

Evaporator

- The RS evaporator consists of a tank, tubes, and cooling fins. The tubes are extrusion molded to form micropore passages. Thus, this evaporator offers excellent heat transfer performance while realizing a thin (38mm) construction. The fin height and tube thickness have been optimized and the fin pitch has been minimized to promote heat transfer, and a thin material has been used in the core to realize an RS evaporator with a dramatically compact and lightweight construction. A clean coat is applied to the evaporator proper to inhibit the propagation of germs that create foul odors, and a chrome-free surface treatment is used to address environmental concerns.

