casing is carried away when the casing is filled with the heat insulator and the heat insulator is foamed. The connection line may be fixed to an inner wall of the casing to reduce the occurrence of the case where the connection line is carried away. However, a fixing tool and a fixing operation are needed.

[0005]

The present disclosure has an object to provide a refrigerator having an advantageous effect to prevent a connection line from being carried away due to filling with and foaming of a heat insulator.

Solution to Problem

[0006]

A first refrigerator according to one aspect of the present disclosure includes a casing having a storage space inside to store a cooling target and having a top part above the storage space, an outer box that is a part of the casing and exposed to a space outside the casing, a cooling device configured to supply cooled air to the storage space, a controller configured to control the cooling device and fixed to the casing, a wireless communication device positioned at the top part of the casing and configured to communicate with an external device wirelessly, a fastener that fixes the wireless communication device to the outer box, and a connection line laid outside the casing and communicably connecting the wireless communication device and the controller, wherein the wireless communication device includes a wireless communication module configured to transmit and receive radio waves, and a wireless communication device cover that covers the wireless communication module, wherein the casing includes a heat insulator including a foamed heat insulator and positioned closer to the storage space than to the outer box, wherein the top part of the casing has a top space between the outer box and the heat insulator, and wherein at least a part of the fastener is positioned at the top space, wherein the wireless communication device cover includes a catch protruding toward a space in which the wireless communication device is housed, wherein the outer box has a hole that allows the top space to communicate with a space outside of the casing, wherein the fastener has a base positioned in the top space, and a fitting portion provided on the base and protruding toward the space outside the casing through the hole of the outer box, wherein the catch is fitted with the fitting portion, and wherein the base closes the hole of the outer box from a place near the storage space.

[0007]

A second refrigerator according to one aspect of the present disclosure includes a casing having a storage space inside to store a cooling target, a cooling device configured to supply cooled air to the storage space, a controller configured to control the cooling device and fixed to the casing, a controller cover that covers the controller, a wireless communication device configured to communicate with an external device wirelessly, a fastener that fixes the wireless communication device to the controller cover, and a connection line laid outside the casing and communicably connecting the wireless communication device and the controller.

Advantageous Effects of Invention

[0008]