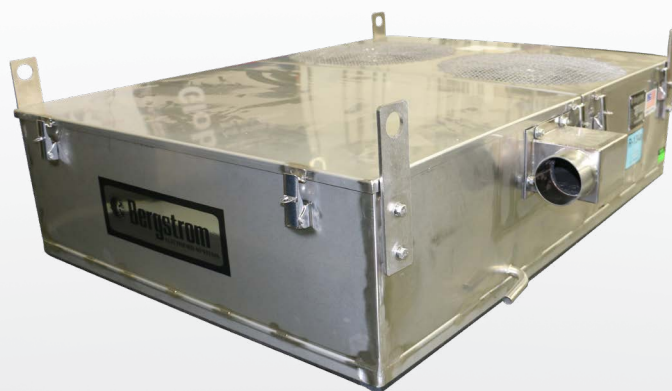


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Warranty

- 1-year limited warranty



Features

- Heavy gauge stainless steel construction
- Uses environmentally friendly R134a
- Operates in extreme conditions up to 122°F/50°C

Suggested Applications



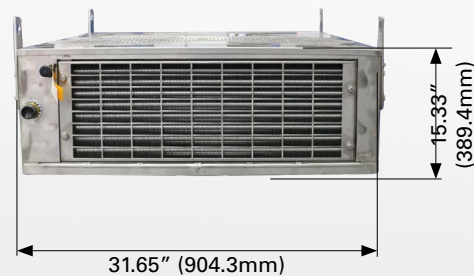
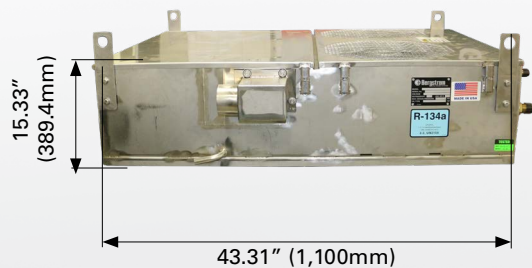
Technical Specifications

Model	BES2400
Capacity*	Cold: 24,000 BTU/hr (7 kW) Hot: 20,450 BTU/hr (6 kW)
Amps	40 AMPS @ 24 V. D. C.
Maximum air flow	600 SCFM (1,019 m ³ /hr)
Dimensions (L x W x H)	43.31in x 31.65in x 15.33in (1,100mm x 8043mm x 389.4mm)
Weight	208 lb (110 kg)
Mounting Position	Rooftop

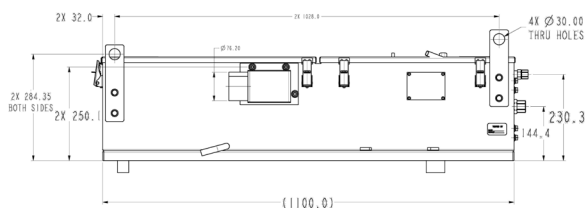
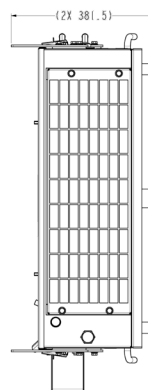
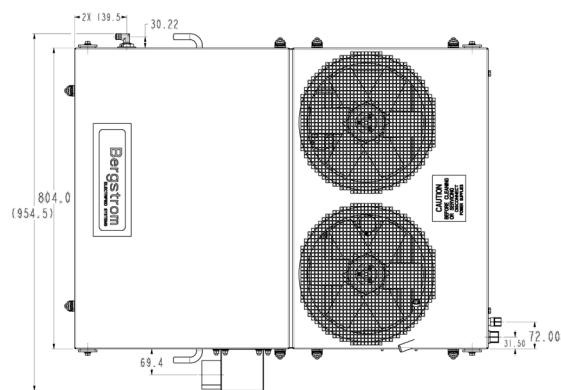
(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



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Warranty

- 1-year limited warranty



Features

- Heavy-duty rooftop mount AC & Heater
- Heavy-duty steel construction
- Durable double wheel plastic blower
- Light integrated headliner control panel
- Variable speed blower switch
- Adjustable thermostat and water valve controls
- Integrated receiver drier and single fan condenser
- High and low pressure switch
- Fresh air filter option
- Available in 12 or 24 voltages

Suggested Applications



Technical Specifications

Model	BES2600LH
Capacity*	Cold: 25,932 BTU/hr (7.6 kW) Hot: 34,120 BTU/hr (10 kW)
Amps	32 AMPS @ 12 V. D. C. 16 AMPS @ 24 V. D. C.
Maximum air flow	315 SCFM (535 m ³ /hr)
Dimensions (L x W x H)	26.3in x 27.9in x 11.6in (667mm x 709mm x 295mm)
Weight	88 lb (40 kg)
Mounting Position	Rooftop

(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.



Features

- Independent climate control system
- Operates in extreme conditions up to 130°F/54°C
- Installs easily
- Virtually maintenance free
- Quiet operation
- Shell constructed with steel for maximum durability
- OEM approved construction
- Hermetically sealed electrified unit
- 134a refrigerant sealed loop
- Available in multiple voltages

Suggested Applications



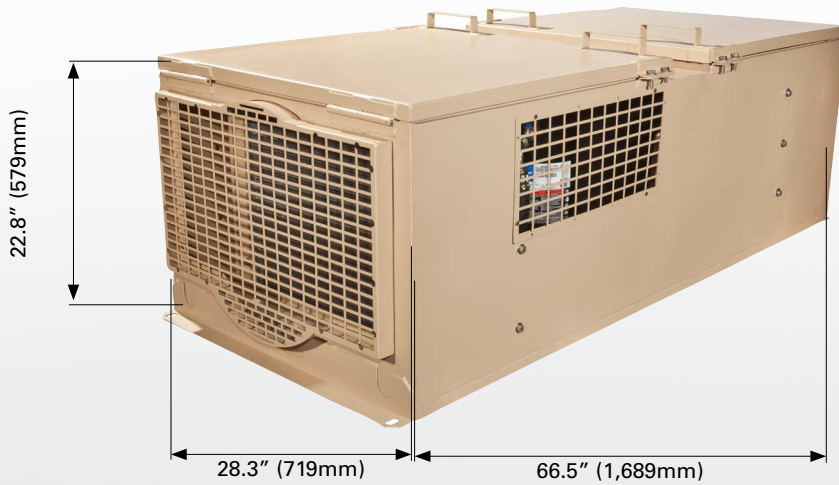
Technical Specifications

Model	BES3000
Capacity*	30,000 BTU/hr (8,8 kW)
Amps	35 AMPS @ 230/1/60
Maximum air flow	600 SCFM (1019 m³/hr)
Dimensions (L x W x H)	66.5n x 28.3in x 22.8in (1,689mm x 719mm x 579mm)
Weight	480 lb (218 kg)
Mounting Position	

