



Filter Housing Heaters

Heaters for Biopharmaceutical Applications

Product Information

Sartorius Stedim Housing Heaters are a cost-effective and low maintenance solution for Biopharmaceutical processes requiring superior thermal control. The Housing Heaters prevent vapor condensation in sterile vent and process filters and piping systems and help maintain preferred material viscosities.



Introduction

The Housing Heaters offer tight temperature control and advanced functionality, while complying with strict safety regulations. The stand alone control unit with high-low alert, digital temperature display is also available with remote interface function.

Applications

Sartorius Stedim Housing Heaters are used in conjunction with sterile vent and process filter housings and are ideally suited for processes such as:

- Bioprocessing and Pharmaceutical Process Fluids
- Fermentation
- Product Recovery
- Water for Injection
- Filtration and Purification Processes
- Skidded Systems
- Tanks and Vessels

Features

- Digital temperature control
- Adjustable temperature limit value
- Internal alarm relay (ELTC-14)
- Internal temperature and alarm transmission system (ELT-GP1)
- Water proof classification IP54
- Temperature monitoring by PT 100
- Silicone insulation inside-Safe to touch
- Corrosion resistant stainless steel jacket
- CE tested and marked

Special Design

Customized designs such as multi rounds and vessels are available upon request.

Technical Data

Specifications

Supply Voltage	230 Volt +/- 10%, 50 Hz
Switching Capacity	16 Ampere 230 Volt
Thermal Energy 10"	100 Watt max.
Thermal Energy 20"	200 Watt max.
Thermal Energy 30"	300 Watt max.
Measuring Input	PT 100 DIN 2-Wire
Adjustment Range	0...+100°C
Ambient Range	-30...+60°C
Protection Type (Controller ELTC-14)	IP65 Protection Class (I)
Protection Type (Controller GP1)	IP64 Protection Class (I)
Heating jacket	IP54 Protection Class (II)
Housing Sizes	Single round 10", 20", 30"
Material	Stainless Steel 316L/304
CE Conformity	2004/108/EC 2006/95/EC 2011/65/EC

No power supply cable in the scope of supply.
It must be equipped by the customer.



|1 Control Unit ELTC-14 |2 Control Unit ELT-GP1



Picture shows multi 3-round housing with
ELTGP1 control unit.

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