

Customised tanks

Material

FE (mild steel)
AISI 444, AISI 316
(stainless steel)

Heat exchanger coils

Pressure ratings
1,5-10 bar



Volume up
to 10 000 l.

Exterior
dimensions

Baffle plate

Flanges

Various
couplings



Fully customisable

AKVA PRO tanks can be fully customised to precisely meet the customer's specifications.

- Capacity / volume
- Outer dimensions
- Connections sizes and their locations
- Baffle plate
- Insulation
- Materials: Mild steel, stainless steel (AISI 444, AISI 316)
- Pressure classes from 1.5 bar to 10 bar

Technical specifications

AKVA PRO tanks can be used as cold storage tanks, equalising tanks, in heat recovery systems or even storage for raw ingredients. We manufacture and equip each tank to meet the customer's specific needs.



COOLING WATER TANKS

LARGE DOMESTIC WATER ACCUMULATORS

INDUSTRIAL APPLICATIONS

BUFFER TANKS



Buffer tank



Domestic water tank



Cooling tank



Buffer tank



Cold storage vessel

Aproximate external measurements of uninsulated tanks



CAPACITY (l)	DIAMETER (mm)	HEIGHT (mm)	MATERIAL
100	400	max. 1500	Ferritic stainless steel
100 - 300	508	1500 - 1700	Ferritic stainless steel
300 - 500	650	1500 - 1700	Ferritic stainless steel
100 - 250	400 - 450	1200 - 1900	Mild steel
300	508	1950	Mild steel
400	550	2000	Mild steel
500	600	2000	Mild steel
600	650	2000	Mild steel
700	700	2000	Mild steel, stainless steel
750	750	2000	Mild steel, stainless steel
800	800	2000	Mild steel, stainless steel
1000	850	2000	Mild steel, stainless steel
1200*	950	2050	Mild steel, stainless steel
1500*	1050	2050	Mild steel, stainless steel
2000*	1200	2100	Mild steel, stainless steel
2500*	1300	2150	Mild steel, stainless steel
3000*	1400	2200	Mild steel, stainless steel
3500*	1500	2250	Mild steel, stainless steel
4000*	1600	2300	Mild steel, stainless steel
5000*	1800	2400	Mild steel, stainless steel
6000*	1920	2400	Mild steel, stainless steel
7500*	1920	2900	Mild steel, stainless steel
10000*	1920	3700	Mild steel, stainless steel

Outer dimensions are approximate. We reserve the right to make changes.

Available stainless steel grades: ferritic stainless steel AISI 444 and austenitic stainless steel AISI 304 and AISI 316L. *Height dimension for 6-10 bar varies.

Insulation options

MATERIAL	THICKNESS (mm)
Polyurethane + steel sheet	100
Foamed rubber	13
Foamed rubber	19
Foamed rubber	25
Foamed rubber	32

- The foamed rubber insulation is a condensation insulation. The insulation is glued and the seams are taped.
- Polyurethane insulation is recommended for tanks used for heating or temperatures below +5°C
- Insulation with a steel sheet finishing requires a polyurethane insulation.