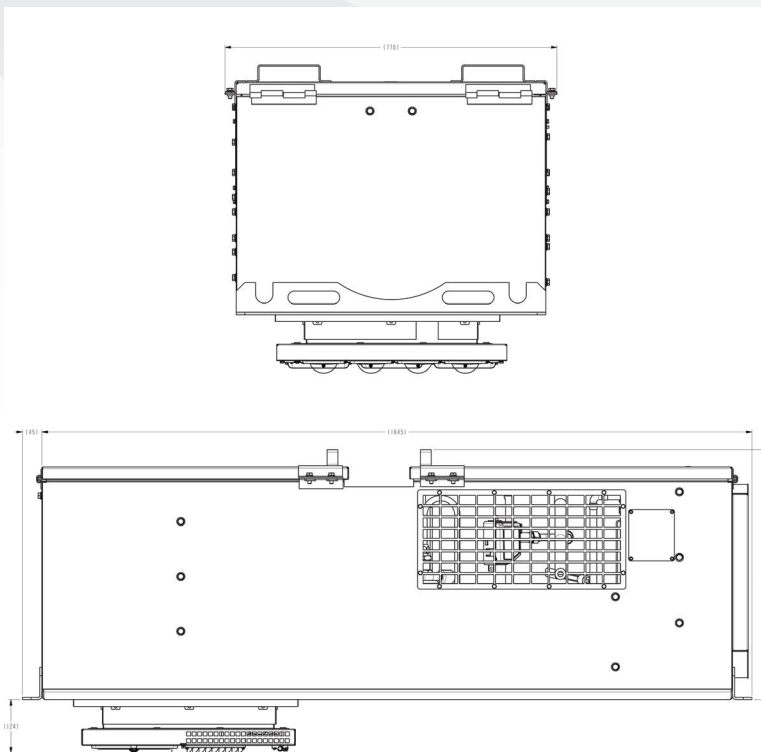
(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



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Warranty

- 1-year limited warranty

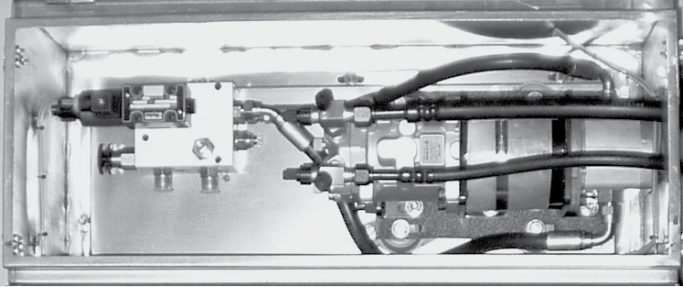
T-Series

Our T-Series, or tractor series, is designed to be used on cabs of various rubber-tired or tracked vehicles; such as haul trucks, small drills and others. The systems are generally 12 or 24 V.D.C. and typically require a remote engine-driven compressor.

Product Data & Specifications

Technical Specifications:

Model	TBV6	TCR6	TDR5	TPR6	TPW5
Voltage	12V or 24V	12V or 24V			
Cooling Capacity		up to 22,000 BTU/hr (6,4 kW)	18,000 BTU/hr (5,2 kW)	20,473 BTU/hr (6 kW)	18,000 BTU/hr (5,3 kW)
Heating Capacity - Hot Water			35,000 BTU/hr (10 kW)	40,000 BTU/hr (11,7 kW)	40,000 BTU/hr (11,7 kW)
Amps			25 A/h		25 A/h
Airflow - High Speed		2,400 SCFM (4,078 m ³ /hr)	400 CFM (190 l/s)	450 SCFM (764.55 m ³ /hr)	450 SCFM (764.55 m ³ /hr)
Airflow - Medium Speed			350 CFM (165 l/s)		
Airflow - Low Speed			300 CFM (140 l/s)		
Pressurization			110 CFM (50 l/s)		
Condenser Motors			(2) Fully sealed		
Condenser Fans			10" (250 mm)		
Evaporator Motor			(2) Fully sealed		
Evaporator Fans			(2) Single inlet		
Motor Protection			Circuit Breakers		
Compressor Capacity				Hydraulic	
Weight	100 lb (45,4 kg)	40 lb (18,1 kg)	150 lb (68 kg)	400 lb (181,4 kg)	375 lb (170 kg)



Features

- Heavy-duty stainless steel construction
- Precise hydraulic control
- Direct drive compressor
- Compressor mounted to minimize vibration
- Alternative to an engine mounted compressor

Suggested Applications



Recommended Bergstrom Electrified System



TDR5



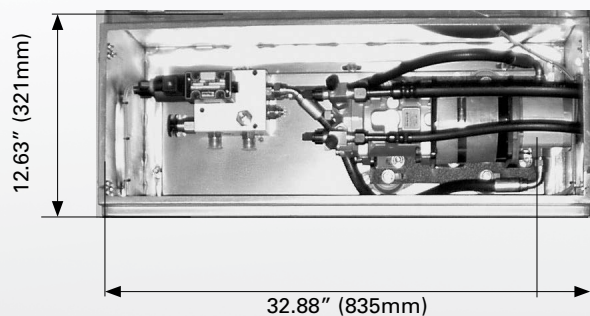
TPR6

Technical Specifications

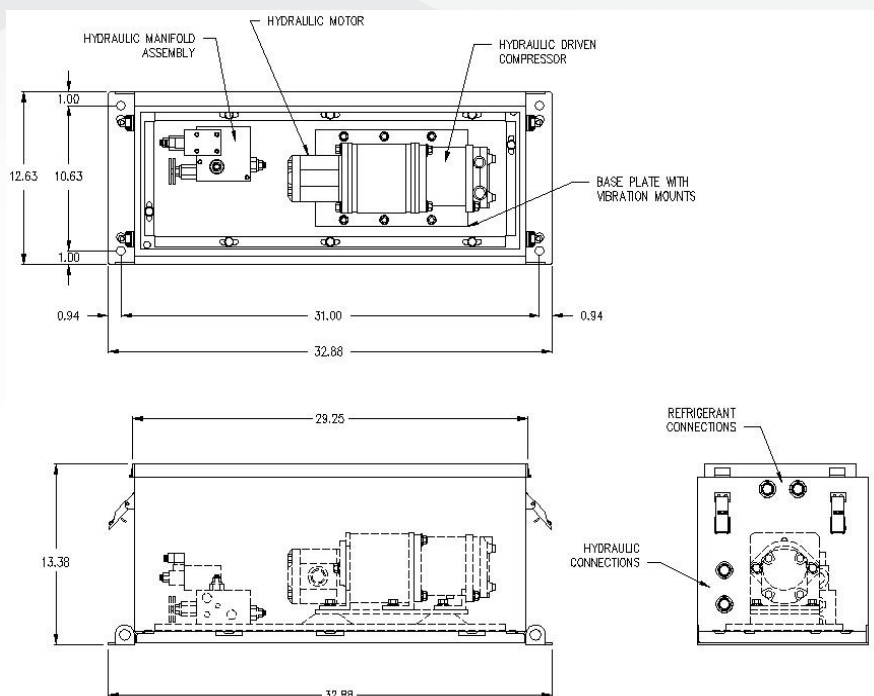
Model	TBV6 12V	TBV6 24V
Voltage	12V	24V
Dimensions (L x W x H)	32.88in x 12.63in x 13.38in (835mm x 321mm x 340mm)	32.88n x 12.63in x 13.38in (835mm x 321mm x 340mm)
Weight	100 lb (45,4 kg)	100 lb (45,4 kg)
Mounting Position	Rooftop or Deck	Rooftop or Deck

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing

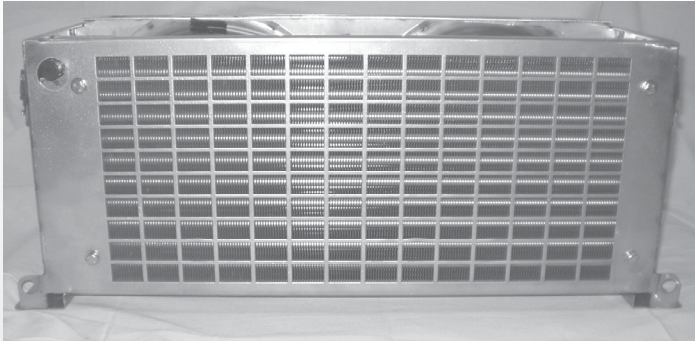


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Warranty

- 1-year limited warranty



Features

- Heavy-duty stainless steel construction
- No top openings to reduce dirt contamination
- Large coil to keep head pressures low in high ambient conditions
- Horizontal motors for optimal bearing life
- Can be used with evaporators up to 22,000 BTU/hr

