

ABSTRACT OF THE DISCLOSURE
HEAT PUMP TYPE HOT-WATER SUPPLY AIR CONDITIONER

A heat pump type hot-water supply air conditioner comprises a compressor, a four-way valve, a heat exchanger for heating water connected to said four-way valve, a flow rate control valve for an outdoor-side heat exchanger connected to the heat exchanger for heating water, an outdoor-side heat exchanger connected at one end thereof to the flow rate control valve for an outdoor-side heat exchanger, and a control unit operatively connected to the respective elements mentioned above. The outdoor-side heat exchanger is connected at another one end thereof to the four-way valve so that these elements or members constitute a refrigerating cycle through a refrigerant pipe line and an indoor-side heat exchanger and an indoor-side heat exchanger are further arranged in parallel to the flow rate control valve for the outdoor-side heat exchanger and the outdoor-side heat exchanger, respectively.

Fig. 1