

ABSTRACT

An object of the present invention is to provide a heat-exchanging ventilation system having a high degree of freedom of installation location and having a high efficiency of ventilation. To achieve the above object, the heat-exchanging ventilation system comprises: an air-supplying unit 17 incorporating a fan 35; an air-supplying heat-exchanger 32 provided in an air-supplying passage 30 of the air-supplying unit 17; an air-exhausting unit 18 incorporating an exhaust fan 41; an air-exhausting heat-exchanger 39 provided in an air-exhausting passage 37 of the air-exhausting unit 18; and a circulation mechanism 50, 51, 54 connecting the air-supplying heat-exchanger 32 and the air-exhausting heat-exchanger 39 for circulation of fluid flowing through both heat-exchangers 32, 39. When the air is supplied through the air-supplying passage 30 of the air-supplying unit 17, the air-supplying heat-exchanger 32 exchanges the heat, and when the air is exhausted through the air-exhausting passage 37 of the air-exhausting unit 18, the air-exhausting heat-exchanger 39 exchanges the heat.