Suggested Applications



Recommended Bergstrom Electrified System



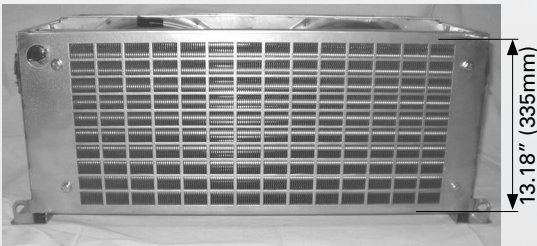
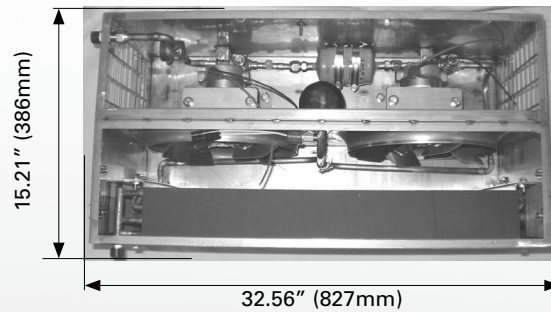
TPR6

Technical Specifications

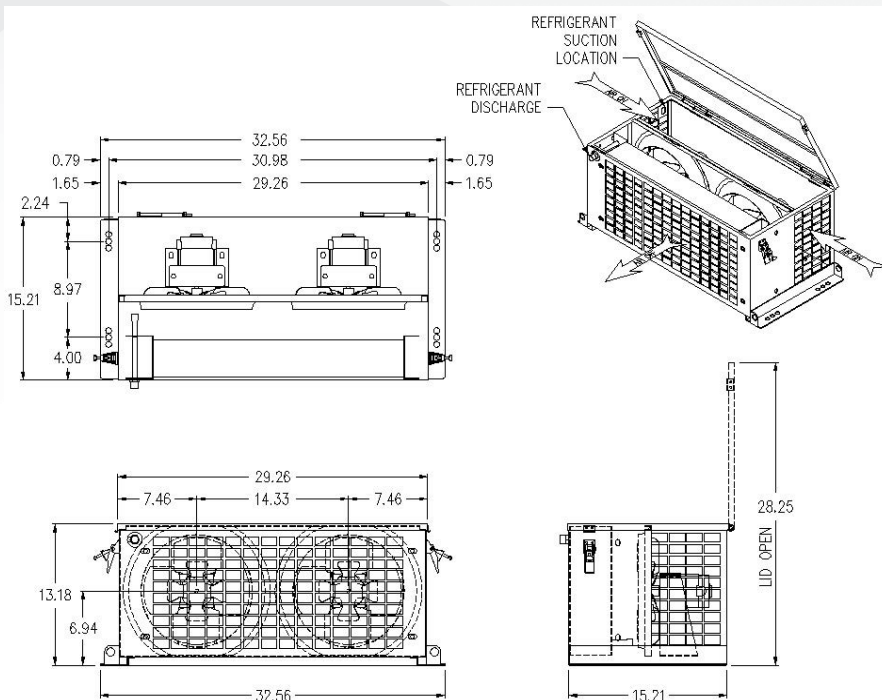
Model	TBV6 12V	TBV6 24V
Voltage	12V	24V
Capacity	For use up to 22,000 BTU/hr (6,4 kW)	For use up to 22,000 BTU/hr (6,4 kW)
Maximum air flow	2,400 SCFM (4,078 m³/hr)	2,400 SCFM (4,078 m³/hr)
Dimensions (L x W x H)	32.56n x 15.21in x 13.18in (827mm x 386mm x 335mm)	32.88n x 12.63in x 13.38in (835mm x 321mm x 340mm)
Weight	40 lb (18,1 kg)	40 lb (18,1 kg)
Mounting Position	Rooftop or Deck	Rooftop or Deck

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



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Warranty

- 1-year limited warranty



Features

- Heavy gauge stainless steel construction
- Rooftop mount
- Compressor is remote mounted
- Several Capacity options available

Suggested Applications



Technical Specifications

Model	TDR5 24V
Capacity*	Cold: 18,000 BTU/hr (5,2 kW) Hot: 35,000 BTU/hr (10,0 kW)
Amps	25 AMPS @ 24 V.D.C.
Maximum air flow	High: 400 SCFM (680 m ³ /hr) Medium: 350 SCFM (595 m ³ /hr) Low: 300 SCFM (510 m ³ /hr)
Dimensions (L x W x H)	40.39in x 39.22in x 10.55in (1,026mm x 996mm x 268mm)
Weight	150 lb (68,0 kg)
Mounting Position	Rooftop

(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: indoor 80°F DB/67°F WB with outdoor 110°F DB/60°F WB. Heating capacity is at rated voltage in accordance with SAEJ638.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.



Features

- Heavy-gauge stainless steel construction
- Rooftop mount
- Hydraulic-driven compressor, mounted within the unit
- Outside fan-forced filtration and pressurization system
- Fan-forced condenser assembly
- Designed to provide high levels of air filtration
- Offers climate control through refrigeration for cooling and hot water for heating

Suggested Applications



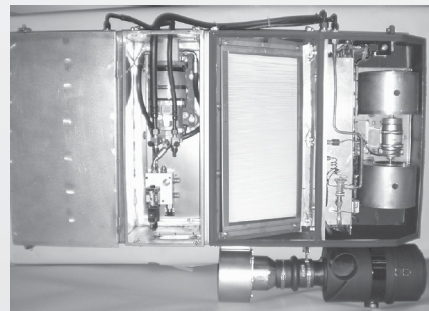
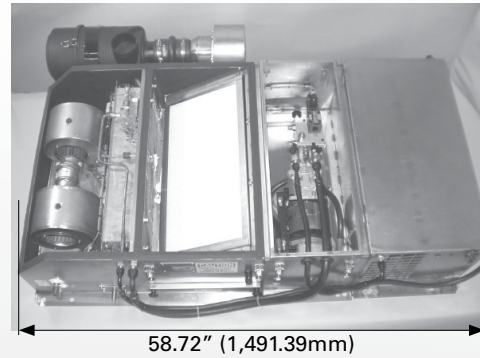
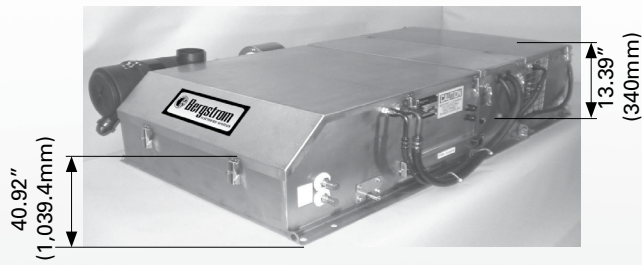
Technical Specifications

Model	TPR6 24V
Capacity*	Cold: 20,473 BTU/hr (6,0 kW) Hot: 40,000 BTU/hr (11,7 kW)
Maximum air flow	450 SCFM (764.55 m ³ /hr)
Compressor Capacity	Hydraulic
Dimensions (L x W x H)	58.72in x 40.92in x 13.39in (1491.39mm x 1,039.4mm x 340mm)
Weight	400 lb (181,4 kg)
Mounting Position	Rooftop

