WHAT IS CLAIMED IS:

1. A baffle plate for a compressor, ~~comprising~~wherein, the compressor comprises a cylinder, a motor and a silencer arranged between the cylinder and the motor; and the baffle plate comprises:

a plate body;

a through hole, being formed in the plate body, ~~from which~~and the plate body comprises an inner plate and an outer plate, the inner plate extends ~~to~~ in the direction deviating from the axis of the through hole and a direction parallel to the axis of the through hole at the same time, and the outer plate extends only in the direction deviating from ~~an~~the axis of the through hole; and

a connection part~~, being connected with~~ formed in the plate body and used for connecting the plate body to a non-rotating member,

the baffle plate further comprises:

a flanging, being connected with an outer edge of the outer plate ~~body~~, wherein an arc transition part is connected between the outer plate ~~body~~ and the flanging, and has a radius of curvature of 1 mm to 6 mm and a central angle of 35° to 145°; and~~/or~~

~~at least one exhaust through hole, being formed in the plate body and used for exhausting gas; and/or~~

at least one assembly yielding hole, being formed in the inner plate ~~body~~.

2. The baffle plate for a compressor of claim 1, wherein

the connection part comprises one or a combination of a welding part, a riveting part and an adhesion part.

3. The baffle plate for a compressor of claim 1 or claim 2, wherein

~~the plate body is one or a combination of a flat plate, an arc plate, a curved plate and a multi-section plate.~~

~~4. The baffle plate for a compressor of claim 3, wherein~~

~~the plate body extends in a direction parallel to the axis of the through hole.~~

~~5. The baffle plate for a compressor of any one of claims 1-4, wherein~~

the baffle plate has a thickness of 0.5 mm to 4 mm.

~~6~~4. A compressor, comprising:

the baffle plate for a compressor of any one of claims ~~1-~~1 to 3.~~5.~~

~~7.~~5. The compressor of claim ~~6~~4, further comprising:

a cylinder;

a rotating shaft, penetrating through the cylinder;

a motor, being connected with a part of a shaft section of the rotating shaft extending out of the cylinder and driving the rotating shaft to rotate; and

a housing, in which the cylinder, the rotating shaft, the motor and the baffle plate are located,

wherein the baffle plate is located between the cylinder and the motor, and the rotating shaft penetrates through the through hole of the baffle plate.

~~8~~6. The compressor of claim ~~7~~5, wherein

if a plane perpendicular to the axis of the rotating shaft is taken as a reference plane, a projection of a rotor of the motor on the reference plane is located within an outer contour of a projection of the baffle plate on the reference plane.

~~9~~7. The compressor of claim ~~7~~5 or ~~8~~6, wherein

a distance between the outer edge of the baffle plate and the housing is less than or equal to 20% of an inner diameter of the housing.

~~10~~8. The compressor of any one of claims 5-~~7~~ ~~9~~, further comprising:

a main bearing, being sleeved on the rotating shaft and located on one side of the cylinder facing the motor; and

a silencer, being arranged on one side of the main bearing deviating from the cylinder, wherein the rotating shaft penetrates through the silencer,

the non-rotating member is one or a combination of the housing, the main bearing and the silencer.

~~11~~9. The compressor of claim ~~10~~8, wherein

~~the exhaust through hole of the baffle plate is located at one side of an exhaust port of the silencer facing the motor, and faces the exhaust port; and/or~~

the silencer is provided with an assembly part, wherein the silencer is connected with the main bearing through the assembly part, and the assembly yielding holes of the baffle plate face the assembly part.

~~12~~10. The compressor of claim ~~10~~8, wherein

the baffle plate is located between the silencer and the motor, and an aperture of the through hole of the baffle plate is greater than or equal to that of the central hole of the silencer.

~~13~~11. A refrigeration apparatus, comprising:

the baffle plate for a compressor according to any one of claims 1-~~5~~3; or

the compressor according to any one of claims ~~6-12~~4-10.