ABSTRACT OF THE DISCLOSURE

There is provided a car air conditioner with a high COP, low GWP and high reliability. A simple refrigerant R32 is filled in a refrigerant circuit 1 of the car air conditioner. This simple refrigerant R32 has a high COP and low GWP, but is easily polarized and produces contaminants and sludge. However, these contaminants and sludge hardly block a motor-driven expansion valve 6 or the like due to vibration and impact of a car. Therefore, this car air conditioner has high reliability. Furthermore, since the simple refrigerant R32 is a simple substance, recycling after collection is easy.

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