

Title (en)
HEAT EXCHANGER WITH GAS DISCHARGE SYSTEM

Title (de)
WÄRMETAUSCHER MIT GASABLEITERSYSTEM

Title (fr)
ÉCHANGEUR THERMIQUE AVEC SYSTÈME D'ÉVACUATION DE GAZ

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Application
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Priority
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Abstract (en)
[origin: WO2021154166A1] The present invention relates to a heat exchanger (1) for combi boilers characterized by at least one body (2) which is in the form of a hollow cylinder consisting of two parts, at least one tube (3) with a spiral structure arranged inside the body (2), at least one front cover (21) arranged so to cover the opening provided on the flat surface of the body (2), a burner arranged on the front cover (21), at least one discharge opening (22) provided on the cylindrical surface of the body (2) to allow the gas exiting the burner to circulate around the tube (3), travel through the cylindrical surface of the body (2) and exit the body (2), at least one second chamber (23) which has an inner space and is formed so as to cover the said discharge opening (22), at least one flue opening (25) provided on the second chamber (23), at least one plate (24) which partially covers the discharge opening (22) to prevent the condensed liquid or rainwater entering through the flue opening (25) from reaching the tube (3).

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