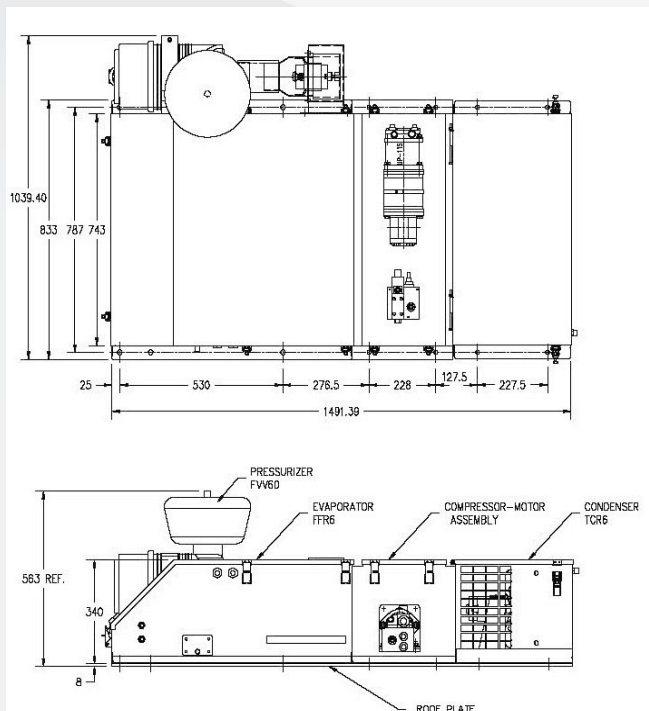
(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: 100°F and 81°F FDB/67°F FWB (38°C and 27/19°C) return air.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



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Warranty

- 1-year limited warranty



Features

- Heavy gauge stainless steel construction
- Hydraulic driven compressor
- High efficiency, servicable filter to ensure extremely clean air is supplied to the cab
- Electronic temperature control
- Precise hydraulic control

Suggested Applications



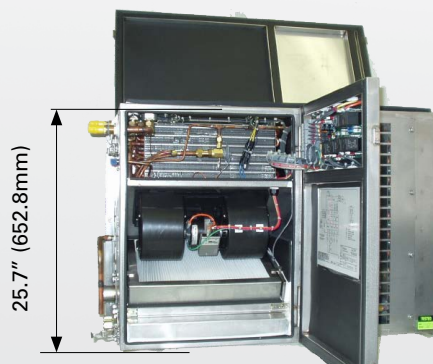
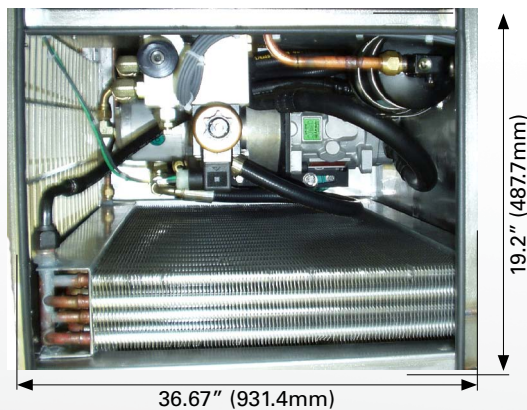
Technical Specifications

Model	TPW5 24V
Capacity*	Cold: 18,000 BTU/hr (5,3 kW) Hot: 40,000 BTU/hr (11,7 kW)
Amps	25 AMPS @ 24 V.D.C.
Maximum air flow	450 SCFM (765 m ³ /hr)
Dimensions (L x W x H)	36.67in x 19.2in x 25.7in (931.4mm x 487.7mm x 652.8mm)
Weight	375 lb (170 kg)
Mounting Position	Deck

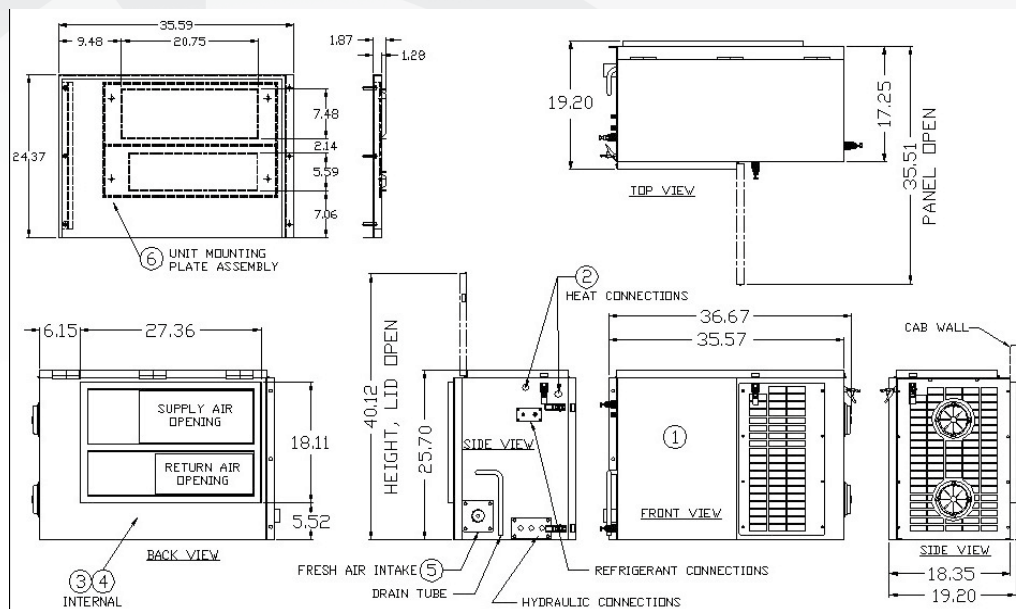
(*) System cooling capacity is based on system component-calculated capacities in accordance with IMACA 200 standard test conditions: 100°F and 81°F FDB/67°F FWB (38°C and 27/19°C) return air.

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout



Line Drawing



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Warranty

- 1-year limited warranty

NOTES:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

School Bus Systems



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All School Bus systems have a 3-year warranty.

Availability of the products shown in this reference guide is subject to change without notice by Bergstrom, Inc. For the most current product information please visit the Kysor distributor website at <https://shop.bergstrominc.com/>.

