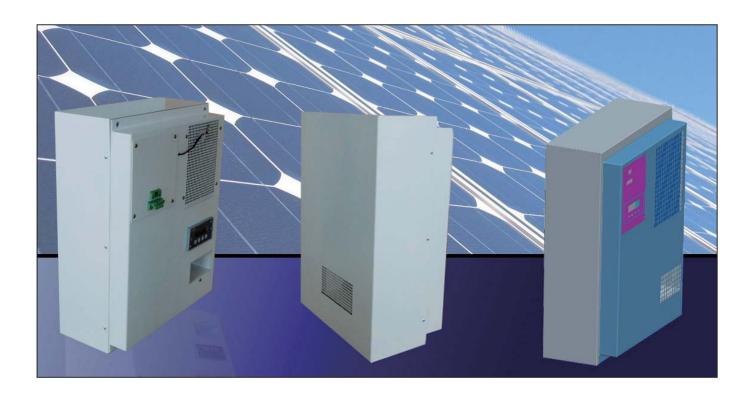
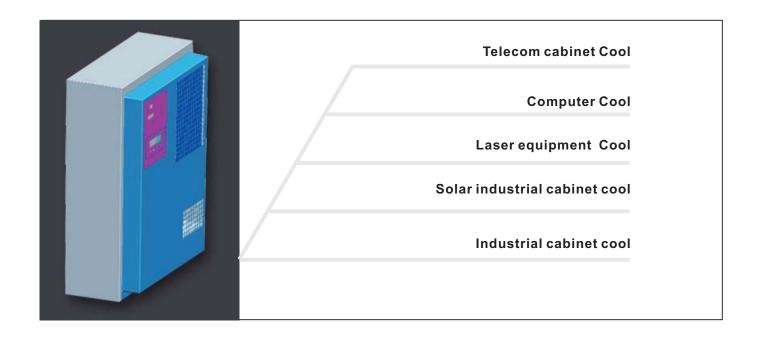
Merlin Series Cabinet DC Air Conditioner

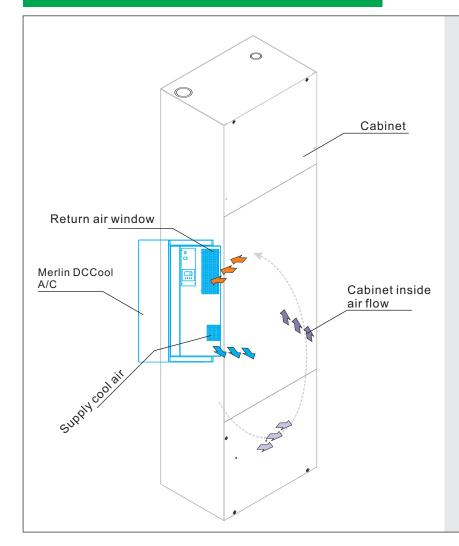




Merlin series DC cabinet air conditioner General Specification

Model number	Merlin F06048	Merlin F12048	Merlin F18048
Cooling capacity	600Watt (2050Btu/H)	1200Watt (4090Btu/H)	1800Watt (6100Btu/H)
Rated power source	48VDC	48VDC	48VDC
Working voltage range	36VDC~ 58VDC	36VDC~ 58VDC	36VDC~ 58VDC
Rated input power	240Watt	400Watt	600Watt
Working current	5.0Amp	8.3Amp	12.5Amp
Refrigerant type	R134a	R134a	R134a
Noise level	<=55dbA	<=55dbA	<=55dbA
Ambient temperature range	-15°C ~ +55°C	-15°C ~ +55°C	-15°C ~ +55°C
Size(LxWxD)	550x400x200mm	550x400x200mm	550x400x200mm
Weight (approx.)	18kg	20kg	22kg

Working Principle



Merlin DC air conditioner adopts real dc variable speed dc compressor, and system integrated smart temperature sensing program to automatically adjust compressor and fan speed to control cabinet inside in acceptable temperature range that to protect the equipments in cabinet safety working.

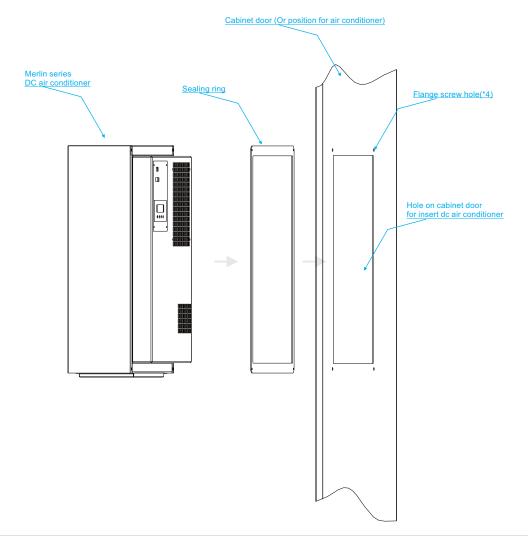
Merlin DC air conditioner adopts flange screw-lock mounting, easy to install and retaining seal with cabinet door or metal sheet.

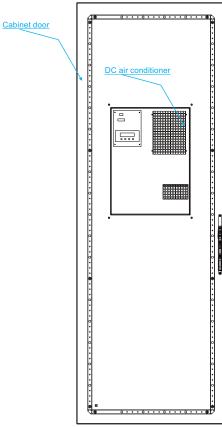
There are return air window and supply cool air window on the dc air conditioner, keep the air inside of cabinet cool down by dc air conditioner even cabinet installed at outdoor in the place of tropical environment.

Merlin DC air conditioner has the option for remote control, can provide RS-485/232 interface. monitored or controlled by remote server.

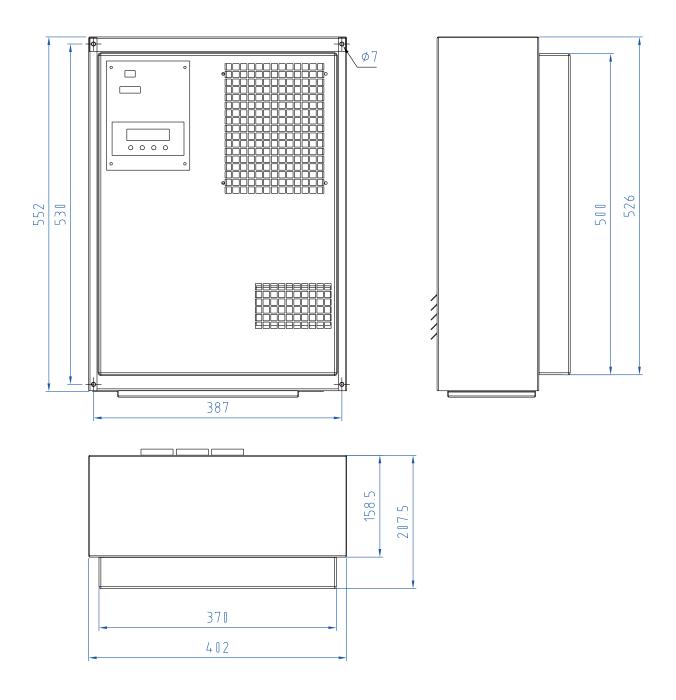
Merlin DC air conditioner has the function of power lost memory and rev.stop temperature difference. reliably use for unattended operations.

Assembly on to Cabinet





DC air conditioner installed on cabinet





E Sysroid is the special air conditioning business trade mark of Aislu Electric.

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