CLAIMS

1. A packaged compressor comprising inside a package:

a compressor main body compressing air;

a cooling fan;

a fan cover attached to the cooling fan and opened to a suction side and to an upward direction being a delivery side of the cooling fan;

an exhaust duct provided above a delivery side opening of the fan cover and extending to an exhaust port in a vertical direction; and

an air-cooled heat exchanger arranged to be inclined with respect to a vertical direction between the cooling fan and the exhaust port inside the exhaust duct extending in a vertical direction so that the cooling fan cannot be directly viewed from the exhaust port and configured to exchange heat between air compressed by the compressor main body and air delivered by the cooling fan.

2. The packaged compressor according to claim 1, wherein

a suction side opening of the fan cover opens to a horizontal direction, and

the package includes an intake port for introducing cooling air in a height position where the cooling fan cannot be directly viewed through the suction side opening.

3. The packaged compressor according to claim 1 or 2, further comprising a sound insulating plate installed in a vertical direction on an upper side of the air-cooled heat exchanger inside the exhaust duct, wherein the upper side of the air-cooled heat exchanger is directed to the exhaust port.

4. The packaged compressor according to claim 3, wherein the sound insulating plate is installed so as to cross a ventilation direction of the air-cooled heat exchanger.

5. The packaged compressor according to claim 3 or 4, wherein a sound absorbing material is stuck to the sound insulating plate.

6. The packaged compressor according to any one of claims 1 to 5, wherein a sound absorbing material is stuck to an inner surface of the exhaust duct on a downstream side of the air-cooled heat exchanger.