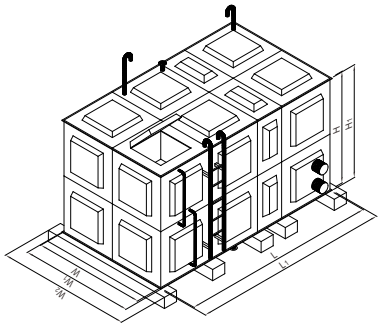
Galvanized steel fire protection water tank

Galvanized steel fire protection water tank is a water storage container to provide water source for fire sprinkler, hose or pump for fire protection purpose. It is assembled by modular bolted panel with easy and fast installation.



- Certificate: ISO
- Standard: Refer to NFPA 22, AWWA D103, EN 12845, 12S101
- Feature: Modular panel with bolted connection, inner liner sealing
- Nozzle: Flanged / grooved / threaded connection
- Surface: Hot dip galvanized tank, red painted frame
- Performance: Universal building code seismic 4, wind load



Main parts and material

Shell	Galvanized steel modular panel, size 1000x1000 / 1000x500 / 500x500mm	**Roof and bottom**	Galvanized steel plate, thickness 3 / 4 / 5mm
Liner	Flexible sealing tape, PVC, PU	**Nozzle type**	Inlet, outlet, vent, overflow, drain, size DN15 to DN250
Foundation	Steel frame, 2 continuous lines of steel footing plates	**Standard accessories**	Internal bracing rod, ladder, manhole, water level gauge

Available size

Tank volume (m^3)	Inside dimension (mm)			Overall dimension (mm)			Foundation	Ref. No.
	L	W	H	L1	W1	H1	W2 (mm)	
1	1000	1000	1000	1100	1100	1100	1200	U9101
3	2000	1500	1000	2100	1600	1100	1700	U9102
4.5	2000	1500	1500	2100	1600	1600	1700	U9103
6	2000	2000	1500	2100	2100	1600	2200	U9104
12	3000	2000	2000	3100	2100	2100	2200	U9105

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Available size

Tank volume (m^3)	Inside dimension (mm)			Overall dimension (mm)			Foundation	Ref. No.
	L	W	H	L1	W1	H1	W2 (mm)	
15	3000	2500	2000	3100	2600	2100	2700	U9106
18	3000	3000	2000	3100	3100	2100	3200	U9107
30	4000	3000	2500	4100	3100	2600	3200	U9108
36	4000	3000	3000	4100	3100	3100	3200	U9109
42	4000	3500	3000	4100	3600	3100	3700	U9110
54	4500	4000	3000	4600	4100	3100	4200	U9111
60	5000	4000	3000	5100	4100	3100	4200	U9112
70	5000	4000	3500	5100	4100	3600	4200	U9113
96	6000	4000	4000	6100	4100	4100	4200	U9114
140	7000	5000	4000	7100	5100	4100	5200	U9115
180	8000	5000	4500	8100	5100	4600	5200	U9116
225	9000	5000	5000	9100	5100	5100	5200	U9117
360	10000	6000	6000	10100	6100	6100	6200	U9118

Note:
1. It can be supplied with internal division walls as customized.
2. It can be fitted with double liners for secondary sealing.