SAMPLE COOLERS
SC 32 – SC 132 – SC 232

DESCRIPTION
ADCA sample coolers are specially designed for taking samples of boiler water 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 construction materials.
Connections are female screwed.

MAIN FEATURES
Corrosion-resistant body and internals.
Self draining sample (inlet top, outlet bottom).

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OPTIONS:	Sample inlet valve.
	Cooling water inlet valve.
	Temperature indicator
	Bolted top plate.
	Different connection sizes and materials under request against extra price.
USE:	Steam boilers.
	Cold and hot water systems.
AVAILABLE MODELS:	SC32/SS,SC132/SS,SC232/SS - stainless steel body.
	SC32/SS - recommended for boilers up to 20 bar.
	SC132/SS –SC232/SS- recommended for boilers up to 32bar.
SIZES:	SC32 – SC132 - 1/2" on body
	SC232 - ¾" on body
	1/4" x 8mm compression fittings on the cover.
PIPE CONNECTIONS:	Female screwed ISO 7/1 Rp (BS21)
INSTALLATION:	Vertical installation.
OPERATION:	Cooling water must be flowing before open or close the sample inlet valve.

LIMITING CONDITIONS			
BODY		**COIL**	
Pressure bar	Related Temp. ºC	Pressure bar	Related Temp. ºC
16	100	32	300

Minimum operating temperature : -10ºC

Design code : AD - Merkblatt
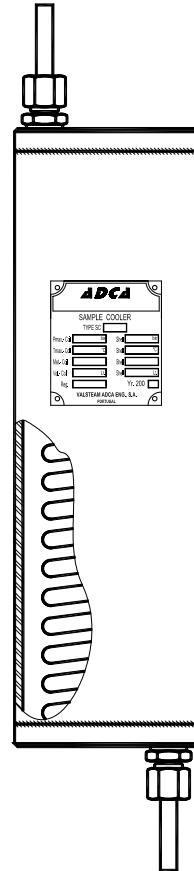
DIMENSIONS (mm)

MODEL	A	B	C	D	E	WGT Kg
SC 32	90	420	300	30	26	3,9
SC 132	90	520	400	30	26	4,8
SC 232	90	620	500	30	23	5,7

MATERIALS

DESIGNATION	MATERIAL
Body	AISI 304 / 1.4301
Covers	AISI 304 / 1.4301
Coil	AISI 316L / 1.4404
Compression fittings	Fe / Zn 12 - ISO 2081
Discharge tube	ASI 316L / 1.4404

EN10204 3.1 certificate available if requested with the order.

TYPICAL INSTALLATION
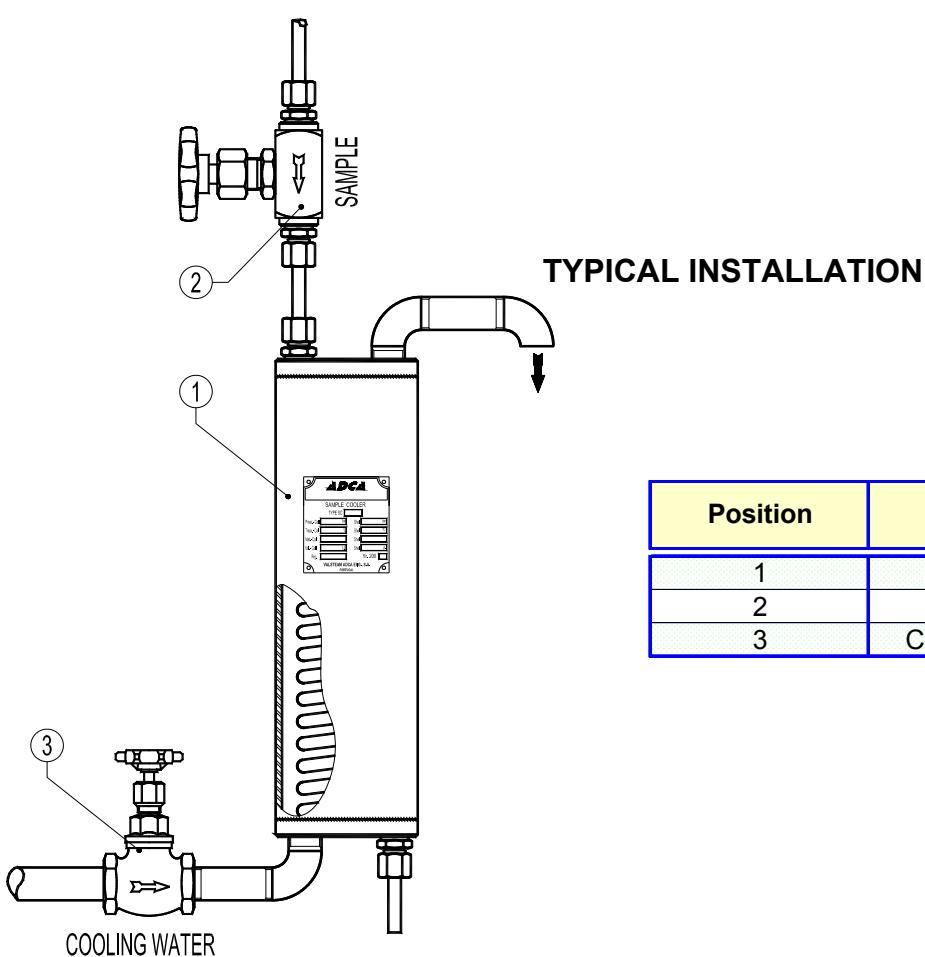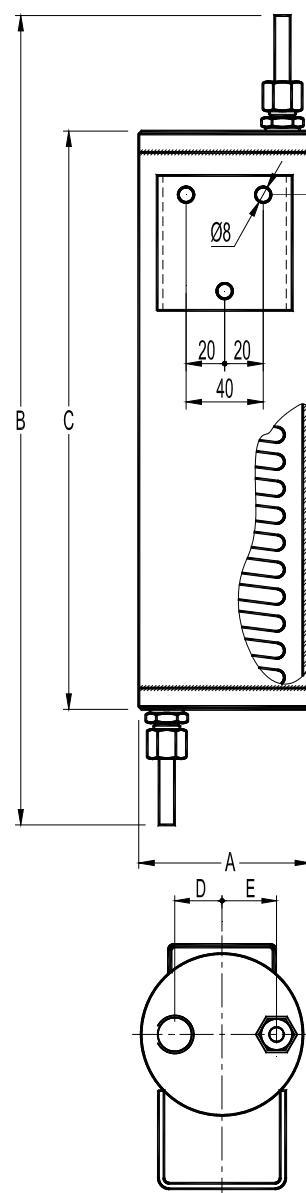
Position	Designation
1	Sample Cooler
2	Sample inlet valve NV-400
3	Cooling water inlet valve ADCA GV32B