

ABSTRACT

It is an object of the present invention to provide a heat exchanging unit (100, 200) that can maintain, more effectively than a conventional heat exchanging unit, the cleanliness of a heat exchange element (12, 220). The heat exchanging unit (100, 200) comprises an indoor air exhaust passageway (8), an outdoor air supply passageway (9), a heat exchange element (12, 220), and a first air cleaning member (12b, 220b). The indoor air exhaust passageway (8) exhausts indoor air to an outdoor space as exhaust air (EA). The outdoor air supply passageway (9) supplies outdoor air to an indoor space as supply air (SA). The heat exchange element (12, 220) exchanges at least the sensible heat of the sensible heat and the latent heat between the exhaust air (EA) and the supply air (SA). In addition, the heat exchange element (12, 220) communicates with the indoor air exhaust passageway (8) and the outdoor air supply passageway (9). The first air cleaning member (12b, 220b) is provided to the supply airflow upstream side of the heat exchange element (12, 220). In addition, the first air cleaning member (12b, 220b) supports an apatite that has a photocatalytic function.