

Earthsafe GT100 Global Tank System

Modular Fuel and Water Tank Systems






Built to ISO Container Specifications and UL Safety Standards



General Description

The GT100 Global Tank System provides maximum cost efficiency and operational flexibility for fuel and water storage. Standard Tank Systems are based on ISO Container Specifications for easy deployment to worldwide facilities. Capacities range from 2500 gallon (10,000 liter) for a 10 foot standard up to 20,000 gallon (80,000 liter) for a 53 foot high cube. Tanks from 50 Gallon (200 liter) to 10,000 Gallon (40,000 liter) are designed to redi-ship withing standard ISO shipping containers. Fuel tanks are built to UL 142 Double Wall Safety Standards.

The GT100 Global Tank System simplifies the specification, purchase, installation and operation of fuel and water storage systems. The bulk storage tank is factory equipped with tank accessory equipment, level and leak transfer pumps, filtration – polishing equipment, heating systems, and integrated monitoring and controls.

GT100	GT100B	GT100S	GT110	GT120
				
Standard Cubes 10K - 80K Liter 2500-20K GAL	Base Cubes 5K - 20K Liter 1300 - 5700 GAL	Side Cubes 5K - 20K Liter 1300 - 5700 GAL	Tank Cubes 4K - 40K Liters 1000 - 10K GAL	Compact Cubes 200 - 4000 Liter 50 - 1000 GAL
ISO Ship Standard	Equipment Deck ISO Ship Standard	Narrow Body ISO Ship Standard	2100 WxH Packs to ISO Container	In-Building Fuel and Day Tanks

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GT100 Global Tank System Standard Cubes

Dimensions and Weights	Model	ISO Standard	Tank	W	L	H	Empty	Operate
			GAL LITER	IN MM	IN MM	IN MM	LBS KG	LBS KG
UL 142 Double Wall	GT100.10	10 FT-3.0 Standard	2700 10,000	96 2438	120 3048	96 2438	4400 2000	25,000 11,000
	GT100.23	20 FT-6.1 Standard	6,200 23,800	96 2438	240 6096	96 2438	10,000 4600	56,000 26,000
	GT100.28	20 FT-6.1 High Cube	7,600 28,800	96 2438	240 6096	114 2900	12,200 5600	69,000 31,000
	GT100.50	40 FT-12.2 Standard	13,200 50,000	96 2438	480 12,192	96 2438	21,200 9600	119,000 54,000
	GT100.60	40 FT-12.2 High Cube	16,100 60,000	96 2438	480 12,192	114 2900	25,800 11,700	145,000 66,000
	GT100.80	53 FT High Cube	21,500 80,000	96 2438	636 16,194	114 2900	34,500 15,700	194,000 88,000



GT100B Global Tank System Base Tanks 4'-0" (1219) Height

Dimensions and Weights	Model	ISO Standard	Tank	W	L	H	Empty	Operate
			GAL LITER	IN MM	IN MM	IN MM	LBS KG	LBS KG
UL 142 Double Wall	GT100B.05	10 FT-3.0	1300 5,000	96 2438	120 3048	48 1219	2400 1100	12,000 5500
	GT100B.10	20 FT-6.1	2800 10,000	96 2438	240 6096	48 1219	4800 2200	24,000 11,000
	GT100B.20	40 FT-12.2	5700 21,500	96 2438	480 12,192	48 1219	9600 4400	48,000 22,000

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GT100S Global Tank System Side Tanks 4'-0" (1219) Width

Dimensions and Weights	Model	ISO Standard	Tank	W	L	H	Empty	Operate
			GAL LITER	IN MM	IN MM	IN MM	LBS KG	LBS KG
UL 142 Double Wall	GT100S.05	10 FT-3.0	1300 5,000	48 1219	120 3048	96 2438	2400 1100	12,000 5500
	GT100S.10	20 FT-6.1	2600 10,000	48 1219	240 6096	96 2438	4800 2200	24,000 11,000
	GT100S.20	40 FT-12.2	5200 20,000	48 1219	480 12,192	96 2438	9600 4400	48,000 22,000



