

ABSTRACT

The present invention relates to a motor and especially to a technique for maintaining constant power consumption in preheating a compressor motor in an air conditioner. An object thereof is to permit constant preheating of the motor
5 irrespective of variations in receiving voltage. To accomplish this object, switching control of an inverter (15) that applies a three-phase current to a motor (30) is performed by a control circuit (20) in accordance with a duty based on detected values of voltage (V_m) and current (I_m). This duty decreases with increasing receiving voltage.



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