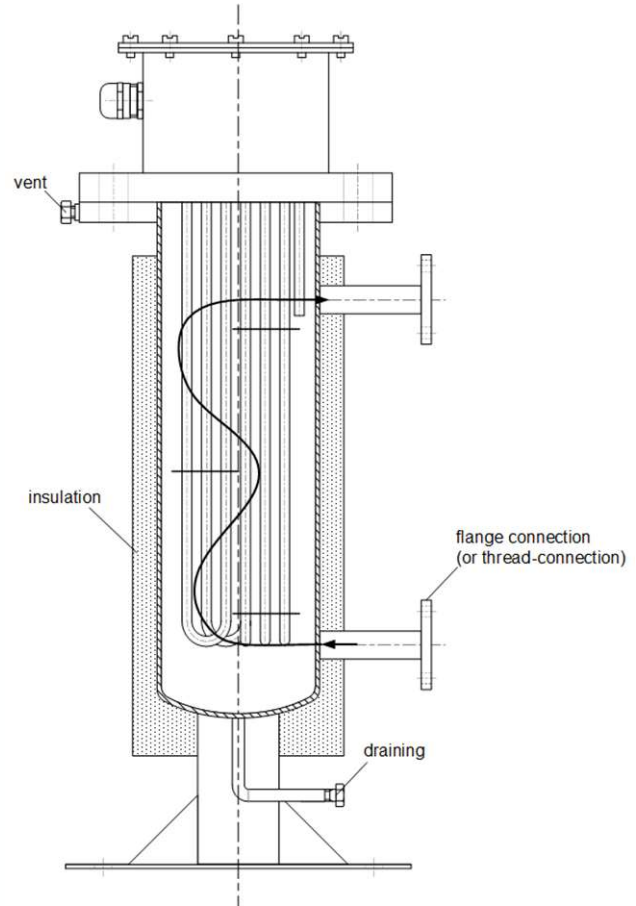


14.1 Continuous flow heater



Application	HELIOS-continuous flow heater are used for heating up:	
water	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 9.6).	
oil /emulsion	Lubricating, heating, quenching and hydraulic fluids, vegetable oils, water/glycol mixtures, emulsions and other fluids that do not attack steel.	
gases	Air, nitrogen (CO ₂) 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 consist 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)	Flange heating element, see description on catalogue page 4.2
	HELIOS-continuous flow heaters are manufactured according to „AD 2000" regulation, without TÜV approval.	
	We require the following information for a quotation:	
	fluid to be heated: _____	kind of controller: _____
	volume: _____ m ³ /h	connections: <i>flange / thread?</i>
	inlet temperature: _____ °C	size: _____ DN / G _____
	outlet temperature: _____ °C	installation position: <i>vertical / horizontal?</i>
	pressure: _____ bar	insulation required: <i>yes / no?</i>
	voltage: _____ V	quantity: _____ pcs
	power: _____ W	special requests: _____