Title (en)

LOW-VOLUME CONTINUOUS-FLOW DEVICE FOR HEATING DRINKING WATER

Title (de)

DURCHLAUFGERÄT MIT KLEINEM VOLUMEN ZUR TRINKWASSERERWÄRMUNG

Title (fr)

APPAREIL A FONCTIONNEMENT EN CONTINU A FAIBLE VOLUME POUR LE RECHAUFFAGE D'EAU POTABLE

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Application

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Abstract (en)

[origin: WO0016011A1] The invention relates to a low-volume continuous-flow device for heating drinking water, notably for interconnection with gas continuous flow heaters, comprising a container (1) with cold water inlet and hot water outlet connections (2, 3) at the level of the part of the container (1) carrying the drinking water and heating water flow and reflux connections (4, 5) at the level of the part of the container (1) carrying the heating water. According to the invention the container (1) is divided into two parts (1', 1) which are connected by a line and each have a part (6, 7) for the drinking water and the heating water. The cold water inlet and the hot water outlet connections (2, 3) as well as the heating water flow and heating water reflux connections (4, 5) are arranged at the corresponding other container parts (1', 1). The one container part (1') is configured as a continuous-flow heat exchanger for both media and has substantially identical volumes (V) for each while in the other container part (1) the drinking water volume (V') is greater than the heating water flow volume (V).

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