ABSTRACT

REFRIGERATION SYSTEM

When a guard timer of a compressor (**141**) expires, an R2 signal from a control section (**140**) of an outdoor unit is turned on (Action I). If a control section (**120**) of a freezer unit recognizes from an inside temperature detected by a temperature sensor (**124**) that the R2 signal is turned on and a request for a shift to a freezer thermo-on state is raised (Action II), a freezer electromagnetic valve (**121**) is opened (Action III). In general, when the electromagnetic valve (**121**) is opened, it is supposed that an increase in refrigerant suction pressure is detected by a pressure sensor (**146**) and then the compressor (**141**) is actuated. However, if an outside air temperature is low, the refrigerant suction pressure remains lower than a predetermined value. Therefore, the control section (**120**) actuates a booster compressor (**131**) (Action IV) to raise the refrigerant suction pressure of the compressor (**141**).