

COOLING SYSTEM

Abstract

[Solving Means] A cooling system according to an embodiment includes: a refrigerant flow device (10) that includes a refrigerant flow path (11) through which a refrigerant flows and a control valve (14) that is provided in the refrigerant flow path (11) and controls flow of the refrigerant; and a pressure reducing device (20) that includes an introduction port (20A) and an outflow port (20B), the introduction port (20A) being connected to a downstream end (11D) of the refrigerant flow path (11) and sucking a gas from the refrigerant flow path (11), the outflow port (20B) being connected to an upstream end (11U) of the refrigerant flow path (11) and causing the gas sucked from the introduction port (20A) to flow into the refrigerant flow path (11) from the upstream end (11U) of the refrigerant flow path (11), the refrigerant flow path (11) allowing the refrigerant included in the gas flowed in from the pressure reducing device (20) to flow, the refrigerant flow device (10) including a temperature control unit (16) that cools a temperature control target by the refrigerant, on a downstream side of the control valve (14) in the refrigerant flow path (11).

Fig. 1