

REFRIGERATOR

ABSTRACT

A refrigerator includes: a box body having an opening port in a front surface of the box body and including a first storage compartment to be set to a refrigerating temperature zone and a second storage compartment located higher than the first storage compartment, the second storage compartment being to be set to a freezing temperature zone; a door attached to the front surface of the box body, the door opening or closing the opening port; a partition dividing the first storage compartment and the second storage compartment from each other vertically; a third storage compartment provided lower than the partition and provided in an uppermost portion inside the first storage compartment, the third storage compartment being settable to a minus temperature zone; a first return air passage provided in the partition and through which return cool air in the first storage compartment is returned to a cooler chamber; and a second return air passage provided in the partition and through which return cool air in the third storage compartment is returned to the cooler chamber. The first return air passage and the second return air passage are air passages independent from each other, and the first return air passage and the second return air passage are partitioned from each other by a heat insulator. Having such a configuration, the refrigerator prevents frost formation and clogging caused by frost formation in the first return air passage and the second return air passage and performs stable temperature control.

Fig. 4