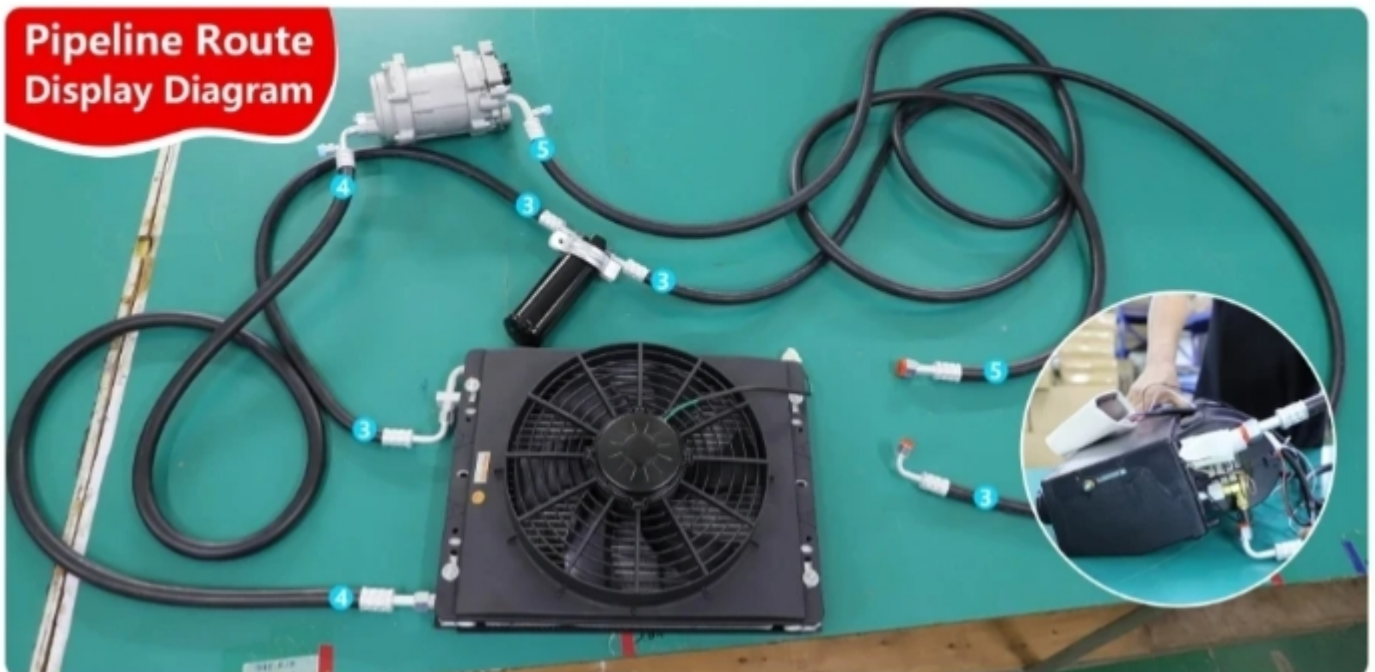
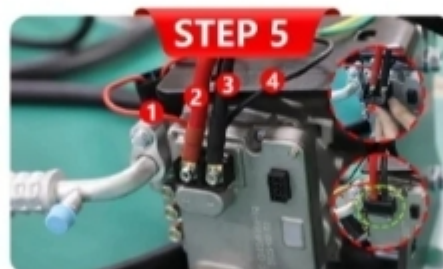


Aansluitschema airconditioning

Let op!, voor gebruik compressor eerst het systeem vullen met R134a gas (600-1200g), om schade aan de compressor te voorkomen.



Pay attention:

1. PLEASE DO NOT operate the compressor without adding R134a gas (Freon) and connecting to other parts! We can not take responsibility for you if you damage the compressor.
2. Remember! Please screw the controller board firmly. Otherwise, the board will be burned.

Application for generator (battery):

12V compressor requires ampere generator plus 100a

24V compressor requires ampere generator plus 70A.

About the vehicle battery. If you want to use the electric compressor after parking, the battery capacity of your vehicle must be large enough. For example, the current of the 12V compressor is about 45A. Thus, a new and fully charged 45A battery can run the compressor for an hour.

Evaporator:

Cooling capacity: About 22220Btu/h

Evaporator coil: 32 pass 4way all aluminium coil

Motor power of the evaporator fan: 80-100W

Switch: Temperature and 3-speed blowing switch

Compressor data:

Compressor type: semi-hermetic horizontal roller compressor

Material: aluminum alloy

VoltageDC-12V

Displacement 20cc/r

Oil RL68H(POE)) 120ml

Refrigerant(gas) R134a

Working voltage 9.5V-15V

Variable frequency Voltage 4V-9

Rated power <800W

Refrigeration capacity>2400W

Speed Range 1000-3000rpm

Overcurrent protection 80a

COP 3.3

Max noise <70dB (A)

Inner size of the exhaust pipe suction Ø18.3mm

Discharge pipe inner size Ø15.5mm

Led flashing:

Flashing 1 time, pause 1 second: standby mode.

Fast flashing 2 times, pause 1 second: excessive current, more than 50A.

Fast flashing 3 times, pause 1 second: Protection of the locked rotor.

Fast flashing 4 times, pause 1 second: undervoltage protection.

Fast flashing 6 times, pause 1 second: electric fan fault.

Fast flashing 7 times, pause 1 second: lack of phase of the motor. Please check whether the engine has burned out and whether the connection is correct or not.

Fast flashing 8 times, pause 1 second: Compressor overheating protection.

Fast flashing 9 times, pause 1 second: pressure switch protection.

Condenser outdoor unit:

Power: 120w

Outdoor unit dimension (inch): 19.29x14.76x4.72 inches

Whole unit:

R134a gas (Freon):

R134a R134a gas (Freon) required: 600g-1200g