

Abstract

REFRIGERATING MACHINE

A refrigerating machine includes a refrigerating device (1) and a defroster (4). The refrigerating device (1) includes a compressor (11), a condenser (12), a reservoir (13), a heat exchanger (14), a first refrigerating electromagnetic valve (15a), a first expansion valve (16a), a tube-cooled evaporator (2), a second refrigerating electromagnetic valve (15b), a second expansion valve (16b), an air-cooled evaporator (3), and a plurality of pipes (10a, 10b, 10c, 10d, 10g). The defroster (4) includes a micro switch (41), a door-opening relay, a high/low pressure switch (43), a compressor electromagnetic switch, a delay relay (45), a set timer (46), a defrosting timer (47), a defrosting conversion contactor, and a defrosting resetting temperature switch (40). The air-cooled evaporator 3 can absorb hot air entering a refrigerating chamber (5) and absorbing moisture in the hot air to increase the freezing effect and refrigerating efficiency in the refrigerating chamber (5).

Figure 1