REFRIGERATION TEMPERATURE TROUBLESHOOTING GUIDE

Temperature inside is the same as room temperature, it is not cooling at all.

Damaged Parts	Reason	Signs	Solution
Controller	Controller fails to send signal to compressor	Controller doesn't work, no signal to the wire	Replace the controller
Wire Loose	Compressor out of power or controller without signal	Compressor doesn't work	Check the wires and reconnect it
Pipes or Weld Points	Damaged pipe or bad weld point cause refrigerant leak	When the compressor is on, the compressor becomes very hot in a very short time	Repair the leak point and recharge the refrigerant
Compressor	Compressor fails	There is signal or power but compressor does not work	Replace the compressor
Wrong Parameter	Compressor didn't get right parameter to run	Wrong parameter when checking the settings	Reset the parameter to the factory setting

Temperature inside is lower than room temperature, it is not cooling very well.

Damaged Parts	Reason	Signs	Solution
Evaporator fans or condenser fans	Damaged evaporator fans or condenser fans	Fan does not work	Replace the evaporator fan or condenser fan
Condenser	Condenser is blocked by something	Dirty condenser	Clean the condenser
Capillary tube or other pipes	The capillary tube or other pipes are blocked		Check the pressure in the pipe, determine the blockage position, and replace the pipes.
Pipes or weld point	Damaged pipe or bad weld causes refrigerant to leak		Check the leak point and recharge refrigerant
Gasket	Door gasket is damaged or not sealed well	Condensation inside the unit	Replace the door gasket or fix the leak
Wrong Parameter	Parameters are incorrectly set by end users	Premature compressor shutdown	Reset the parameter to the factory setting

1