

ABSTRACT

TITLE OF THE INVENTION: HEAT-TRANSFER-TUBE SUPPORT STRUCTURE,
AND METHOD FOR SUPPORTING HEAT TRANSFER TUBE

5 The present invention is to provide a heat-transfer-tube support structure in which damage to any part of support members and damage to any part of fins of heat transfer tubes caused by vibration of a heat-transfer-tube panel can be suppressed. Provided is a heat-transfer-tube support structure including: a heat-transfer-tube panel 30 in which a plurality of heat transfer tubes 31 extending in a vertical direction are arranged in a staggered manner; and support members 35 that bundle the heat transfer tubes 31 in a horizontal direction, and that are provided in a plurality of stages at predetermined intervals in the vertical direction of the heat-transfer-tube panel 30; wherein: the heat-transfer-tube support structure is configured to include: first reinforcing plates 38 that are obliquely disposed in gaps between the heat transfer tubes 31; second reinforcing plates 39 that are obliquely disposed in the gaps between the heat transfer tubes 31 so as to intersect the first reinforcing plates 38; and linking members 40 through which one-end sides of the first reinforcing plates 38 and the second reinforcing plates 39 are fixed to the support members 35 respectively.

20 [Fig. 8]