

Abstract

A defrosting heater heats frost attached on an evaporator in a refrigerating cycle and eliminate the frost. The defrosting heater includes a glass tube having an opening, a heater wire accommodated in the glass tube, a cap which closes the opening of the glass tube and has an aperture provided therein for communicating between an inside of the glass tube and an outside of the tube, a lead wire extending through the aperture and connected to the heater wire, and a valve provided at the cap for discharging air from the inside of the glass tube. The defrosting heater prevents the glass tube from having a temperature increased so much. Accordingly, even if the refrigerating cycle includes flammable refrigerant, the glass tube has the temperature lower than the igniting point of the flammable refrigerant, hence requiring no consideration for reducing a rise of the temperature.