

## ABSTRACT

A method for detecting whether a different refrigerant has been charged into a refrigeration apparatus (10) including a refrigerant circuit (20) includes: a charging step of charging a refrigerant into the refrigerant circuit (20); a characteristics determination step of determining whether saturation temperature characteristics of the refrigerant charged in the charging step are identical to saturation temperature characteristics of a previously determined normal refrigerant, the saturation temperature characteristics of the refrigerant being derived from a pressure and a temperature of the refrigerant; and an alerting step of, when, in the characteristics determination step, a determination is made that the saturation temperature characteristics of the charged refrigerant are different from those of the normal refrigerant, issuing an alarm indicating that the charged refrigerant is different from the normal refrigerant.