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ABSTRACT OF THE DISCLOSURE

A heat exchanger for a medium condenser mainly comprises a plurality of vertical cooling fins essentially having extra length extended both upwardly and downwardly from an ordinary portion of medium coil
5 path for greatly increase the cooling efficiency therefore, and a drip-drop type water feeding box for feeding water drops to a top of cooling fins densely but intermittently to let each of water drop been held in the spacing between opposite surfaces of adjacent cooling fins a short period of time and start to slide down around the surface of a cooling fin as a next drop of
10 water is delivered to provide enough time for evaporating so as to absorb a large quantity of latent heat for increasing cooling efficiency therefore.