CLAIMS

1. An indoor unit (1) for an air conditioner comprising:

a fan (30) configured to blow air toward the front direction of the indoor unit (1);

a heat exchanger (40) configured to exchange heat between refrigerant and air blown from the fan (30);

a casing (10) configured to house the fan (30) and the heat exchanger (40);

a partition wall (26) configured to be disposed in a space inside of the casing (10) between a fan storage area (20) for storing the fan (30) and a heat exchanger storage area (22) for storing the heat exchanger (40);

a pair of connection pipes (52,54) including one connection pipe configured for liquid refrigerant to flow and the other connection pipe configured for gas refrigerant to flow, and for each of which to connect to the heat exchanger (40), to extend in right and left directions of the indoor unit (1), and having connection parts (56) at both ends; and

a connection pipe storage member (60) which is formed by a first wall surface member (62) on a fan (30) side and a second wall surface member (64) on a heat exchanger (40) side, in which a connection pipe storage area (24) is formed between the fan storage area (20) and the heat exchanger storage area (22), wherein the connection pipe storage area (24) is configured to house the pair of the connection pipes (52,54).

2. The indoor unit (1) for the air conditioner of claim 1, configured for two connection pipes (52,54) on one side of the indoor unit (1) to extend through one connection pipe opening (14) to the outside of the casing (10), for a pair of connection parts (56) to be provided on both sides of the connection pipes (52,54), and for seals (70a,70b) to be attached around the connection pipes (52,54) so as to hermetically close the connection pipe opening (14).

3. The indoor unit (1) for the air conditioner of claim 1 or claim 2, wherein an outer periphery of a cross section of the connection pipe storage member (60) in front and rear direction of the indoor unit (1) comprises the first wall surface member (62) which is formed along the outer shape of the fan (30) and the second wall surface member (64) which is formed along the outer shape of the heat exchanger (40).

4. The indoor unit (1) for the air conditioner of claim 3, configured for the partition wall (26) to be positioned above the connection pipe storage member (60), and for a fan discharge port (36) of the fan (30) to penetrate the partition wall (26).