

ABSTRACT

Embodiments of the present application provide a temperature adjusting device, an air conditioning system, a control method, and a readable storage medium. The temperature adjusting device comprises: an evaporative cooling device, having an indoor air supply port and an outdoor air outlet; and a compressor device, comprising a compressor, a first heat exchanger, a second heat exchanger, a third heat exchanger, a first throttling component, a second throttling component, and a reversing valve. The first heat exchanger exchanges heat with indoor air at the indoor air supply port and recovers waste heat, the second heat exchanger exchanges heat with outdoor air at the outdoor air outlet and recovers waste heat, and a refrigerant discharged by the compressor exchanges heat with a heat exchange medium in the third heat exchanger. A first port of the reversing valve is connected to an air discharge port of the compressor, a second port of the reversing valve is connected to the second heat exchanger, and a third port of the reversing valve is connected to an air suction port of the compressor. By the technical solution of the present application, waste heat of a heat source is effectively recovered, a small number of components are added, the overall structure of the device is simple, and the space occupied is small.

Fig. 1