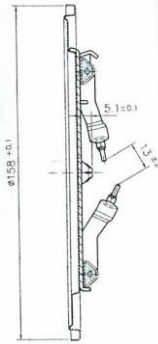


Brazing systems for kettle bottoms



Typical Applications

Heating or evaporation of fluids in kettles, coffeemakers, steam ovens; further application areas in the industrial or medical sector.

Characteristics

- brazing connection between aluminum tubular element and stainless steel part verified by thermovision
- good scaling behavior because of finished surfaces (by grinding or electro-polishing)
- visually high-quality surface
- short thermostat response times
- Mounting options for cordless systems or standard thermostats
- leakage current safe by hydrophobized magnesium oxide
- excellent heat transfer
- VDE / UL mark approval

Design

- aluminum tubular element Ø 10 mm or 11 mm unheated ends 17 mm, brazed with heat transfer plate onto stainless steel bottom, connecting bolt Ø 2 mm for contact sleeves.
- various shapes of bottom rim possible (curling, injection, glueing of housing)

Technical Specifications

Standard module:

Voltage	110...240 V AC, 50/60 Hz
Power	max. 3000 W
Dimensions	approx. 120 mm to 160 mm diameter
Protection class	I
Connections	bolts Ø 2 mm (customer-specific cabling possible)
Mark approval	VDE

Variations (two-step heater, inflow/outflow etc.) on request