

Collapsible Liquid Storage Tank

This flexible tank offers a larger capacity than ordinary tanks while occupying a small area. Its foldable design facilitates easy transportation and reduces freight costs.



Product Overview

Flexible Storage Solution

These collapsible liquid storage tanks offer a high-capacity, space-saving alternative to traditional rigid tanks. Designed for efficiency, they are foldable for easier transportation, significantly reducing freight costs. The system supports remote, centralized fluid level monitoring and features a modular design for high reliability with minimal pipeline connections.

Optional Features

Heating System, Circulation System

Technical Specifications

Technical Parameters

Type		SHG120	SHG160	SHG210	SHG240	SHG300
Theoretical volume	m ³	120	160	210	240	300
	ft ³	4,238	5,651	7,416	8,475	10,594
Effective volume	m ³	115	155	205	235	295
	ft ³	4,061	5,474	7,240	8,299	10,418
Occupied area	m ²	21	25	33	45	45
	ft ²	226	269	355	484	484
Transportation Dimensions (L*W*H)	m	9.6x2.2x2.9	10x2.5x2.8	11.9x2.8x2.9	14x3.2x2.8	14x3.2x2.8
	ft	31.5x7.2x9.5	32.8x8.2x9.2	39x9.18x9.5	45.9x10.5x9.2	45.9x10.5x9.2
Working Dimensions (L*W*H)	m	9.6x2.2x9.8	10x2.5x10	11.9x2.8x9.8	14x3.2x8.5	14x3.2x10
	ft	31.5x7.2x32	32.8x8.2x9.2	39x9.18x32	45.9x10.5x27.9	45.9x10.5x32.8
Quality	t	18	20	22	26	32
Outlet Size	mm	39,683	44,093	48,502	57,320	70,548
	in	152	152	152	152	152
Specific pressure (after water)	MPa	0.2	0.2	0.2	0.2	0.2
	bar	2	2	2	2	2
Applicable temperature	°C	-45-80	-45-80	-45-80	-45-80	-45-80
Lifting Way		Crane	Crane	Crane	Crane or hydraulic	Crane

Detailed technical specifications and dimensions for SHG series flexible tanks.

Model Specifications

Model	Theoretical Vol (m ³)	Effective Vol (m ³)	Quality (t)
SHG120	120	115	18
SHG160	160	155	20
SHG210	210	205	22
SHG240	240	235	26
SHG300	300	295	32

Operational Details

Operational Limits

-45 °C

Min Temperature

80 °C

Max Temperature

0.2 MPa

Specific Pressure

Lifting Methods

- Crane
- Hydraulic

Outlet Size

152 mm