[CLAIMS]

[Claim 1] A heat pump apparatus, comprising:

a base;

a heat exchanger installed on the base, the heat exchanger being configured to exchange heat between refrigerant and liquid;

a first connection portion that is connectable to an external liquid pipe;

a second connection portion that is connectable to an external liquid pipe;

a first pipe that connects the heat exchanger and the first connection portion to each other;

a second pipe that connects the heat exchanger and the second connection portion to each other; and

a support component fixed to the base, the support component being configured to support the first connection portion and the second connection portion,

wherein, over an entire length of the first pipe, a longitudinal direction of each portion of the first pipe extends horizontally or upward from the first connection portion toward the heat exchanger,

wherein the support component has a cutout portion,

wherein the first pipe and the second pipe are inserted to the cutout portion,

wherein the heat pump apparatus further comprises a member to be supported including the first connection portion and the second connection portion,

wherein the member to be supported is fixed to the support component,

and wherein the member to be supported covers the cutout portion entirely.

[Claim 2] The heat pump apparatus according to claim 1, wherein the first pipe communicates to a lowermost part of a liquid flow path of the heat exchanger.

[Claim 3] The heat pump apparatus according to claim 1 or 2, wherein, over an entire length of the second pipe, a longitudinal direction of each portion of the second pipe extends horizontally or downward from the second connection portion toward the heat exchanger.

[Claim 4] The heat pump apparatus according to any one of claims 1 to 3, wherein

for assembling, after an assembly including the heat exchanger, the first connection portion, the second connection portion, the first pipe, and the second pipe is placed on the base before the

support component is mounted to the base, the support component is mountable to a fixation position such that the first pipe and the second pipe are inserted to the cutout portion.

[Claim 5] The heat pump apparatus according to any one of claims 1 to 4, further comprising:

a first screw that fixes the support component to the base; and

a second screw that fixes the member to be supported to the support component,

wherein the first screw and the second screw are allowed to be fastened from the same direction.

[Claim 6] The heat pump apparatus according to any one of claims 1 to 5, wherein the cutout portion has an opening at a side part of the support component.

[Claim 7] The heat pump apparatus according to any one of claims 1 to 6, further comprising a discharge unit for removing the liquid, the discharge unit being provided near the first connection portion.