CLAIMS

What is claimed is:

1. An air fryer, comprising:

a housing defining a cooking cavity and a heating cavity, the heating cavity being located behind the cooking cavity;

a heating device arranged in the housing to heat the cooking cavity; and

a food container configured to receive food to be fried, the food container being adapted to be placed in the cooking cavity,

wherein the heating cavity has a lower portion provided with a heating-cavity air outlet, the food container has a rear end provided with an air guiding edge, and when the food container is placed in the cooking cavity, the air guiding edge is located below the heating-cavity air outlet to guide airflow from the heating-cavity air outlet to the food container; and

wherein the air guiding edge extends rearwards and upwards in an arc shape.

2. The air fryer according to claim 1, wherein a ratio of a length of the air guiding edge in a front-and-rear direction to a height of the air guiding edge in an up-and-down direction is 1~5, 2~4, or 2.5~3.5.

3. The air fryer according to claim 1 or 2, wherein a minimum angle between a tangent line at a rear end of the air guiding edge and a horizontal direction is 45~90 degrees, 50~70 degrees, or 60 degrees.

4. The air fryer according to any one of claims 1 to 3, wherein the heating device comprises a heating member and a hot air fan, and the heating cavity has a front surface provided with a heating-cavity air inlet.

5. The air fryer according to any one of claims 1 to 3, wherein the heating-cavity air outlet comprises a plurality of sub air outlets spaced apart in a left-and-right direction.

6. The air fryer according to claim 5, wherein each sub air outlet is provided with an air blocking piece extending upwards.

7. The air fryer according to claim 6, wherein the air blocking piece is located at a left edge or a right edge of each sub air outlet.

8. The air fryer according to claim 7, wherein the heating device comprises a heating member and a hot air fan, the hot air fan rotates clockwise when viewed from rear to front, the air blocking piece is located at the left edge of each sub air outlet; or the hot air fan rotates clockwise when viewed from front to rear, the air blocking piece is located at the right edge of

each sub air outlet.

9. The air fryer according to any one of claims 6 to 8, wherein a length of each air blocking piece in a vertical direction increases gradually from inside to outside.

10. The air fryer according to any one of claims 1 to 3, wherein the heating device comprises a heating member and a hot air fan, and the heating cavity comprise:

a vertical portion, the heating-cavity air outlet being defined in a lower surface of the vertical portion; and

a circular portion located above the vertical portion and coupled to the vertical portion, the heating member and the hot air fan being arranged in the circular portion.

11. The air fryer according to claim 10, wherein a central axis of the hot air fan and a central axis of the circular portion are misaligned.

12. The air fryer according to claim 10 or 11, wherein the hot air fan rotates clockwise when viewed from rear to front, and in a left-and-right direction a central axis of the hot air fan is located at a left side of a central axis of the circular portion; or the hot air fan rotates clockwise when viewed from front to rear, and in the left-and-right direction, the central axis of the hot air fan is located at a right side of the circular portion.

13. The air fryer according to any one of claims 10 to 12, wherein in an up-and-down direction, a central axis of the hot air fan is located below a central axis of the circular portion.

14. The air fryer according to any one of claims 10 to 13, wherein a distance between an outer circumferential edge of the hot air fan and an inner circumferential face of the circular portion increases gradually in a rotation direction of the hot air fan.

15. The air fryer according to any one of claims 10 to 14, wherein the heating member is coiled in the circular portion.

16. The air fryer according to any one of claims 1 to 3, wherein the heating device comprises a heating member and a hot air fan, the heating cavity has a front surface provided with a heating-cavity air inlet, the heating-cavity air inlet comprises a plurality of air holes, and at least a part of the plurality of air holes is opposite to the heating member in a front-and-rear direction.

17. The air fryer according to any one of claims 1 to 16, wherein the food container fits with the cooking cavity in a pull-push manner between a closed position where the food container closes the cooking cavity and a separation position where the food container is separated from the cooking cavity.

18. The air fryer according to any one of claims 1 to 17, wherein the food container

comprises:

an outer container, the outer container fitting with the cooking cavity in a pull-push manner between a closed position where the outer container closes the cooking cavity and a separation position where the outer container is separated from the cooking cavity; and

an inner container detachably fitted in the outer container, and the inner container having a bottom wall provided with a container air inlet and a rear wall provided with a container air outlet.