

Flexible

Water Storage Tanks



For Commercial and Residential Use

- Solar Thermal Systems
- Wood Burning Systems
- Cogeneration Systems
- Fire Protection Systems
- Potable Water Systems
- Aquaculture Systems



Hydroflex Flexible Water Storage Tanks are extremely durable and light weight. Installation is much simpler than many other storage tanks.

All tanks, ranging from 100 to 5000 gallons, are crated to a width of 19" or 24". This allows tanks to fit through standard doorway openings, greatly reducing demolition and construction costs.

A wide selection of heat exchangers and ports are available to fit your specific needs. And upon request, tanks can be made in custom sizes.



Contact Information

855-268-3456

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General

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Technical Support

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HYDROFLEXTM
WATER STORAGE TANKS

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Tank Sizes

(Double Insulation Kits available for all tanks and increase R value from R18 to R30)

4' Tall

Model Number	Capacity (gal)*	Diameter (in)	Height (in)	Weight (lbs)	Crate Size (in) (W x H x L)	Max No. of Coils†
T100	100	33	48	119	19 x 52 x 55	1
T150	150	36	48	129	19 x 52 x 60	1
T200	200	40	48	137	19 x 52 x 65	1
T225	225	44	48	141	20 x 52 x 70	1
T250	250	48	48	155	19 x 52 x 75	2
T300	300	52	48	166	19 x 52 x 80	3
T400	400	58	48	185	19 x 52 x 90	3
T500	500	64	48	206	19 x 52 x 100	4
T600	600	70	48	227	19 x 52 x 110	5
T700	700	76	48	241	19 x 52 x 120	6
T800	800	80	48	267	19 x 52 x 125	7
T950	950	86	48	303	19 x 52 x 135	8
T1200	1200	96	48	359	19 x 52 x 151	9
T1300	1300	100	48	386	24 x 52 x 157	10*

5' Tall

Model Number	Capacity (gal)*	Diameter (in)	Height (in)	Weight (lbs)	Crate Size (in) (W x H x L)	Max No. of Coils†
T350-5	350	48	60	179	19 x 63 x 75	1
T400-5	400	52	60	222	19 x 63 x 80	2
T500-5	500	58	60	226	19 x 63 x 90	3
T600-5	600	64	60	264	19 x 63 x 100	4
T700-5	700	67	60	270	19 x 63 x 105	5
T800-5	800	70	60	274	19 x 63 x 110	5
T950-5	950	76	60	309	19 x 63 x 120	6
T1000-5	1000	80	60	338	19 x 63 x 125	7
T1200-5	1200	86	60	371	19 x 63 x 135	8
T1500-5	1500	96	60	426	19 x 63 x 151	9
T2100-5	2100	110	60	732	24 x 63 x 172	10*
T2500-5	2500	120	60	784	24 x 63 x 188	12*

6' Tall

Model Number	Capacity (gal)*	Diameter (in)	Height (in)	Weight (lbs)	Crate Size (in) (W x H x L)	Max No. of Coils†
T800-6	800	64	72	281	19 x 76 x 100	4
T1000-6	1000	70	72	314	19 x 76 x 110	5
T1100-6	1100	76	72	354	19 x 76 x 120	6
T1300-6	1300	80	72	382	19 x 76 x 125	7
T1500-6	1500	86	72	413	19 x 76 x 135	8
T1900-6	1900	96	72	723	19 x 76 x 151	9
T2000-6	2000	100	72	754	24 x 76 x 157	10*
T3000-6	3000	120	72	888	24 x 76 x 188	12*
T3400-6	3400	128	72	954	24 x 76 x 201	**

7' Tall

Model Number	Capacity (gal)*	Diameter (in)	Height (in)	Weight (lbs)	Crate Size (in) (W x H x L)	Max No. of Coils†
T1700-7	1700	86	84	666	19 x 90 x 135	8
T2200-7	2200	96	84	774	19 x 90 x 151	9
T2800-7	2800	108	84	925	24 x 90 x 170	10*
T3500-7	3500	120	84	1064	24 x 90 x 188	12*
T4000-7	4000	128	84	1179	24 x 90 x 201	**
T4500-7	4500	135	84	1278	24 x 90 x 212	**
T5000-7	5000	142	84	1344	24 x 90 x 223	**

* Nominal † Does not apply to 90/120 Coil * Piping layout / assembly will be challenging ** Consult factory before ordering coils

Standard Tank Specifications

Liner: .045 EPDM Rubber
Walls & Lid: 2" Polyisocyanurate Foil Face Insulation, .32 Gauge Embossed Aluminum (R18 Value)
Bottom: 1" Polyisocyanurate Foil Face Insulation and 1" Polystyrene Board

Tank Applications

Heat Storage for Solar Thermal Systems
 Heat Storage for Wood Burning Systems
 Heat Storage for Cogeneration
 Buffer Tanks for Boilers & Chillers
 Fire Suppression Systems
 Potable Water Systems
 Aquaculture Systems

Coil Applications

Domestic Hot Water Supply
 Low Temperature Heat Systems
 All Closed Loop Boiler Systems

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Heat Exchangers

Part Number	Description Copper†† Heat Exchangers	Weight (lbs)
CHX120-1	120' Coil, 1" Tubing	77
CHX100-1	100' Coil, 1" Tubing	61
CHX60120	60' & 120' Double Coil 3/4" Tubing	98
CHX9090	90' & 90' Double Coil 3/4" Tubing	98
CHX6060	60' & 60' Double Coil 3/4" Tubing	74
CHX90120	90' & 120' Double Coil 3/4" Tubing	118
CHX60	60' Coil, 3/4" Tubing	35
CHX90	90' Coil, 3/4" Tubing	52
CHX120	120' Coil, 3/4" Tubing	70
CHX180	180' Coil, 3/4" Tubing	93

†† Copper prices subject to surcharge

Part Number	Description Ports	Weight (lbs)
PP075	3/4" Pipe Passage	-
PP1	1" Pipe Passage	-
PP125	1-1/4" Pipe Passage	-
PP15	1-1/2" Pipe Passage	-
PP2	2" Pipe Passage	-
CSS1	1" MPT Connection*	4
CSS15	1-1/2" MPT Connection*	5
CSS2	2" MPT Connection*	6
CSS25	1-1/2" MPT Connection*	7
WLI	Water Level Indicator	2
EXT	HEX Extension Stand 3/4" Tubing	10
EXT-1	HEX Extension Stand 1" Tubing	10

* Stainless Steel



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