

Title (en)
MULTI-SPLIT UNIT OPERATIONAL CAPACITY DETECTION METHOD, MULTI-SPLIT UNIT, STORAGE MEDIUM, AND DEVICE

Title (de)
VERFAHREN ZUR ERKENNUNG DER BETRIEBSKAPAZITÄT EINER MULTISPLIT-EINHEIT, MULTISPLIT-EINHEIT, SPEICHERMEDIUM UND VORRICHTUNG

Title (fr)
PROCÉDÉ DE DÉTECTION DE CAPACITÉ OPÉRATIONNELLE D'UNITÉ À DIVISIONS MULTIPLES, UNITÉ À DIVISIONS MULTIPLES, SUPPORT DE STOCKAGE ET DISPOSITIF

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Application
EP 21920599 A 20210831

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Abstract (en)
The present application discloses a multi-split unit operational capacity detection method, a multi-split unit, a storage medium, and a device. Compared with existing schemes in which only the overall energy consumption of a multi-split unit is detected, in the present application, hydraulic module data of a heat-recovery multi-split unit is acquired; the amount of heat of an outdoor unit absorbed by a hydraulic module is determined on the basis of the hydraulic module data; outdoor unit data and indoor unit data of the heat-recovery multi-split unit are acquired; the heating capacity of a condenser and the cooling capacity of an evaporator are determined on the basis of the outdoor unit data, of the indoor unit data, and of the hydraulic module data; the heating capacity of a heating indoor unit and the cooling capacity of a cooling indoor unit are determined on the basis of the heat absorption capacity of the hydraulic module, of the heating capacity of the condenser, and of the cooling capacity of the evaporator; and the operational capacity of the heat-recovery multi-split unit is determined on the basis of the heating capacity of the heating indoor unit, of the cooling capacity of the cooling indoor unit, and of the amount of heat of the outdoor unit absorbed by the hydraulic module.

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