



DC Power Solutions is proud to offer the **DC Flex-Cool split mount air conditioners**. The most technologically advanced 12 and 24-volt dc powered split unit for vehicles.



DC FLEX-COOL



FEATURES INCLUDE:

- Cools without engine idling
- Up to 11,500 BTU/h of cooling
- Initial rapid cool down to reach optimum temperature quickly
- Runs off starting or auxiliary battery 12 or 24 volt systems
- Quiet operation – sound dampening insulation
- Flexible mounting options – easily installed
- Cycles on and off – adjusts to changes in temperature
- Temperature controls located inside the cab
- Equipped with a battery monitor and control which prevents discharging below voltage required to start engine
- Refrigerant coolant level indicator
- Can be used in conjunction with fuel-fired heaters
- Extensively tested

OPTIONS:

- Pre charged hoses with R134A coolant
- Checkerplate housing
- Data logging – monitor operating times

BENEFITS

Truck Sleeper Cabs, Service Vehicles & Recreational Vehicles	Off-Road, Construction & Transportation Equipment, Hybrid & Electric Vehicles	Emergency & Mobile Command Vehicles
<ul style="list-style-type: none"> • Compliance with anti-idling regulations • Overnight anywhere without shore power • No generator required • Reduced operating costs • Reduced fuel costs • Reduced engine wear • Extended maintenance intervals • Reduced downtime 	<ul style="list-style-type: none"> • Electric air conditioning for even low HP equipment • Cooling whether engine operating or not • Full cab rotation • No hydraulics • Complies with all anti-idling regulations 	<ul style="list-style-type: none"> • Cool patient or operator compartment without idling • No generator required • Reduced operating costs • Reduced fuel costs • Reduced engine wear • Extended maintenance intervals • Reduced out-of-service time

SPECIFICATIONS

Model	Cooling Output:	Operating Mode:	Nominal Input:
DC Flex-Cool 12 Volt	5,800 BTU/h	Economy	46 amps* - 550 watts
DC Flex-Cool 24 Volt	5,800 BTU/h	Economy	28 amps* - 675 watts
DC Flex-Cool 12 Volt	11,000 BTU/h	High Rate	86 amps - 1050 watts
DC Flex-Cool 24 Volt	11,500 BTU/h	High Rate	57 amps - 1350 watts

Dimensions:	Evaporator section (mounts inside the cab)	Condensor section (mounts outside the cab)
	Inches - 28.54 wide x 18.32 high x 6.32 deep	28.0 wide x 25.79 high x 10.24 deep
	Mm - 724.8 wide x 465.4 high x 160.6 deep	711.2 wide x 655.0 high x 260.0 deep
	28.97 lbs / 13.14 kg	108 lbs / 48.98 kg

*All units are shipped in economy mode, and are easily field upgraded to high rate mode. To provide maximum initial cooling, the DC Flex-Cool start-up current draw (programmed for 1 to 10 minutes) is 57 amps @ 24 volt or 86 amps @ 12 volt. For example, depending on the ambient temperature and with the thermostat set at maximum cooling, the 24-volt unit will draw 57 amps for 1 to 10 minutes at start-up and then cycle on and off, drawing an average of only 28 amps.

Test data can be provided for specific applications upon request.