CLAIMS

1. An indoor air-conditioning unit (100) comprising:

a chassis body (102) having a discharge outlet (118) at top of a front portion of the chassis body (102);

a second air guider (106) positioned at the top of the discharge outlet (118) receiving air through a first air guider (104) that is positioned within the chassis body (102), to guide the air blowing out of the discharge outlet (118); and

a stabilizer (108) provided at bottom of the discharge outlet (118);

characterized in that downstream of the second air guider (106) is positioned in front of downstream of the stabilizer (108) such that the downstream of the second air guider (106) is projecting out from a vertical plane of the downstream of the stabilizer (108) for improving cold air blowing performance by a diffuser effect.

2. The indoor air-conditioning unit (100) of claim 1 wherein chassis body (102) includes an adjustable vane (110) hinged to the chassis body (102) such that it opens at the downstream of the stabilizer (108).

3. The indoor air-conditioning unit (100) of claim 1 wherein the first air guider (104) and the second air guider (106) are arranged in a continuous manner.

4. The indoor air-conditioning unit (100) of claim 1 wherein an angle of the adjustable vane (110) with the stabilizer (108) is adjustable during operation.

5. The indoor air-conditioning unit (100) of claim 1 wherein the adjustable vane (110) is positioned to align with the stabilizer (108).

6. The indoor air-conditioning unit (100) of claim 1 wherein the downstream of the second air guider (106) extends beyond the vertical plane of the discharge outlet (118).