WHAT IS CLAIMED IS:

1. A device for generating airflow comprising:

a case for dividing inner space into a couple to be faced separately side by side in the length direction, wherein an inhalation hole and an outlet hole are formed in the space, respectively, and an opening hole connected to the outlet hole is formed between the space; and

a couple of rotation units rotatably mounted in the space and emitting outside air from the inhalation hole to the outlet hole through mutual reverse rotation by power of a motor,

wherein airflow pulling air current between the opening holes is generated by making air pressure difference between the outlet hole and inhalation hole by the emitted air through the outlet hole.

2. The device of claim 1, wherein the case comprises:

an upper unit contacting and fixed with an installation face of the device by bending rectangular board and including a duct hole thereon;

a joint unit facing each other by bending both sides of the upper unit perpendicularly;

a couple of space units formed toward an upper direction by curving and bending a lower part of the joint unit in a semicircle and including a space therein; and

a finishing unit located on an upper part of the rotation unit mounted in the space to divide a space as well as guide airflow from the opening hole to an upper part of the joint unit.

3. The device of claim 1, wherein the case comprises:

an upper unit perpendicularly fixed on a ceiling where the device is mounted;

a space unit connected to the upper unit and forming a couple of arc-shaped spaces separated mutually therein; and

a finishing unit jointed with the space unit toward a lower direction to guide the emitted air from the outlet hole to a lower part of the opening hole.

4. The device of claim 1, wherein the case comprises:

an upper unit horizontally fixed on a surface of walls of a space where the device is mounted to connect indoor and outdoor;

a space unit mounted in the upper unit and forming a couple of arc-shaped spaces separated mutually therein; and

a finishing unit horizontally jointed with the space unit to guide the emitted air from the outlet hole to the opening hole.

5. The device of claim 2, wherein the inhalation hole connected to the space is formed in the joint unit, and the outlet hole is formed between the finishing unit and space unit, an inlet hole is formed between the couple of space units, and the duct hole for connecting a duct is formed on the upper part.

6. The device of claims 3, wherein a LED lamp is installed at the end of the finishing unit.

7. The device of claim 3, wherein a heating wire is installed in the space to generate heat blow by the rotation unit.

8. The device of claim 4, wherein the case includes a shield rotated by the motor to selectively open and close the opening hole.

9. The device of any one of claims 2, 3, and 4, wherein the finishing unit has a wide open inclination toward airflow.

10. The device of claim 1, wherein a hood for kitchen, a ceiling fan, and a ventilator are applicable.

WHAT IS CLAIMED IS:

1. A device for generating airflow comprising:

   a case for dividing inner space into a couple to be faced separately side by side in the length direction, wherein an inhalation hole and an outlet hole are formed in the space, respectively, and an opening hole connected to the outlet hole is formed between the space; and

   a couple of rotation units rotatably mounted in the space and emitting outside air from the inhalation hole to the outlet hole through mutual reverse rotation by power of a motor,

   wherein airflow pulling air current between the opening holes is generated by making air pressure difference between the outlet hole and opening hole by the emitted air through the outlet hole.

2. The device of claim 1, wherein the case comprises:

   an upper unit contacting and fixed with an installation face of the device by bending rectangular board and including a duct hole thereon;

   a joint unit facing each other by bending both sides of the upper unit perpendicularly;

   a couple of space units formed toward an upper direction by curving and bending a lower part of the joint unit in a semicircle and including a space therein; and

   a finishing unit located on an upper part of the rotation unit mounted in the space to divide a space as well as guide airflow from the opening hole to an upper part of the joint unit.

3. The device of claim 1, wherein the case comprises:

   an upper unit perpendicularly fixed on a ceiling where the device is mounted;

   a space unit connected to the upper unit and forming a couple of arc-shaped spaces separated mutually therein; and

   a finishing unit jointed with the space unit toward a lower direction to guide the emitted air from the outlet hole to a lower part of the opening hole.

4. The device of claim 1, wherein the case comprises:

an upper unit horizontally fixed on a surface of walls of a space where the device is mounted to connect indoor and outdoor;

a space unit mounted in the upper unit and forming a couple of arc-shaped spaces separated mutually therein; and

a finishing unit horizontally jointed with the space unit to guide the emitted air from the outlet hole to the opening hole.

5. The device of claim 2, wherein the inhalation hole connected to the space is formed in the joint unit, and the outlet hole is formed between the finishing unit and space unit, an inlet hole is formed between the couple of space units, and the duct hole for connecting a duct is formed on the upper part.

6. The device of claim 3, wherein a LED lamp is installed at the end of the finishing unit.

7. The device of claim 3, wherein a heating wire is installed in the space to generate heat blow by the rotation unit.

8. 8. The device of claim 4, wherein the case includes a shield rotated by the motor to selectively open and close the opening hole.

9. The device of any one of claims 2, 3, and 4, wherein the finishing unit has a wide open inclination toward airflow.

10. The device of claim 1, wherein a hood for kitchen, a ceiling fan, and a ventilator are applicable.