

Title (en)

MULTI-SPLIT SYSTEM AND METHOD FOR CONTROLLING HEATING THROTTLING ELEMENT THEREOF

Title (de)

MULTISPLIT-SYSTEM UND VERFAHREN ZUR STEUERUNG DER ERWÄRMUNG EINES DROSSELUNGSELEMENTS DAFÜR

Title (fr)

SYSTÈME MULTI-SPLIT ET PROCÉDÉ DE COMMANDE D'ÉLÉMENT D'ÉTRANGLEMENT DE CHAUFFAGE ASSOCIÉ

Publication

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Application

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Abstract (en)

A method for controlling a heating throttling element (35) in a multi-split system comprises: obtaining a target gas discharge pressure of a compressor, or a saturation temperature corresponding to the target gas discharge pressure (S1); controlling the compressor according to the target gas discharge pressure or the saturation temperature corresponding to the target gas discharge pressure to enable the compressor to operate stably, obtaining a high pressure and an intermediate pressure of a bypass device (30) after operation of the compressor becomes stable, and calculating a pressure difference between the high pressure and an intermediate pressure (S2); and obtaining a target pressure difference between the high pressure and an intermediate pressure of the bypass device (30), and adjusting an opening degree of the heating throttling element (35) according to the pressure difference and the target pressure difference. A multi-split system applying the method for controlling the heating throttling element is also disclosed.

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