



Heated

Analytic Hose with Filter Element

The heated hose with integrated filter is used in analyser technology, primarily for mobile measurements. The filter cleans dust and particles out of the measuring gas that is being conveyed. The filter housing is made of a resistant stainless steel (mat. 316L / 1.4404). Different filter inserts can be mounted in the housing depending on the application (see accessories for heated filter housing). The filter housing can be mounted universally on eltherm analytic heated hoses type ELH/ad... in NW4 and NW6.

Advantages:

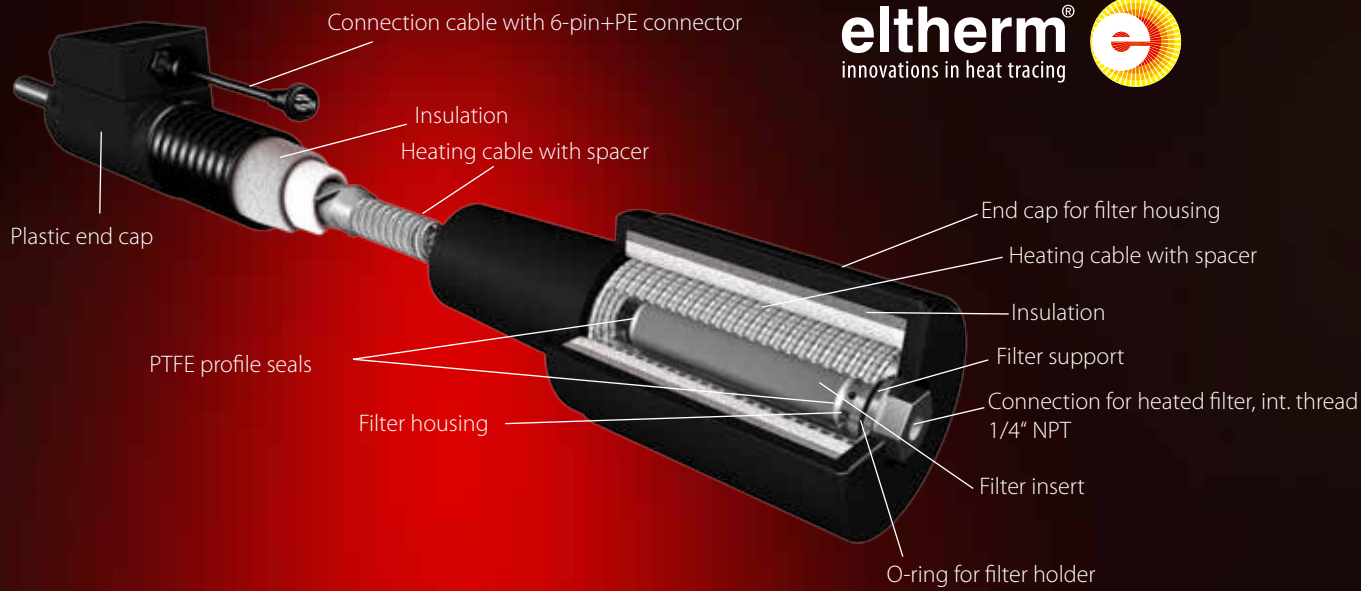
- Heated filter housing and heated analytic hose in one
- Compact and sturdy filter housing
- Different filter inserts are available
- Filter inserts are easy to change
- Sturdy design

Fields of application:

- Process, emissions and environmental technology
- Engine test benches
- Research and development

Type ELH/ad...SP





Technical Specifications

Data

■ Operating voltage	24 - 250 V
■ Output	100 - 120 W/m
■ Nominal widths	4 & 6 (other nominal widths on request)
■ Temperature maintenance	120 - 200 °C
■ Operating pressure	max. 10 bar
■ Outer jacket	corrugated PA hose (PA12), silicone outer jacket, nylon braiding, VA braiding
■ Insulation	fleece or silicone foam
■ Inner liner	PTFE hose single VA-braided
■ Filter housing	made of stainless steel (mat. 316L / 1.4404), with Viton seal Filter volume: 25 ccm for filter inserts 12.57...
■ Connection fitting	supply side: RSL pipe socket made of stainless steel Ø 6 mm (DN4) or Ø 8 mm (DN6)
■ Sealed end side	int. thread 1/4" NPT made of stainless steel
■ Sensors	Pt100, Ni-CrNi, Fe-CuNi
■ End caps	supply side: silicone, plastic (polyamide) or metal
■ Connection cable length	1.5 m
■ Control	ELTC/H-14 or ELTC-Mini end cap controller

Type ELH/ad...SP



Accessories for Heated Analytic Hose with Filter Element

Filter Inserts

Stainless steel sieve element

■ Type	SS-12-57-5V
■ Material	5-layer woven mesh made of 1.4401
■ Mesh size	5 µm
■ Dimensions	Ø 12 mm
■ Length	54 mm
■ Incl. set of Viton seals	
■ Qty: 1 Piece	
■ Article Number	5ZZF087



Stainless steel sieve element

■ Type	SS-12-57-2V
■ Material	5-layer woven mesh made of 1.4401
■ Mesh size	2 µm
■ Dimensions	Ø 12 mm
■ Length	54 mm
■ Incl. set of Viton seals	
■ Qty: 1 Piece	
■ Article Number	5ZZF104



Set of replacement seals for stainless steel sieve elements

■ Type	GP SS-110
■ Set of PTFE seals for VA sieve elements, Ø 12 mm	
■ 1 set	2 pieces
■ Article Number	5ZZF088



Glass fibre filter element

■ Type	12-57-70S
■ Material	borosilicate glass microfibres
■ Binding agent	silicate, inorganic
■ Filtration rating	particles (0.1 µm) removable from gas: 95 %
■ Dimensions	Ø 12 mm
■ Length	57 mm
■ Qty: 10 pieces	
■ Article Number	5ZZF089



Ferrule compression fitting for filter connection 6 mm

■ One side:	ferrule compression fitting for pipe, Ø 6 mm
■ Other side:	ext. thread 1/4" NPT
■ Material	stainless steel 316L
■ Article Number	5XZF020



Ferrule compression fitting for filter connection 8 mm

■ One side:	ferrule compression fitting for pipe, Ø 8 mm
■ Other side:	ext. thread 1/4" NPT
■ Material	stainless steel 316L
■ Article Number	5XZF033

