

ABSTRACT

The present invention provides a cooling system that sufficiently cools air without a freeze cycle by using latent heat from the vaporization of water and heat exchange.

5 Provided in one embodiment is a cooling system comprising: a housing; first and second flow paths formed in the housing; a first heat exchanger disposed on the first flow path; a main water supplier disposed above the first heat exchanger to supply water thereto; a second heat exchanger disposed

10 on the second flow path; and a gas-liquid contact part disposed on the second flow path so as to pass there-through the air that has passed through the second heat exchanger, wherein the first heat exchanger and the second heat exchanger are connected to each other such that a cooling

15 fluid can circulate there-between, and a pump for circulating the cooling fluid is disposed between the first heat exchanger and the second heat exchanger.

(Fig. 2)