

ABSTRACT OF THE DISCLOSURE

A first refrigeration circuit (1) for a refrigerating apparatus (6) which is formed into a two-stage cascade refrigerating cycle by establishing connection between a high temperature-side refrigerant circuit (3) and a low temperature-side refrigerant circuit (4) through a first refrigerant heat exchanger (5A), a second refrigeration circuit (2) which is formed into a refrigerating cycle different from that of the first refrigeration circuit (1), and a second refrigerant heat exchanger (5B) connected to the low temperature-side refrigerant circuit (4) are provided. The second refrigerant heat exchanger (5B) is connected, through connection piping lines (41, 42), to a liquid piping line (36a) and a suction-side gas piping line (36b) of the second refrigeration circuit (2). First switching means (43, 44) are disposed for selective circulation of a refrigerant of the second refrigeration circuit (2) to the second refrigerant heat exchanger (5B) through the connection piping lines (41, 42), whereby, even when a heat source equipment (11) stops operating in a two-stage cascade refrigerating-cycle refrigeration system applied to a showcase or the like, it becomes possible to achieve continuation of refrigeration operation.