FRONT BULKHEAD EVAPORATOR UNIT	142
REAR BULKHEAD EVAPORATOR UNIT	143
DASH EVAPORATOR UNIT	144
MIDSHIP EVAPORATOR UNIT	145
DUAL FAN CEILING EVAPORATOR UNIT	146
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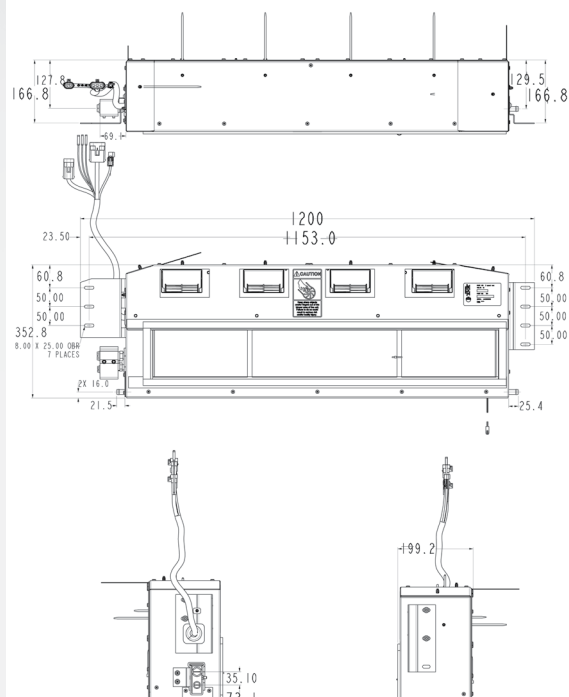
Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- An optional driver airflow duct with fully adjustable louver to maximize driver comfort
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Suggested Applications



Line Drawing



Front Bulkhead Unit Technical Specifications

Model	Front Bulkhead
Voltage	12V
Capacity	55,000 / 60,000 BTU/hr (16,0 / 17,6 kW)
Amps	25 A/h
Maximum air flow	1,600 CFM (2,718 m³/hr)
Dimensions (W x H x D)	47.24 in x 13.89 in x 7.84 in (1200 mm x 352.8 mm x 199.2 mm)
Weight	68 lb (30,8 kg)
Mounting Position	In-Wall

*Actual system performance is dependent on installation, configuration and components used.



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 3-year limited warranty

**Suggested Compressor: Sanden SD7
Enhanced or Seltec TM-21**



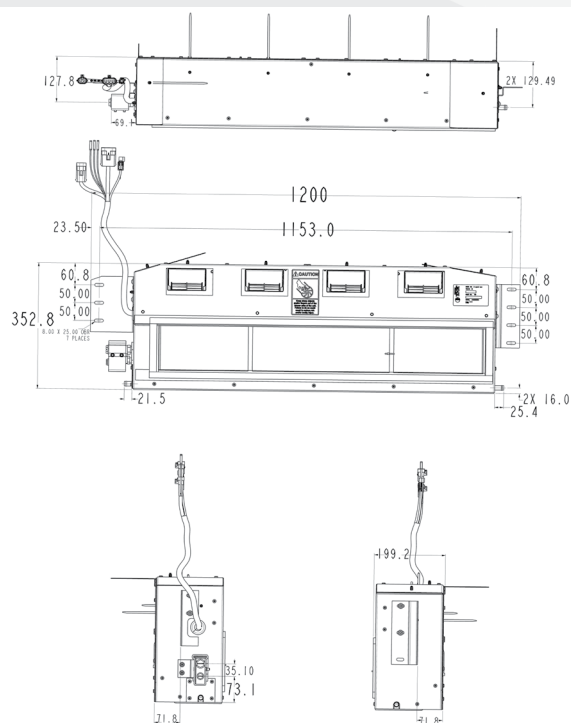
Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures.
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Suggested Applications



Line Drawing



Rear Bulkhead Unit Technical Specifications

Model	Rear Bulkhead
Voltage	12V
Capacity	55,000 / 60,000 BTU/hr (16,0 / 17,6 kW)
Amps	25 A/h
Maximum air flow	1,600 CFM (2,718 m ³ /hr)
Dimensions (W x H x D)	47.24 in x 13.9 in x 7.83 in (1200 mm x 353 mm x 199 mm)
Weight	68 lb (30,8 kg)
Mounting Position	In-Wall

*Actual system performance is dependent on installation, configuration and components used.



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 3-year limited warranty

Suggested Compressor: Sanden SD7 Enhanced or Seltec TM-21



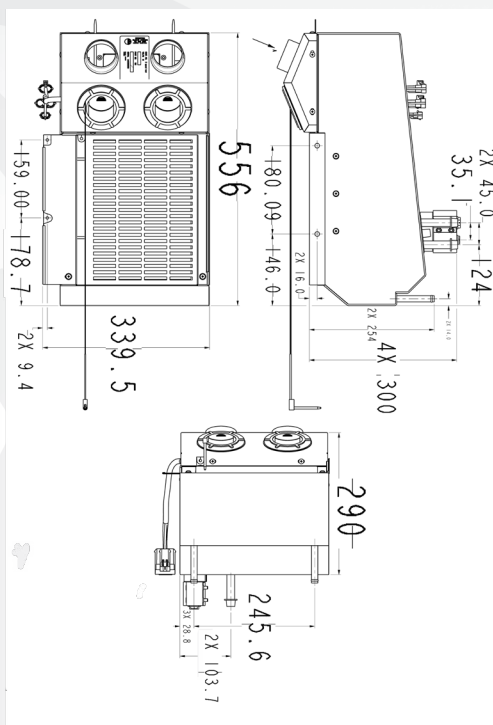
Suggested Applications



Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- An optional driver airflow duct with fully adjustable louver to maximize driver comfort
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Line Drawing



Dash Unit Technical Specifications

Model	Dash
Voltage	12V
Capacity	26,833 BTU/hr (7.9 kW)
Amps	19.3 A/h
Maximum air flow	323 CFM (549 m ³ /hr)
Dimensions (W x H x D)	13.37 in x 21.89 in x 11.42 in (339.5 mm x 556 mm x 290 mm)
Weight	68 lb (30.8 kg)
Mounting Position	Dash

*Actual system performance is dependent on installation, configuration and components used.



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Warranty

- 3-year limited warranty

Suggested Compressor: Sanden SD7 Enhanced or Seltec TM-21



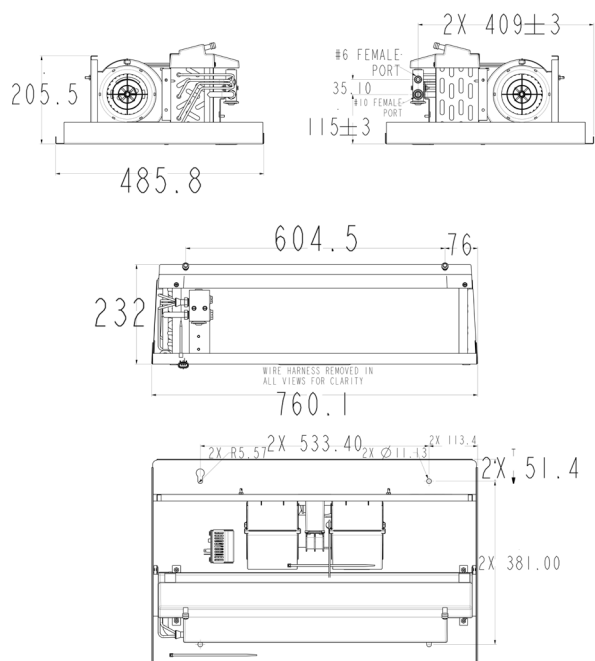
Suggested Applications



Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures.
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Line Drawing



Midship Unit Technical Specifications

Model	Midship
Voltage	12V
Capacity	35,000 BTU/hr (10,3 kW)
Amps	15 A/h
Maximum air flow	800 CFM (1,359 m³/hr)
Dimensions (W x H x D)	29.93 in x 9.13 in x 19.13 in (760.1 mm x 232 mm x 485.8 mm)
Weight	30 lb (13.6 kg)
Mounting Position	Headliner

*Actual system performance is dependent on installation, configuration and components used.

