

ABSTRACT

A hot heat source heat exchanger (1) receives heat from a primary refrigerant circuit (A) to evaporate liquid refrigerant. The hot heat source heat exchanger (1) is
5 connected to a cold heat source heat exchanger (2) through a gas flow pipe (4) and a liquid flow pipe (5). An indoor heat exchanger (3) is connected to the gas flow pipe (4) through a gas pipe (6) and connected to the liquid flow pipe (5) through
10 a liquid pipe (7). Gas refrigerant evaporated in the hot heat source heat exchanger (1) flows into at least the cold heat source heat exchanger (2). In the cold heat source heat exchanger (2), the gas refrigerant is condensed and refrigerant flow with respect to the indoor heat exchanger
15 (3) is changed in accordance with a cooling or a heating operation requested by the indoor heat exchanger. In the indoor heat exchanger (3), refrigerant is condensed or evaporated.