CLAIMS

1. A outdoor unit for an air-conditioning apparatus, comprising:

a bottom plate made of metal;

a heat exchanger made of metal that is different from metal of the bottom plate, which includes a front surface portion, a corner portion bent from one end of the front surface portion toward the front side and a side surface portion extending further toward the front side from the corner portion, and which is formed in an L-shape when viewed from above so that a length in the longitudinal direction of the front surface portion is made longer than that of the side surface portion when viewed from above, and which is installed on the bottom plate so that surfaces of the front surface portion, the corner portion and the side surface portion, into which air flows, face outward; and

an upper support which continuously covers the front surface portion, the corner portion and the side surface portion when viewed from above, which includes a groove opening downward so that a top portion of the heat exchanger fits to the groove of the upper support;

wherein the upper support includes an upper support front portion which covers the front surface portion, an upper support corner portion which covers the corner portion, and an upper support side portion which covers the side surface portion, and

wherein a width of the upper support corner portion is made wider than that of the upper support front portion when viewed from above.

2. The outdoor unit for an air-conditioning apparatus of claim 1, wherein the upper support includes hook members inside the groove, and wherein the hook members are hooked to the front surface portion and side surface portion.

3. The outdoor unit for an air-conditioning apparatus of claim 2, wherein the hook member includes a plural of hook which are formed to be separate from each other.

4. The outdoor unit for an air-conditioning apparatus of claim 1,

~~wherein the upper support includes an upper support front portion which covers the front surface portion, an upper support corner portion which covers the corner portion, and an upper support side portion which covers the side surface portion,~~

wherein the upper support includes a pair of side plates so that the groove is formed between the side plates,

~~wherein a width of the upper support corner portion is made wider than that of the upper support front portion when viewed from above,~~

wherein the upper support corner portion include a first corner wall which is included in the side plate and faces the inside of the outdoor unit, and

wherein the upper support side portion include a side wall which is included in the side plate and faces the outside of the outdoor unit.

5. The outdoor unit for an air-conditioning apparatus of claim 4, wherein a groove width of the upper support corner portion is made wider than that of the upper support front portion.

6. The outdoor unit for an air-conditioning apparatus of claim 5, wherein the upper support corner portion further includes a second corner wall which is included in the side plate and faces the outside of the outdoor unit, and wherein the first corner wall and the second corner wall are oppositely disposed by interposing the groove.

7. The outdoor unit for an air-conditioning apparatus of claim 1, wherein the outdoor unit further includes a fan motor support to which a fan motor is fixed, and wherein the upper support includes a recess portion which is formed to engage the fan motor support.

8. The outdoor unit for an air-conditioning apparatus of claim 1, wherein the heat exchanger is made of aluminum or aluminum alloy.