Suggested Compressor: Sanden SD7 Enhanced or Seltec TM-21



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Warranty

- 3-year limited warranty



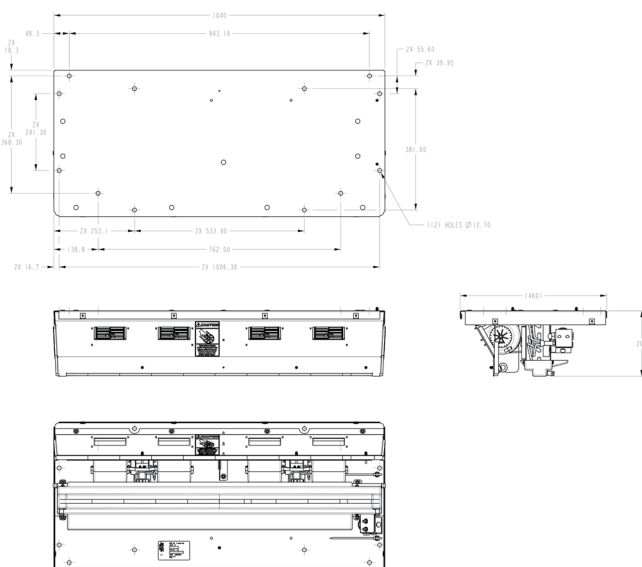
Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- An optional driver airflow duct with fully adjustable louver to maximize driver comfort
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Suggested Applications



Line Drawing



Dash Unit Technical Specifications

Model	Dash
Voltage	12V
Capacity	60,000 BTU/hr (17,6 kW)
Amps	15 A/h
Maximum air flow	800 CFM (1,359 m³/hr)
Dimensions (W x H x D)	30.55 in. x 14.57 in. x 26.18 in. 776 mm x 370 mm x 665 mm
Weight	30 lb (13,6 kg)
Mounting Position	Headliner

*Actual system performance is dependent on installation, configuration and components used.



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**Suggested Compressor: Sanden SD7
Enhanced or Seltec TM-21**

Warranty

- 3-year limited warranty



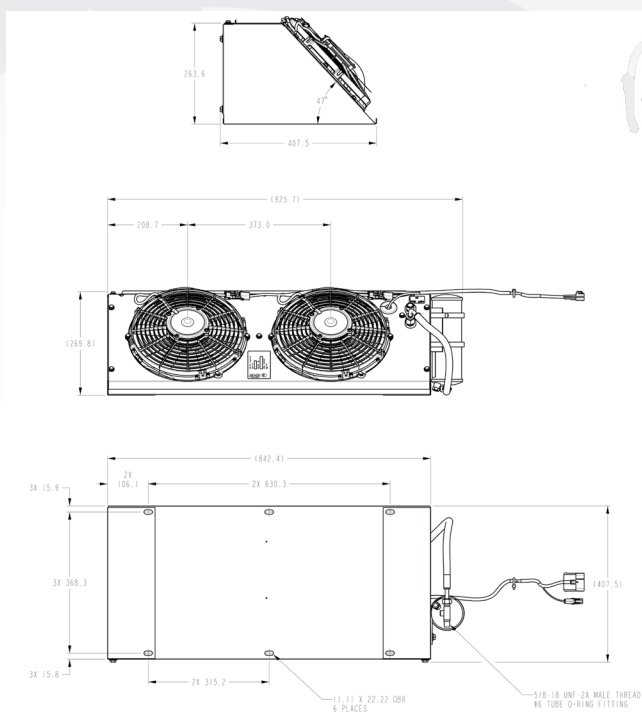
Suggested Applications



Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- An optional driver airflow duct with fully adjustable louver to maximize driver comfort
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Line Drawing



2-Fan Condenser Unit Technical Specifications

Model	2-Fan Condenser
Voltage	12V
Capacity	51,000 BTU/hr (14.9 kW)
Amps	18 A/h
Maximum air flow	1,050 CFM (1,783.9 m3/hr)
Dimensions (W x H x D)	40.94 in x 8.11 in x 18.11 in (1040 mm x 206 mm x 460 mm)
Weight	50 lb (21.8 kg)
Mounting Position	Skirt Mount

*Actual system performance is dependent on installation, configuration and components used.



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Suggested Compressor: Sanden SD7 Enhanced or Seltec TM-21

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Warranty

- 3-year limited warranty



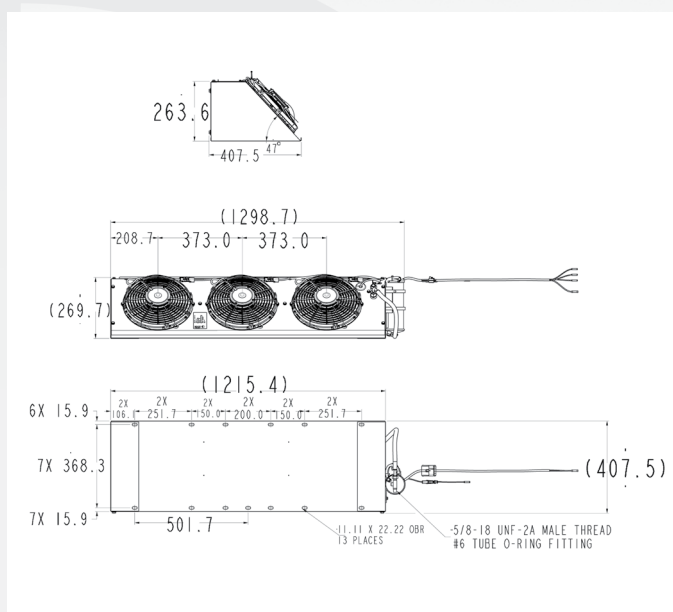
Suggested Applications



Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved AC performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures.
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

Line Drawing



3-Fan Condenser Unit Technical Specifications

Model	3-Fan Condenser
Voltage	12V
Capacity	76,000 BTU/hr (22,3 kW)
Amps	26.0 A/h
Maximum air flow	1,570 CFM (2,667m³/hr)
Dimensions (W x H x D)	51.13 in x 10.62 in x 16.04 in (1298.7 mm x 269.7 mm x 407.5 mm)
Weight	67 lb (30.4 kg)
Mounting Position	Skirt Mount

*Actual system performance is dependent on installation, configuration and components used.



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Warranty

- 3-year limited warranty

Suggested Compressor: Sanden SD7 Enhanced or SeltecTM-21

Catalog No: 3314001
Part No: 740147



Combo-Bunk-12V-Temp-K142-537-1

Catalog No: 3399003
Part No: 1000046211



Assembly, 50 K Heater

Catalog No: 3399006
Part No: 1000142118



Heater, Double Floor Mount

Blue Bird Cross Reference No: 10013875

Catalog No: 3399007
Part No: 1000142119



Heater, Fm Underseat Single

Blue Bird Cross Reference No: 10013876

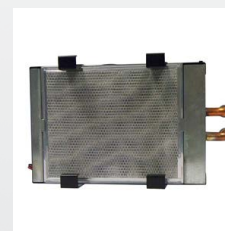
Catalog No: 3399009
Part No: 1000475575



Heater, Underseat Double Fan

Thomas Built Bus Cross Reference No: 182523

Catalog No: 3399018
Part No: 1000141716



Heater, Seat Mount Lh Single

Blue Bird Cross Reference No: 10013874

Catalog No: 3399022
Part No: 1001620971



Rear Wall Mount Heater

Blue Bird Cross Reference No: 00026361

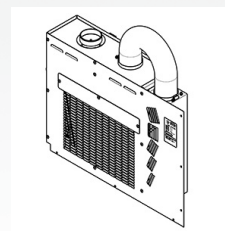
Catalog No: 3399026
Part No: 780017



Heater Assembly, 80K Wallmount

IC Corp Cross Reference No: 448253001

Catalog No: 3399036
Part No: 1000194015



Heater Assembly - 50K

IC Corp Cross Reference No: 3864119C1

Catalog No: 3399039
Part No: 1000133279



Heater Assembly, Ef

Thomas Built Bus Cross Reference No: 158457

Catalog No: 3399054
Part No: 1000170160



Heater Foot Warmer

Thomas Built Bus Cross Reference No: 6600-0894

Catalog No: 3399057
Part No: 1000475570



Heater Assembly

Thomas Built Bus Cross Reference No: 182473



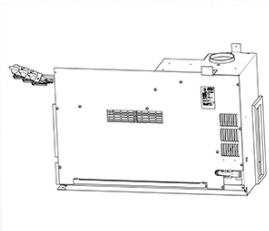
Catalog No: 3399059
Part No: 1000475574



Heater Assembly

Thomas Built Bus Cross Reference No: 182520

Catalog No: 3399086
Part No: 1000713079



Kit, Heater (Lf) (Service)

