ABSTRACT

A temperature control system (1) includes a plurality of first heat exchangers (21) configured to perform heat exchange between a first heat medium circulating through a first circulation circuit (11) and a third heat medium circulating through a plurality of third circulation circuits (13), and a plurality of first variable flow-rate devices (51) coupled to the plurality of first heat exchangers (21) in series, respectively, by the first circulation circuit (11). When a cooling thermal load on the third heat medium flowing through one of the plurality of third circulation circuits (13) exceeds a cooling load threshold, an operation controller (100) instructs the first variable flow-rate device (51) corresponding to the first heat exchanger (21) coupled to that third circulation circuit (13) to increase a flow rate of the first heat medium from a rated flow rate to an excess flow rate.

FIG. 1