

Title of Invention: AIR CONDITIONER

ABSTRACT

COP deteriorates when a dehumidification operation is executed. In an air conditioner of the present invention, an indoor heat exchanger includes an auxiliary heat exchanger 20 and a main heat exchanger 21 provided leeward from the auxiliary heat exchanger 20. When the air conditioner is driven in a predetermined dehumidification operation mode, a liquid refrigerant supplied to the auxiliary heat exchanger 20 fully evaporates midway in the auxiliary heat exchanger 20. For this reason, only an upstream part of the auxiliary heat exchanger 20 functions as an evaporation region, and an area downstream of the evaporation region of the auxiliary heat exchanger 20 is a superheat region. When the load is high at the selection of a dehumidification operation to start driving, a cooling operation is started and then switching to the dehumidification operation is executed in accordance with the decrease in the load.

Fig. 5