ABSTRACT

In a main circuit (**12**) of refrigerant circuitry (**11**), a liquid-side shutoff valve (**23**) is provided between a liquid receiver (**19**) and an indoor heat exchanger (**20**). Downstream of the liquid-side shutoff valve (**23**), a refrigerant charging section (**40A**) including a refrigerant charge valve (**40**) connectable with a refrigerant cylinder (**31**) is provided. The refrigerant circuitry (**11**) includes a pressure relieving circuit (**SVP**) for conducting refrigerant in a high-pressure-side line of the refrigerant circuitry (**11**) to a low-pressure-side line thereof in additional refrigerant charging operation executed by operating compressors (**15, 22**) with the liquid-side shutoff valve (**23**) closed. The refrigerant circuitry (**11**) further includes an injection circuit (**SVT**) for lowering the temperature of refrigerant discharged from the compressors (**15, 22**) by supplying low-temperature refrigerant flowing downstream of an outdoor electronic expansion valve (**18**) to the compressors (**15, 22**) when the superheating degree of the discharged refrigerant is larger than a first predetermined temperature.