

ABSTRACT OF THE DISCLOSURE

CONDENSER AND FREEZER

The present invention provides a condenser for condensing and liquifying a refrigerant by inducing the refrigerant into a receptacle (14), in which cooling water is fed to through a plurality of thermal transmission pipes (15) which are arranged in bundles. A plate body (20) is provided between the bundles of the thermal transmission pipes, and slopes diagonally downward when viewed in cross-section from the direction of the length of the thermal transmission pipes. Consequently, the refrigerant falling toward the thermal transmission pipes at low positions is led diagonally downward by the plate body, so that the liquid film of refrigerant which adheres to the surfaces of the thermal transmission pipes does not become too thick, thereby preventing reduction in the thermal transmittancy of the thermal transmission pipes.

Figure 2



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