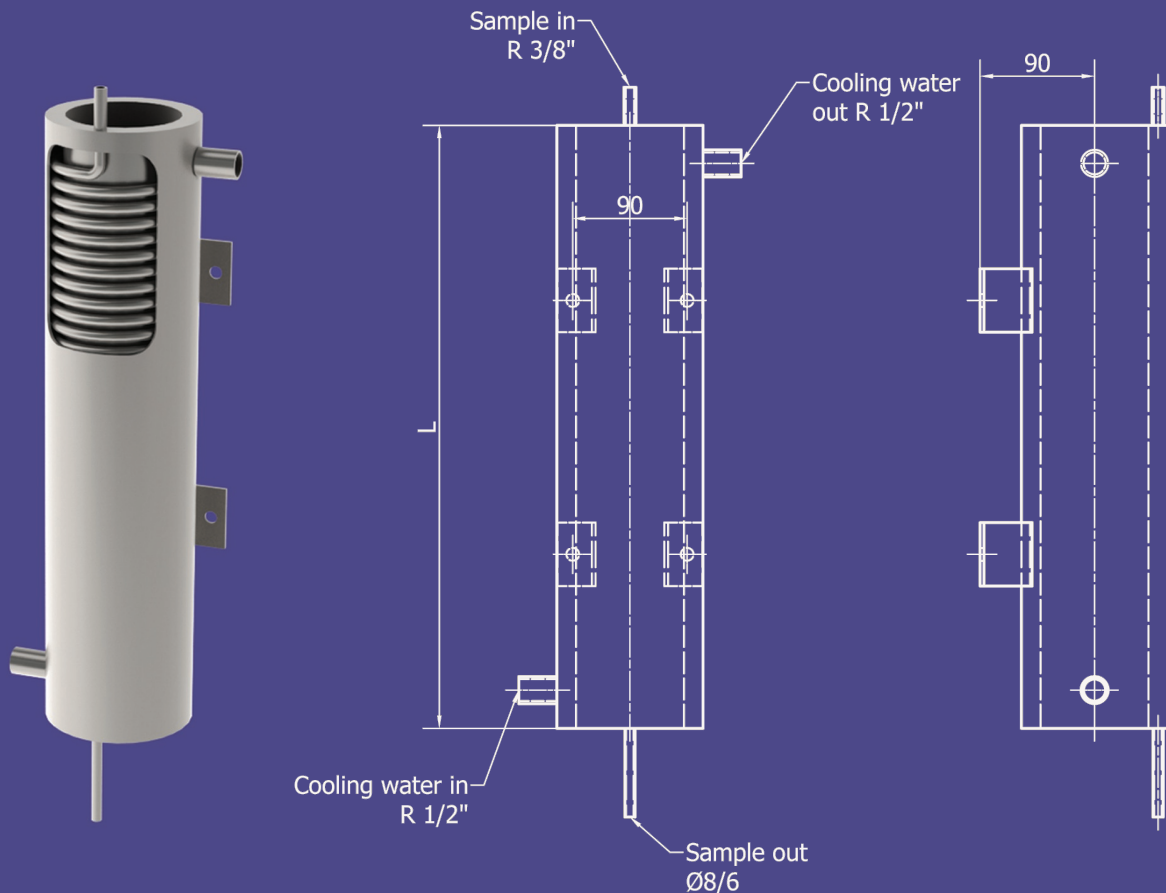


Sample cooler



The VM sample cooler consists of two nested shells with water and a twisted coil between them. The shell material is stainless steel (AISI304 / EN1.4301), and the sample cooling coil is made of stainless steel (AISI316 / EN 1.4404).

Type	Sampling tube	L [mm]	Maximum sample pressure / temperature
VM-8/6.1	Ø8/6 × 6,000 mm	280	saturated vapour, hot water 40 bar / 215 °C
VM-8/6.2	Ø8/6 × 12,000 mm	475	saturated vapour, hot water 100 bar / 380 °C
VM-8/6.3	Ø8/6 × 18,000 mm	680	saturated vapour, hot water 100 bar / 500 °C

Final temperature of the sample: approx. 20 °C

Sample flow: 0.4–0.8 kg/min

Amount of cooling water: approx. 6 kg/min

Maximum cooling water pressure 10 bar and maximum temperature 120 °C

OPERATION: The cooling valve is opened, and the sample is taken upon opening of the sampling valve.

MAINTENANCE: The cooler does not require maintenance. VM sample coolers are not classified as pressure vessels.

Valves are not part of the standard delivery.

We also produce sample-cooler kits complete with mounting plates and spill-containment basins, along with more powerful coolers for hot liquids and vapours.