SAMPLE COOLERS
SC32P

DESCRIPTION

ADCA sample coolers are specially designed to cool samples of boiler water or steam for analysis.
Sample coolers prevent steam flashing-off from hot pressurised liquid samples, which can be dangerous and will result in an incorrect water sample.
This device may be used for boiler water analysis and other sampling or cooling applications compatible with the construction materials.

MAIN FEATURES

Corrosion-resistant body and internals.
Self draining sample (inlet top, outlet bottom).
Surface finish of sample tubes internal area : 0,5 μm Ra.

OPTIONS:	Different connection sizes and materials under request against extra price. Polished shell
USE:	Steam boilers. Hot water systems.
AVAILABLE MODELS:	SC32P - stainless steel body and coil.
SIZES AND CONNECTIONS :	Cooling water inlet/outlet : 1/2" on body (BSP or NPT) Sample tube inlet/outlet : 8 mm O/D Alternative DN ½" tri-clamp compatible
INSTALLATION:	Vertical installation.
OPERATION:	Cooling water must be in it's maximum flow before open or close the sample inlet valve, in order to avoid the risk of scalding . The sample valve must also be closed before the cooling water valve.
PERFORMANCE:	30 to 60 kg/hr of sample water at ≈ 30ºC with 1m3/h -15ºC inlet cooling water (boilers up to 20 bar-220ºC), for other pressures, temperatures and /or certified figures please consult.

LIMITING CONDITIONS				
	BODY		**COIL**	
Model	**Pressure bar**	**Related Temp. ºC**	*** Pressure bar**	*** Related Temp. ºC**
SC32P	20	120	110	400
			90	450

* Limited to the clamp adaptor rating

Minimum operating temperature : -10ºC

We reserve the right to change the design and material of this product without notice.

DIMENSIONS (mm)						
MODEL	A	B	C	D	E	WGT Kg
SC 32P	90	420	300	26	30	3,9

MATERIALS	
DESIGNATION	MATERIAL
Body	AISI 304 / 1.4301
Covers	AISI 304 / 1.4301
Coil	AISI 316L / 1.4404
Compression fittings	AISI 316Ti / 1.4571 Cl. L
Discharge tube	ASI 316L / 1.4404

EN10204 3.1 certificate and internal coil surface finish certification
available if requested with the order

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