



25th of September 2025

HUUM electric sauna heaters are approved to be installed on non-GFCI protected circuit breakers.

HUUM electric sauna heaters are designed to be compliant with **IEC/UL 60335-2-53** and **CAN/CSA 60335-2-53** (Household and Similar Electrical Appliances – Safety – Part 2-53: Particular Requirements for Sauna Heating Appliances and Infrared Cabins), as well as **CAN/CSA-C22.2**.

Compliance with these standards ensures proper construction, power grounding, insulation, and overcurrent protection.

Sheathed heating elements used in electric sauna heaters repeatedly heat up and cool down during normal operation. This thermal cycling causes the materials to expand and contract, which – over time – results in microscopic cracks where moisture is trapped – this is expected and normal. Trapped moisture can lead to constant tripping on a GFCI breaker, even though there is no hazard.

IEC/UL/CSA safety standards and industry best practices recognize installation of sauna heating appliances on a standard non-GFCI breaker as the correct method. Installing the heater according to the manufacturer's instructions will ensure compliance with electrical safety requirements, and its grounded construction ensures protection against electrical faults.

A handwritten signature in black ink, appearing to read 'Roman Kaljuorg'.

Roman Kaljuorg

Chief Product Officer

HUUM

www.huumsauna.com