

ABSTRACT

Disclosed is an air conditioning apparatus with two adsorption elements **(81, 82)**. The air conditioning apparatus repeatedly alternately performs a first operation in which air is dehumidified by the first adsorption element **(81)** simultaneously with regeneration of the second adsorption element **(82)** and a second operation in which air is dehumidified by the second adsorption element **(82)** simultaneously with regeneration of the first adsorption element **(81)**. At the time of switching between these operations, only the flow path of air is changed, with the adsorption elements **(81, 82)** remaining stationary. The air conditioning apparatus includes a refrigerant circuit. The refrigerant circuit performs a refrigeration cycle in which a regenerative heat exchanger **(92)** operates as a condenser and either one of first and second cooling heat exchangers **(93, 94)** operates as an evaporator. For example, air, which has robbed heat of adsorption in the first adsorption element **(81)**, is further heated in the regenerative heat exchanger **(92)** and then introduced into the second adsorption element **(82)**. Hereby, the second adsorption element **(82)** is regenerated.



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