GT110 Global Tank System Tank Cubes

Dimensions and Weights	Model	Tank	W	L	H	Empty	Operate
		GAL LITER	IN MM	FT-IN MM	IN MM	LBS KG	LBS KG
UL 142 Double Wall	GT110.04	1000 4000	84 2134	7'-0" 2630	84 2134	3500 1600	11,000 5000
	GT110.06	1500 6000	84 2134	8'-9" 3200	84 2134	4200 1900	16,000 7000
	GT110.08	2000 8000	84 2134	10'-6" 3770	84 2134	5000 2300	20,000 9000
	GT110.10	2500 10,000	84 2134	12'-3" 4330	84 2134	6000 2700	25,000 11,000
	GT110.12	3000 12,000	84 2134	14'-0" 4900	84 2134	7000 3200	29,000 14,000
	GT110.16	4000 16,000	84 2134	17'-6" 6030	84 2134	8600 3900	38,000 18,000
	GT110.20	5000 20,000	84 2134	21'-0" 7160	84 2134	10,000 4600	47,000 22,000
	GT110.25	6000 25,000	84 2134	24'-6" 8580	84 2134	11,400 5200	56,000 26,000
	GT110.30	8000 30,000	84 2134	31'-6" 10000	84 2134	14,000 6400	73,000 33,000
	GT110.40	10,000 40,000	84 2134	38'-6" 12830	84 2134	16,100 7300	90,000 41,000

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GT120 Global Tank System Compact Cubes GALLONS

Dimensions and Weights	Model	Tank	W	L	H	Empty	Operate
		GAL	IN	FT-IN	IN	LBS	LBS
UL 142 Double Wall	GT300.0050	50	30	21	40	250	700
	GT300.0100	100	30	35	40	450	1200
	GT300.0150	150	30	48	40	650	1800
	GT300.0200	200	30	50	50	800	2300
	GT300.0250	250	30	55	50	900	2800
	GT300.0300	300	30	66	50	1000	3200
	GT300.0400	400	40	53	50	1200	4200
	GT300.0500	500	40	78	50	1400	5100
	GT300.0600	600	40	76	60	1600	6100
	GT300.0650	650	40	82	60	1700	6500
	GT300.0700	700	40	88	60	1800	7000
	GT300.0750	750	50	73	60	1900	7500
	GT300.0800	800	50	84	60	2000	8000
	GT300.0900	900	60	78	60	2200	8900
GT300.1000	1000	60	80	60	3500	11,000	



GT120 Global Tank System Compact Cubes LITERS

Dimensions and Weights	Model	Tank	W	L	H	Empty	Operate
		LITER	MM	MM	MM	KG	KG
UL 142 Double Wall	GT300.0200	200	750	550	1000	120	300
	GT300.0400	400	750	950	1000	220	580
	GT300.0600	600	750	1350	1000	310	850
	GT300.0800	800	750	1750	1000	390	1100
	GT300.1000	1000	1000	1250	1250	440	1300
	GT300.1500	1500	1000	1750	1250	550	1900
	GT300.2000	2000	1250	1800	1250	680	2500
	GT300.2500	2500	1250	2250	1250	790	3000
	GT300.3000	3000	1250	2250	1500	910	3600
	GT300.3500	3500	1500	2100	1500	1100	4200
	GT300.4000	4000	1500	2350	1500	1700	5300

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5 of 5

GT100 Global Tank System General Specifications	
Construction	Welded Carbon Steel Construction 0.25 IN (6 mm) Internal Wall Epoxy External Finish 2 Coat
Tank Accessories	Standard Vent Cap 3 IN (75 mm) Emergency Vent Primary Emergency Vent Secondary Inspection Port and Cap Direct Reading Gauge
Piping Connections	3 IN (75 mm) Fuel Fill 2 IN (25 mm) Fuel Supply 2 IN (25 mm) Fuel Return
Instrumentation and Control	C80 Tank Monitoring Module PLC Based Controller Touch Screen Display Tank Level Transmitter Tank Temperature Transmitter Tank High Level Sensor Tank Interstitial Leak Sensor
Accessory Equipment	Tank Remote Fill Systems Tank Fill Pump Systems Duplex Transfer Pumps Filtration – Polisher Systems Temperature Control – Heating Issue / Receipt Metering Systems Vehicle Fuel Dispensers and Management Fluid Blending and Process Systems

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earth safe
Fuel Systems for Critical Facilities