CLAIMS

[Claim 1]

A heat-insulating cabinet comprising: an inner box; an outer box; and a vacuum heat insulator and a foam heat insulator that fill a space between the inner box and the outer box,

the heat-insulating cabinet having a part of a lower portion thereof, which is recessed inwards and forms a machine chamber where a compressor is to be disposed,

wherein one bent vacuum heat insulator is disposed within a bottom portion of the heat-insulating cabinet and an upright wall of the machine chamber, standing upright from the bottom portion, and extends from the bottom portion to the upright wall,

wherein the outer box includes, in at least an area that forms the upright wall, at least one first projection projecting toward the inner box, ~~and~~

wherein the vacuum heat insulator extending from the bottom portion to the upright wall is provided between the inner box and the outer box while being in contact with the first projection, and is disposed at a predetermined distance from the outer box, except for the first projection, within the upright wall, and

wherein the vacuum heat insulator extending from the bottom portion to the upright wall is provided with one of

a tape-shaped heat insulator which is wound around a distal end of a portion thereof disposed in the bottom portion, and

a tape-shaped heat insulator which is attached on an area of the distal end of the portion thereof disposed in the bottom portion and the area is opposed to the outer box.

[Claim 2]

The heat-insulating cabinet of claim 1, wherein the outer box includes an area which forms the bottom portion, in which the vacuum heat insulator extending from the bottom portion to the upright wall is provided, and in which projection projecting toward the inner box is absent.

~~wherein the outer box includes, in an area that forms the bottom portion, at least one second projection projecting toward the inner box,~~

~~wherein the vacuum heat insulator extending from the bottom portion to the upright wall is provided between the inner box and the outer box such that a portion thereof provided in the upright wall is in contact with the first projection, and a portion thereof provided in the bottom portion is in contact with the second projection, and~~

~~wherein the vacuum heat insulator is disposed at a predetermined distance from the outer box, except for the first projection, within the upright wall, and is disposed at a predetermined distance from the outer box, except for the second projection, within the bottom portion.~~

~~[Claim 3]~~

~~The heat-insulating cabinet of claim 1,~~

~~wherein the outer box includes an area which forms the bottom portion and in which a projection projecting toward the inner box is absent, and~~

~~wherein the vacuum heat insulator extending from the bottom portion to the upright wall is provided with one of a tape-shaped heat insulator which is wound around a vicinity of a distal end of a portion thereof disposed in the bottom portion, and a tape-shaped heat insulator which is attached on an area opposed to the outer box near the distal end of the portion thereof disposed in the bottom portion.~~

[Claim 34]

The heat-insulating cabinet of ~~any one of claims 1 to 3~~ claim 1 or 2, wherein the first projection is opposed to a vicinity of a distal end of a portion of the vacuum heat insulator disposed in the upright wall.

~~[Claim 5]~~

~~The heat-insulating cabinet of claim 2 or claim 4 as dependent on claim 2, wherein the second projection is opposed to a vicinity of the distal end of the portion of the vacuum heat insulator disposed in the bottom portion.~~

[Claim 46]

A refrigerator comprising:

the heat-insulating cabinet of any one of claims 1 to 35; and

a cooling device including a compressor and configured to cool air to be supplied to a storage compartment provided in the heat-insulating cabinet,

wherein the compressor of the cooling device is disposed in the machine chamber.