CLAIMS

1. A gas supply device comprising:

a gas passage through which gas is supplied to a target space;

a filter unit provided at an inlet of the gas passage;

an air pump provided on the gas passage; and

a heating unit that heats gas flowing into a filter provided in the filter unit,

wherein the target space is an interior space of a container used for maritime transport, or an interior space of a warehouse in a coastal area, and

the gas passage is a passage through which outdoor air is supplied to the target space.

2. A gas supply device comprising:

a gas passage through which gas is supplied to a target space;

a filter unit provided at an inlet of the gas passage;

an air pump provided on the gas passage;

a heating unit that heats gas flowing into a filter provided in the filter unit; and

a salt amount detection unit that detects an amount of salt adhering to the filter provided in the filter unit.

3. The gas supply device according to claim 2,

wherein the heating unit is configured to heat the gas flowing into the filter in a case where the amount of salt detected by the salt amount detection unit is equal to or higher than a reference salt amount and a relative humidity of the gas is equal to or higher than a humidity reference value.

4. An interior air adjustment device comprising:

a gas supply device; and

a mixed gas generator that generates, from air taken in through a filter unit of the gas supply device, mixed gas having a higher nitrogen concentration and a lower oxygen concentration than the air,

wherein the gas supply device includes:

a gas passage through which gas is supplied to a target space;

the filter unit provided at an inlet of the gas passage;

an air pump provided on the gas passage; and

a heating unit that heats gas flowing into a filter provided in the filter unit,

and

the interior air adjustment device is configured to supply the gas generated by the mixed gas generator to the target space using the air pump.

5. A container refrigeration device comprising:

a casing mounted on a container;

a component of a refrigerant circuit attached to the casing; and

an interior air adjustment device attached to the casing,

the container refrigeration device being configured to cool an interior space of the container and to supply mixed gas to the interior space of the container by the interior air adjustment device,

wherein the interior air adjustment device is the interior air adjustment device according to claim 4.

6. The container refrigeration device according to claim 5,

wherein the heating unit is configured to heat the gas using air that has passed through a condenser provided in the refrigerant circuit.