

ABSTRACT OF THE DISCLOSURE

A driving current value I of a compressor under the defrosting operation is monitored to achieve a calculation current value I_k corresponding to the minimum driving current value for a predetermined time period. A reference current value I_d used for canceling the defrosting operation is determined by a predetermined calculation using the calculation current value I_k and predetermined parameters. Thereafter, the driving current value I of the compressor is further detected, and it is judged whether the driving current value I is not less than the reference current value I_d . If it is judged that the driving current value I is not less than the reference current value I_d , the controller cancels (stops) the defrosting operation.



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