

ABSTRACT OF THE DISCLOSURE

A first refrigeration circuit (1) for a refrigerating apparatus (6A) 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 refrigerant heat exchanger (5), and a second refrigeration circuit (2) which is formed into a refrigerating cycle different from that of the first refrigeration circuit (1) are provided. A liquid piping line (15a) of the high temperature-side refrigerant circuit (3) and a liquid piping line (36a) of the second refrigeration circuit (2) are connected together through a first connection piping line (41) and a suction-side gas piping line (15b) of the high temperature-side refrigerant circuit (3) and a suction-side gas line (36b) of the second refrigeration circuit (2) are connected together through a second connection piping line (42). Switching means (43, 44) are disposed for selective circulation of a refrigerant of the second refrigeration circuit (2) to the refrigerant heat exchanger (5) of the first refrigeration circuit (1) through each of 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 (6) or the like, it becomes possible to achieve continuation of refrigeration operation.