



SKIOLD TANK



SKIOLD MAKES THE DIFFERENCE!

SKIOLD TANK - HEATED AND INSULATED FOR LIQUID PRODUCTS

Ideal for storage with minimum oxidation

For both in- and outdoor installation

Suitable for fat, oil, molasses, etc.

Electric heating or heated from central heating

Foam insulated and covered with aluminum plates



SKIOLD TANK

Design

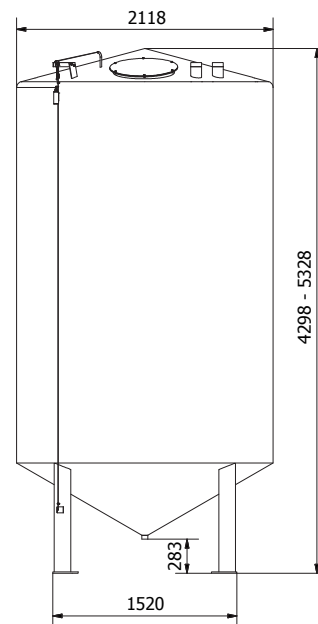
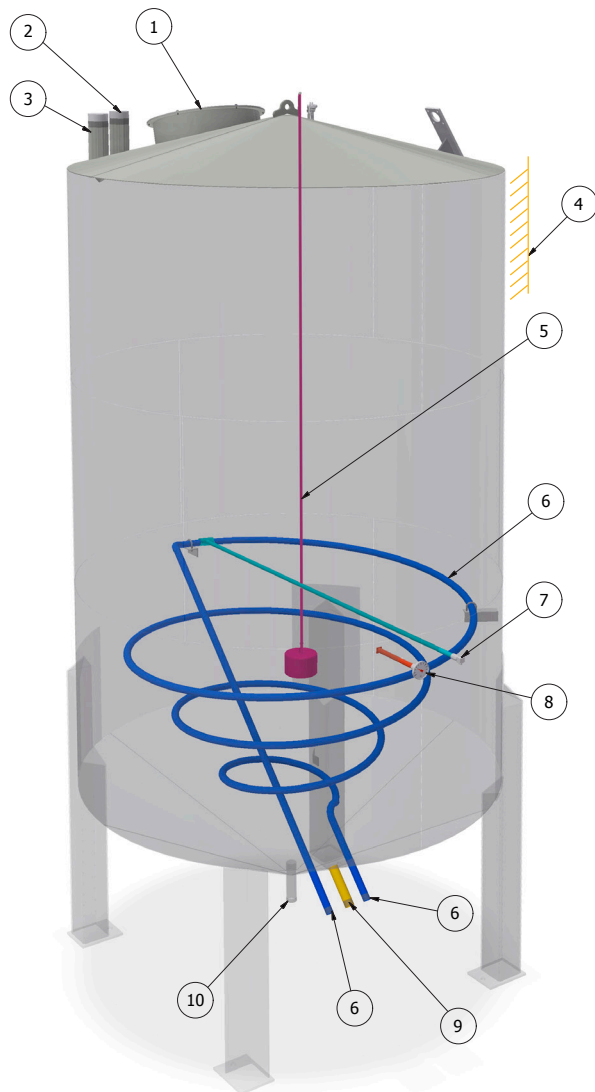
The tank made of mild steel has a volume of 8000 or 11000 litres. Efficient foam insulation with 100 mm polyurethane foam secures minimum power consumption for heating up the tank. The tank is mounted in an upright position minimizing the liquid surface which reduces the oxidation and thereby the risk of rancidification of the liquid product. The tank is equipped with a bolted manhole for inspection and cleaning. The conical bottom of the tank works as a sedimentation basin and is equipped with a drain valve for complete emptying. The tank comes with 3" connections mounted in the top of the tank for filling and ventilation pipes.

Heating

The selected temperature in the tank is maintained by a water heating system which emits its heat to the surrounding liquid. This indirect heating is very gentle and it prevents damage to the nutritive value of the liquid due to too high temperature. The heat source is either central heating or by SKIOLD Liquid Heater Unit which is electrically heated.

Level control and temperature

The level of the tank as well as the temperature of the water system and raw material are read externally on the side of the tank. The current levels are measured by means of pressure gauges and contain therefore no moving and sensitive parts.



Data sheet: 130 986 003 957_01. 30-08-2019.

TECNICAL SPECIFICATIONS

Volume, tank (litres):	8000 / 11000
Motor (kW):	0.55
Approx. pump capacity (litre/hour):	600
Covering material:	Aluminum

SILODESIGN

Pos.	Description	Pos.	Description
1	Manhole	6	Heating coil
2	Silo filling	7	Water ventilation
3	Silo ventilation	8	Temperature measurement
4	Insulation (silo area: 24,3m ²)	9	Silo outlet
5	Level control	10	Bottom discharge