

HEAT EXCHANGER, HEAT EXCHANGER UNIT, AND REFRIGERATION CYCLE APPARATUS

ABSTRACT

5 A heat exchanger, a heat exchanger unit, and a refrigeration cycle apparatus are provided where deterioration in drainage properties and ventilation properties is prevented, an air passage is not easily clogged when frost forms, and both defrosting properties and heat exchange performance are achieved. A flat tube and a plurality of fins that are each a plate having a plate surface extending in a longitudinal
10 direction and in a width direction orthogonal to the longitudinal direction are provided. The plate surface intersects a pipe axis of the flat tube. The plurality of fins are arranged at an interval from one another. The plurality of fins each have an insertion portion in which the flat tube is inserted, a first spacer formed at a rim of the insertion portion and maintaining the interval, and a second spacer formed at a portion of the
15 plate other than the rim of the insertion portion and maintaining the interval. The first spacer is positioned at one end portion in a longitudinal direction of a section of the rim of the insertion portion, and the section is perpendicular to the pipe axis of the flat tube.

20 Fig. 3