Catalog No: 3399091
Part No: 1000475573



Heater, Underseat Double Fan

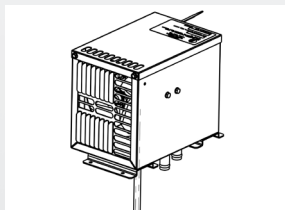
Thomas Built Bus Cross Reference No: 182519

Part No: 1001841874



Heater Assembly - Underseat (Double)

Part No: 1001841874



Heater Assembly - Driver 12K

Blue Bird Cross Reference No: 1654482

Thomas Built Bus Cross Reference No: TBB 158457

**Catalog No: 2191014
Part No: 1001396393**



Front Fan On-Off DPST Switch

**Catalog No: 2191015
Part No: 1001396394**



Front Fan 3 speed DPTT Switch

**Catalog No: 2191016
Part No: 1001396395**



Rear Fan On-Off DPST Switch

**Catalog No: 2191017
Part No: 1000142119**



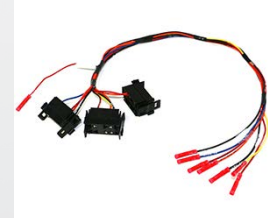
Rear Fan 3 speed DPTT Switch

**Catalog No: 2191027
Part No: 1001407317**



Eaton PNL Switch to ECNTR Harness

**Catalog No: 2191029
Part No: 1001415185**



Midship Eaton PNL Switch Harness

**Catalog No: 4399157
Part No: 1001426080**



4-AWG Red Wire

**Catalog No: 4399158
Part No: B300648**



Bulk Wire Loom, .25" I.D.

**Catalog No: 4399160
Part No: B201122**



Hex Head Cap Screw, 5/16-18 x 1-1/4

**Catalog No: 4399165
Part No: 1001430645**



3/8 6-guage Ring Terminal

**Catalog No: 4610011
Part No: 1001364260**



Midship Cover



Solar Energy Systems

35 CELL SOLAR PANEL	154
48 CELL SOLAR PANEL	155
64 CELL SOLAR PANEL	156
72 CELL SOLAR PANEL	157
96 CELL SOLAR PANEL	159
144 CELL SOLAR PANEL	161



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

All Solar systems have a 5-year warranty.

Availability of the products shown in this reference guide is subject to change without notice by Bergstrom, Inc. For the most current product information please visit the Kysor distributor website at <https://shop.bergstrominc.com/>.



NAME

35 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



36 Cell Technical Specifications

Catalog No:	1002766559
Part No:	1002766559
Description	85W 5 x 7 Half Cell Solar Module with Optimized 15 amp Charge Controller and Fuse
Dimensions (L x W x T)	35 in x 32 in x 45/64 in (889 mm x 812.8 mm x 17.8 mm)
Notes	35 half cell (5 x 7), 85 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 36 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



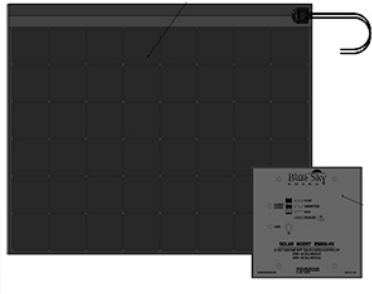


NAME

48 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



48 Cell Technical Specifications

Catalog No: **4499174**Part No: **1001747671**

Description: 220W 8 x 6 Cell Panel Solar Module Kit with 2512ix Charge Controller

Dimensions (L x W x T): 42 3/64 in x 51 27/64 in x 45/64 in (683 mm x 598.5 mm x 17.8 mm)

Notes: 48 cell (8 x 6), 220 watt

4-6 weeks lead time, smaller quantities may be in stock

Catalog No: **1002766560**Part No: **1002766560**

Description: 3 x 80W 2 x 8 Cell Panel Solar Module Kit with Optimized 30 amp Charge Controller and Fuse

Dimensions (L x W x T): 15 in x 60 in x 45/64 in (381 mm x 1524 mm x 17.8 mm)

Notes: 16 cell (2 x 8) per panel, 3 x 80 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 48 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 5-year limited warranty

Suggested Applications



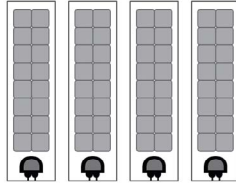


NAME

64 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



64 Cell Technical Specifications

Catalog No:	1002766561
Part No:	1002766561
Description	320W (80W 2 x 8 Cell Panel) Solar Module with Optimized 30 amp Charge Controller and Fuse
Dimensions (L x W x T)	15 in x 60 in x 45/64 in (381 mm x 1524 mm x 17.8 mm)
Notes	16 cell (2 x 8) per panel, 4 x 80 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 48 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



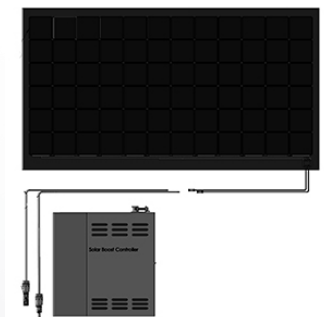


NAME

72 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



72 Cell Technical Specifications

Catalog No:	4499157
Part No:	1001486215
Description	330W 6 x 12 Cell Panel Solar Module with 12VDC 3024i Charge Controller
Dimensions (L x W x T)	78 27/64 in x 43 11/16 in x 45/64 in (669 mm x 587 mm x 17.8 mm)
Notes	72 cell (6 x 12), 330 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 72 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



***Must purchase charge controller and circuit breaker (4499162)**



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 5-year limited warranty

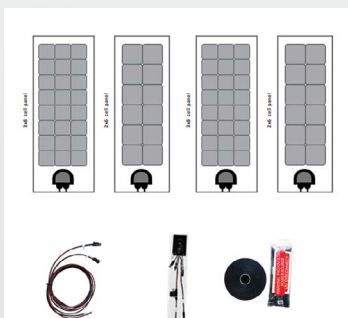
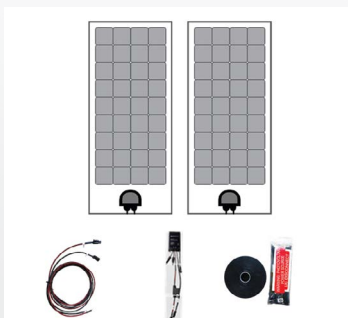


NAME

72 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



72 Cell Technical Specifications

Catalog No: **1002766562**Part No: **1002766562**Description: **330W 6 x 12 Cell Panel Solar Module with Optimized 30 amp Charge Controller and Fuse**Dimensions (L x W x T): **78 in x 43 in x 45/64 in (1981.2 mm x 1092.2 mm x 17.8 mm)**Notes: **72 cell (6 x 12), 330 watt**

