

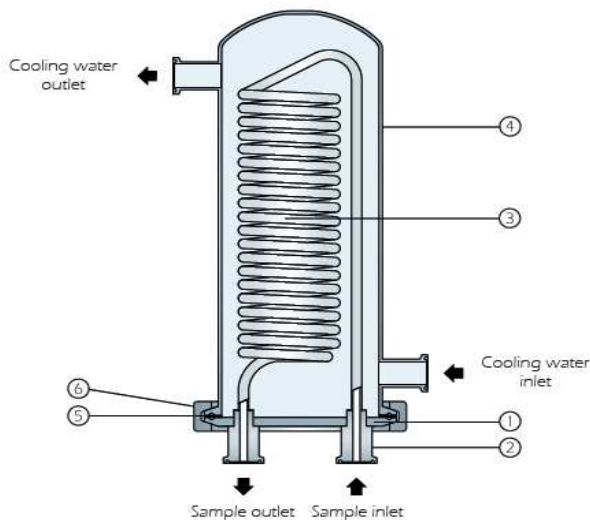
## SAMPLE COOLER - ENFRIADOR DE MUESTRAS

## HSC50



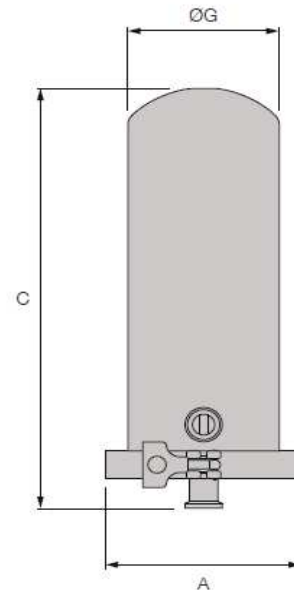
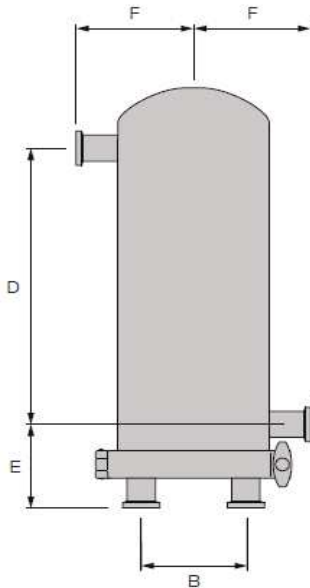
Designed for environments where the cooling water supply may lead to fouling of the coil, the HSC50 can be disassembled for cleaning. The orientation of the sample connections also makes the HSC50 suitable for continuous in-line cooling applications such as conductivity monitoring in high purity systems.

- P Pressure Rating**  
Coil and shell - up to 10 barg
- T Temperature Rating**  
Coil - 175°C  
Shell - 100°C
- L Connections**  
Sample medium -  
25mm clamp to suit 1/2 "ASME BPE, DIN and ISO  
Cooling water -  
25mm clamp to suit 3/4 "ASME BPE, DIN and ISO
- ⚙ Performance**  
Heat transfer area - 0.08m<sup>2</sup>  
Coil volume - 160ml  
Typical performance - 10kg/h condensate at 30°C from steam at 3 barg with 0.1 l/s cooling water at 20°C rising to 40°C
- 📊 Surface Finish**  
Wetted surfaces - 0.5 microns Ra\*  
External surfaces - Satin polish finish  
(\*Coil formed from tube with an internal electropolished finish of 0.25 microns Ra)
- ✅ Options**  
Electropolished finish - all wetted surfaces  
Steam throttling valve (HSV60)  
Sample outlet hose adaptor  
Steam and cooling water hoses  
Extended legs with floor pads  
Storage case
- C Available Certification**
  - CofC** Certificate of Conformity
  - MTR's** Material Certification
  - ADI** Certified 'Animal Derived Ingredient' free



Part	Description
1	Base plate 316L stainless steel
2	Sample medium fittings 316L stainless steel
3	Coil 316L stainless steel
4	Body 316L stainless steel
5	Seal EPDM
6	Clamp 304 stainless steel

HSC50



Dimensions (mm)							Weight (kg)
A	B	C	D	E	F	ØG	
135	70	305	200	63	75	102	4.5



**Accessories**

**HSV60 sample valve** - a steam rated valve suitable for both isolation and throttling of the steam sample

**Sample hose adaptor kit** - 316L stainless steel hose adaptor with 8.5mm barb which connects directly to the sample medium outlet using a standard clamp and seal

**PTFE lined sample hose** - PTFE lined hose with stainless steel outer braid and silicone protective cover. Available with 1/2" ASME BPE clamp end fittings to any length required

**Cooling water hose** - reinforced PVC hose with 3/4" ASME BPE clamp end fittings to any length required



**Packaging**

Individually capped and boxed



**Service Parts**

Body seal - part 5