

INSTALLATION AND MAINTENANCE INSTRUCTIONS SAMPLE COOLERS (SC 32 - SC132 - SC232)

GENERAL

1. These instructions must be carefully read before any work involving products supplied by Valsteam ADCA Eng. SA is undertaken.
2. The installation procedure is a critical stage in a life of any device and care should be taken to avoid damage to the sample cooler or equipment.

Warning !

- If malfunction of any other equipment or system operation failure may result in a dangerous overpressure , overtemperature or even vacuum condition, a safety device must be included in the system to prevent such situations .
- Do not touch the equipment without appropriate protection during working operation because it may conduct heat if the used fluid is at high temperature.
- Before starting maintenance be sure that the equipment is not pressurized or hot .
- The equipments must be used within the working temperature and pressure limits laid down for them, otherwise they may fail (refer to nameplate and/or IS- Information Sheet).
- Do not remove the nameplate attached to the equipment. Serial number and other useful information is stamped on it.

INSTALLATION

1. Prior to install check that the product is suitable for the intended application : materials and pressure/temperature ratings.
2. Before to install remove plastic covers placed on flanges or connection ends. The equipment has an arrow or Inlet/Outlet designations. Be sure that it will be installed on the appropriate direction.
3. Sample coolers are recommended to be fitted with the centre line of the cooler in a vertical position to ensure that the best results are obtained.
4. A stop valve DN 1/2" (in SC32 - SC132 models) and DN3/4" (in SC232 model) is necessary on the inlet cooling water and a DN 1/4" needle valve is also needed on the sample inlet (see Fig.1).

TO TAKE BOILER SAMPLES

1. Open cooling water valve .
2. Open needle valve slowly so that flashing does not occur. Allow to run approximately 10 seconds until fresh sample is drawn.
3. After sample has been taken, close first the needle valve and then the water valve.

MAINTENANCE

1. The sample cooler don't need any specific type of maintenance. Regular inspection may be recommended by local authorities according to specific or general pipe and/or vessels assembly procedures.
2. For further information refer to the relevant SC brochure or consult our Sales Office.

CE Marking :

This product have been designed for use on steam and water wich are in Group 2 of the PED-European Pressure Equipment Directive 97/23/EC and it comply with those requirements. The product fall within category SEP and must not be CE marked.

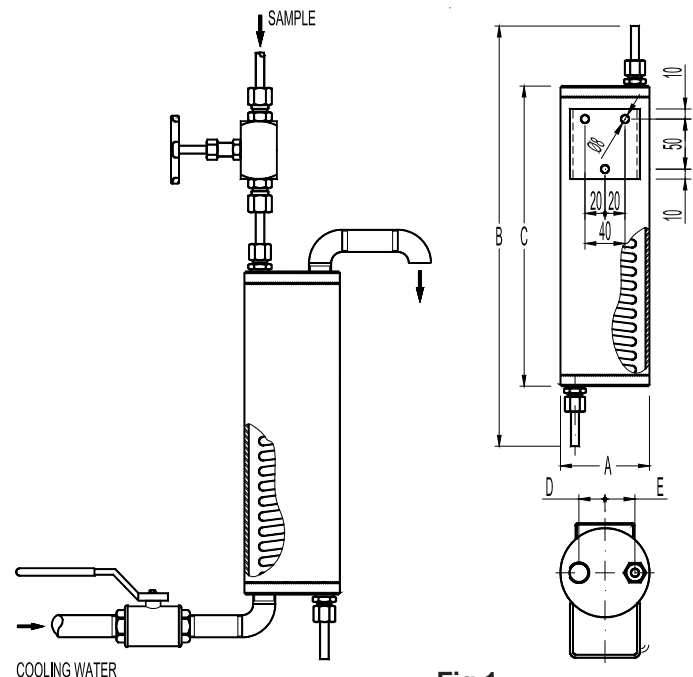


Fig.1

LIMITING CONDITIONS SC32/SC132/SC232:

Coil :	Design pressure	32 bar
	Design temperature	300 °C
Body:	Design pressure	16 bar
	Design temperature	100 °C