ABSTRACT OF THE DISCLOSURE

This refrigerant recovery system is provided with recovery piping 2, heat exchangers 25, 26 and check valves 30, 31, 37, 38. A refrigerant within the recovery piping 2 is heated and cooled by the heat exchangers 25, 26, so that a fluid power is imparted to the refrigerant. This fluid power is regulated to one direction by the check valves 30, 31, 37, 38, by which the refrigerant is transferred in one way within the recovery piping 2. Thus, the refrigerant can be recovered from a gas line 3 and a liquid line 5 with high efficiency. Also, a degassing circuit 306 makes the gas refrigerant within the recovery container 71 merged with the refrigerant within the recovery piping 2 cooled by the heat exchanger 25 or 26, by which the recovery container 71 can be degassed. Also, the refrigerant can be recovered to the recovery container 71 smoothly, so that the refrigerant can be recovered efficiently.