

Storage and distribution systems

Within our storage and distribution systems the water quality is maintained, indifferent if hot or cold storage. The tanks and piping are made of stainless steel. We take account individual factors such as volume, design, applied pressure and surface quality.



Controlled quality

In addition to permanent circulation and a deadspace free construction, we also offer optional measures such as UV systems, ozonization as well as cooling and hot water sanitization to reduce microbiological growth.



Easy on-site installation

Thanks to the pre-assembly of all main components, our storage and distribution systems are turnkey, making on-site installation simple.



Technical Data

Material	Stainless steel 1.4404 with roughness Ra < 0.8/1.6 µm or 1.4435 with roughness Ra < 0.6 µm and electro-polished
Storage tanks volume	100 – 50.000 l
Pressure resistance	-0,25/+0,49 bar or -1/+3 bar
Storage tanks	
Pump(s) distribution system	Hygienic pumps (optional), redundant pumps (optional)
Sanitization of storage and distribution system	Hot water sanitization, pressurized hot water sanitization (optional), steam sterilization (optional), ozonization (optional)
Cold / hot tapping	Automated via subloop with cooler or heater
Connections	Tri-Clamp according to DIN 32676 or aseptic connections according to DIN 11864
Valves	Diaphragm valves (D-valves), diaphragm valves with T-body (optional)
Inline / Online	
Process monitoring	Conductivity, TOC (optional), temperature, pressure, level, flow rate, ozone (optional)
Control and visualization	System control via Simatic S7 PLC, operation and visualization via Siemens TIA Portal
Computer validation	According to GAMP 5

Technical changes and errors excepted.