4-6 weeks lead time, smaller quantities may be in stock

Catalog No: **1002766563**Part No: **1002766563**Description: **330W (2 x 165W 4 x 9 Cell Panel) Solar Module with Optimized 30 amp Charge Controller and Fuse**Dimensions (L x W x T): **28 in x 62 in x 45/64 in 15 (711.2 mm x 1574.8 mm x 17.8 mm)**Notes: **165 cell (4 x 9) per panel, 2 x 165 watt**

4-6 weeks lead time, smaller quantities may be in stock

Catalog No: **1002766565**Part No: **1002766565**Description: **3360W (2 x 60W 2 x 6 Cell Panel & 2 x 120W 3 x 8 Cell Panel) Solar Module with Optimized 30 amp Charge Controller and Fuse**Dimensions (L x W x T): **22 in x 60 in x 45/64 in & 15 in x 40 in x 45/64 in (558.8 mm x 1524 mm x 17.8 mm & 381 mm x 1016 mm x 17.8 mm)**Notes: **165 cell (4 x 9) per panel, 2 x 165 watt**

4-6 weeks lead time, smaller quantities may be in stock

Features

- 72 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



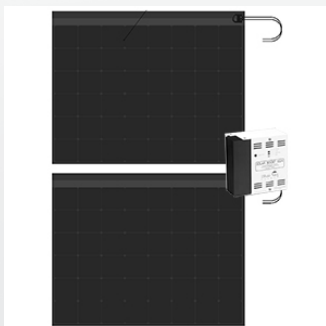


NAME

96 CELL SOLAR PANEL

DESCRIPTION

Solar Energy Systems



96 Cell Technical Specifications

Catalog No:	4499172
Part No:	1001602683
Description	440W (4 x 110W 2 x 12 Cell Panels) White Solar Module with 12VDC 3024i Charge Controller
Dimensions (L x W x T)	78 27/64 in x 14 43/64 in x 45/64 in (669 mm x 372.6 mm x 17.8 mm)
Notes	24 cell (2 x 12) per panel, 4 x 110 watt

4-6 weeks lead time, smaller quantities may be in stock

Catalog No:	4499175
Part No:	1001747691
Description	440W (2 x 220W 8 x 6 Cell Panels) Solar Module Kit with 3024i Charge Controller
Dimensions (L x W x T)	56 1/16 in x 38 55/64 in x 45/64 in (1424 mm x 987 mm x 17.8 mm)
Notes	48 cell (8 x 6) per panel, 2 x 220 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 72 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 5-year limited warranty

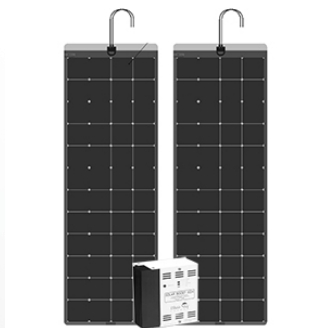


NAME

96 CELL SOLAR PANEL

DESCRIPTION

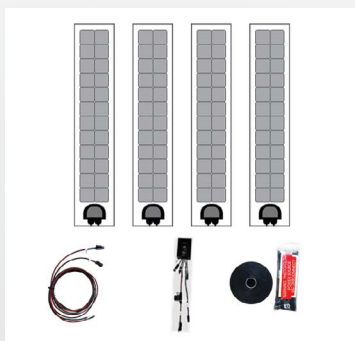
Solar Energy Systems



96 Cell Technical Specifications

Catalog No:	4499180
Part No:	1001761580
Description	440W (2 x 220W 4 x 12 Cell Panels) White Solar Module Kit with 3024i Charge Controller
Voltage	12V
Dimensions (L x W x T)	79 39/64 in x 14 39/64 in x 45/64 in (2030 mm x 373 mm x 17.8 mm)
Notes	48 cell (4 x 12) per panel, 2 x 220 watt

4-6 weeks lead time, smaller quantities may be in stock



Catalog No:	1002766566
Part No:	1002766566
Description	440W (4 x 110W 2 x 12 Cell Panels) Solar Module Kit with Optimized 30 amp Charge Controller and Fuse
Voltage	12V
Dimensions (L x W x T)	15 in x 80 in x 45/64 in (381 mm x 2032 mm x 17.8 mm)
Notes	24 cell (4 x 12) per panel, 4 x 440 watt

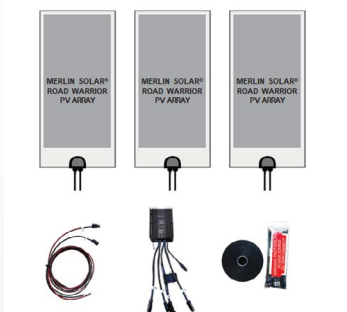
4-6 weeks lead time, smaller quantities may be in stock

Features

- 96 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications





96 Cell Technical Specifications

Catalog No:	1002513539
Part No:	1002513539
Description	6600W (3 x 220W 4 x 12 Cell Panels) Solar Module Kit with Optimized Charge Controller
Dimensions (L x W x T)	27 in x 80 in x 45/64 in (685.8 mm x 2032 mm x 17.8 mm)
Notes	48 cell (4 x 12) per panel, 3 x 220 watt

4-6 weeks lead time, smaller quantities may be in stock

Features

- 72 series connected, high efficiency, Merlin solar cells optimize panel performance
- Merlin technology yields higher energy & increased durability
- Low weight, non-penetrating mounting solutions take advantage of the lightweight module characteristics
- Superior low-sun angle and low light performance provide excellent energy yield
- Bypass diodes allow for maximum performance under shade conditions
- Weather resistant package, sealed junction box and protective back sheet provide a long life, reliable and durable package
- Modules are built and tested to UL standard 1703, IEC 61215 & IEC61730

Suggested Applications



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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Warranty

- 5-year limited warranty

NOTES:



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NOTES:

System Warranty Information

Please refer to the Bergstrom warranty page (<https://warranty.bergstrominc.com/>) for complete warranty details and to submit a claim.

**Bergstrom**

Bergstrom Warranty
Welcome to the Bergstrom Warranty website

Account Registration
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[Registration](#)

Submit Warranty Claim

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Warranty Information Breakdown

Bergstrom stands by our systems and provides a competitive warranty. Warranties vary depending on the product line.

NITE® Units

2-year warranty with the option to buy an extended warranty,
<https://us.bergstrominc.com/nite-warranty/>

Bergstrom Aftermarket Systems

1-year warranty,

Bergstrom Electrified Systems (BES)

1-year warranty

Bergstrom School Bus Systems (Cool Zone™)

3-year warranty

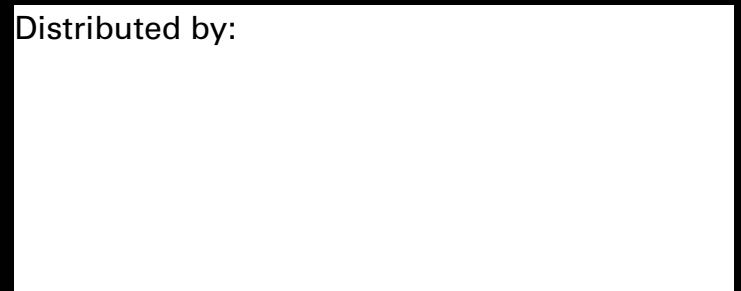
Bergstrom Solar Systems

5-year warranty

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for the people who move our world.



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