

From “Samsung Online Support Forum” for the RF197

Forum: “18 cu. Ft. French Door Refrigerator”

<http://answers.us.samsung.com/answers/7463/product/RF197ACRS/samsung-18-cu-ft-french-door-refrigerator-questions-answers/questions.htm>

97 Questions Answered. These are five specific questions, listed in chronological order, concerning use in a Motorhome with a Modified Sine Wave Inverter...

Modified sine wave

Will your electronically controlled refrigerators such as RF197ACRS run properly on 120VAC 60hz MSW(Modified Sine Wave) electricity?

asked 4 years ago
sunpenland

[Answer](#)

Thank you for your question. The modified sine wave should not be an issue since the refrigerator's power supply rectifies the voltage to DC.

- Ms. Samsung

answered 4 years ago
MsSamsung
SamsungHQ

Using this refrigerator in a motorhome

Will this refrigerator work on a modified sine 2000w 120v inverter while we are not plug into shore power

asked 3 years, 6 months ago
pete12313
Webster Florida

[Answer](#)

Thank you for the question. While the power supply you've described should be sufficient to operate the RF197, the refrigerator is not designed for this type of installation. Samsung would not recommend using this refrigerator in a motor home due to the potential for power interruptions or frequency of powering on and off which could adversely affect the circuit boards, as well as the possibility of seasonal temperature variations from freezing in the winter to very hot in the summer which could compromise the cooling system.

- Ms. Samsung

answered 3 years, 6 months ago
MsSamsung
SamsungHQ

Will the RF197ACRS function properly in an RV with AC power being provided by a modified sine wave inverter?

asked 3 years, 1 month ago
Moose2

[Answer](#)

Thank you for the question. Samsung does not recommend installing the RF197 in an RV for several reasons, including the likely fluctuations in temperature and power. If you do choose to, I would suggest consulting an electrician regarding the appropriateness of the power supply for the refrigerator which is rated for 115V, 60 Hz and 11.6 amps.

- Ms. Samsung

answered 3 years, 1 month ago

Will the RF197 18 cu. ft. refrigerator operate on a modified sine wave inverter?

We are installing it in our motorhome which has a Trace RV2012M inverter with 4 golf cart batteries.

asked 3 years ago
Anonymous

Answer

Thank you for the question. Samsung does not recommend installing the RF197 in a motor home for several reasons, including the likely fluctuations in temperature and power. If you do choose to, I would suggest consulting an electrician regarding the appropriateness of the power supply for the refrigerator which is rated for 115V, 60 Hz and 11.6 amps.

- Ms. Samsung

answered 3 years ago
MsSamsung
SamsungHQ

What is the A/C power sine wave requirements? I want to run this refer on a Xantrex modified sine wave inverter, is this possible?

asked 2 years, 11 months ago
Ron59

Answer

The RF197 should be able to operate on a modified sine wave inverter that meets the 115V/60 Hz/11.6 amp power requirement. However, it is important to note that Samsung does not recommend installing the refrigerator in a motor home or other location with seasonal usage due to the potential for power and temperature fluctuations.

Thank you for the question,
Ms. Samsung

answered 2 years, 11 months ago
MsSamsung
SamsungHQ