

# 14.1 Continuous flow heater

## Type Continuous flow heater

### APPLICATION

- HELIOS-continuous flow heater are used for heating up:
  - a) Tap water, demineralised water and ultrapure water for pharmaceuticals, weakly aggressive acids, caustic solutions and other fluids that do not attack the stainless steels used by HELIOS (see catalogue page 9.1.3).
  - b) Lubricating, heating, quenching and hydraulic fluids, vegetable oils, water/glycol mixtures, emulsions and other fluids that do not attack steel.
  - c) Air, nitrogen (CO<sub>2</sub>) and other non-explosive gases up to 150 °C max. For special air and gas heaters see catalogue page 13.1

### DESIGN

- Continuous flow heater consists of 2 components:
  - a) flow pipe with counter flange, inlet and outlet connections, draining, vent and support stand (horizontal installation with 2 support stands)
  - b) Flanged heating element, see description on catalogue page 4.2



### WE REQUIRE THE FOLLOWING INFORMATION FOR A QUOTATION

Medium to be heated	:	Connections	:	Flange DN
Volume (m <sup>3</sup> /h)	:	Or connections	:	Thread G
Inlet temperature	:	Installation position	:	horizontal / vertical
Outlet temperature	:	Insulation	:	yes / no
Pressure	:	Material	:	
Voltage	:	Protection system	:	
Power	:	Quantity	:	
Temperature control	:	Special requests	:	