

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 heat exchange performance is improved, and drainage properties
and resistance against frost formation are improved. A flat tube and a plurality of fins
that are each a plate having a plate surface extending in a longitudinal direction and
in a width direction orthogonal to the longitudinal direction are provided. The plate
10 surface intersects a pipe axis of the flat tube, and the plurality of fins are arranged at
an interval from one another. The plurality of fins each have a first spacer formed in
the plate and maintaining the interval. The flat tube has a longitudinal axis of a
section perpendicular to the pipe axis, and the longitudinal axis is inclined to the width
direction by an inclination angle θ . The first spacer has a standing surface extending
15 in a direction intersecting the plate surface, and the standing surface is inclined in a
direction same as that of the inclination angle θ .

Fig. 3