

ABSTRACT

AIR CONDITIONER AND RADIATION AIR CONDITIONER USING SAME

5           An air conditioner includes a housing having an air intake port and a blow-out port respectively arranged on one surface and another surface opposite thereto which cross a horizontal surface. A heat exchanger and a cross flow fan are arranged in the housing in a row. The cross flow fan has an upper half driven so as to rotate in a direction from the heat exchanger toward the blow-out port.

10   Bending of an in-machine flow passage being a flow passage of air inside the housing is indispensable for a blowing operation by the rotation of the cross flow fan. The air conditioner is provided with an air flow controller to achieve the bending of the in-machine flow passage, which generates an air flow going toward the cross flow fan from obliquely below on the air intake port side, and generates

15   an air flow traveling obliquely downward from the cross flow fan on the blow-out port side.

FIG. 9