

COOLING SYSTEM AND COOLING METHOD

ABSTRACT

Cooling system and cooling method that enable preventing breakdown of coolant pump is provided. The cooling system, includes: evaporator for evaporating coolant by heat exchange with indoor air as an object of air conditioning; condenser for cooling and condensing coolant evaporated by evaporator; coolant liquid storage section that communicates with condenser and stores coolant liquid flowing in from condenser; coolant pump that communicates with coolant liquid storage section and pressure-transmits coolant liquid toward evaporator, the coolant liquid flowing in from coolant liquid storage section; coolant liquid detection units for individually detecting whether or not liquid level of coolant liquid stored in coolant liquid storage section is higher than or equal to respective plural heights including first height and second height higher than first height in coolant liquid storage section; and control unit that changes motor rotation speed of coolant pump, corresponding to detection result input from coolant liquid detection units.

20 Fig. 1