# Large Volume Tank Products Pricing and Ordering

Large Volume Storage Tanks, Model ST	2
Chilled Water Buffer Tanks, Model BT	.7
Hydraulic Separators / Hot Water Buffer Tanks, Model HT	.9
Options for Models ST, BT, HT & XT	10
Expansion Bladder Tanks, Model LEBT	11
Commercial Electric Water Heater, Model EV	12
Hot Water Generator, Model XT	17





#### **Model ST Model Nomenclature** S Х Х **Optional Openings** Series Configuration Dia. Height Pressure Options X - None V - Vertical (or length S-125psi XXX-Standard H - Horizontal horizontal) M-Manway (std 42"+) H-150psi (characters H-Hand hole I-Other assigned at the factory) Insulation Construction Hot Outlet Tapping G- Carbon steel, glass-lined B - Bare tank w/ red oxide paint B- 21/2" NPT std 30-36" dia tanks I - Insulating foam & topcoat C- 3" NPT std 42-84" dia tanks E- Carbon steel, epoxy-lined R-16 closed cell in/outdoor D-4" NPT D- Carbon steel, double-glass-lined J - Insulated with steel jacket\* F-Flange N- Carbon steel, no lining

R-12 open cell indoor use only

\*May increase lead time

S-Special

Note: Inlet/outlet water = 3"NPT std

Large Volume Storage Tank Pricing - Effective December 6, 2021

#### Notes:

2- Duplex stainless steel

3- 316L stainless steel

- 1. Any tank may be customized with the options and accessories shown in this document.
- 2. Up to 48" diameter tanks use a 4" skirt. 54" diameter and larger tanks use a 6" skirt.
- 3. Saddles are mandatory for horizontal tanks. To add for saddles, see the custom tank options page.
- 4. Carbon steel tanks are built with anode rods.
- 5. Larger diameter tanks may be available. Call factory.
- 6. Alternate stainless steel compositions may be available. Call factory.
- 7. If desired, dedicated cold water makeup tappings can be ordered. See the options and accessories page.
- 8. Warranties:

Carbon steel glass-lined carries a 5-year limited tank warranty.

Carbon steel double-glass-lined carries a 10-year limited tank warranty.

Carbon steel epoxy-lined or unlined carry a 1-year limited tank warranty.

Duplex stainless steel construction carries a 25-year limited tank warranty.

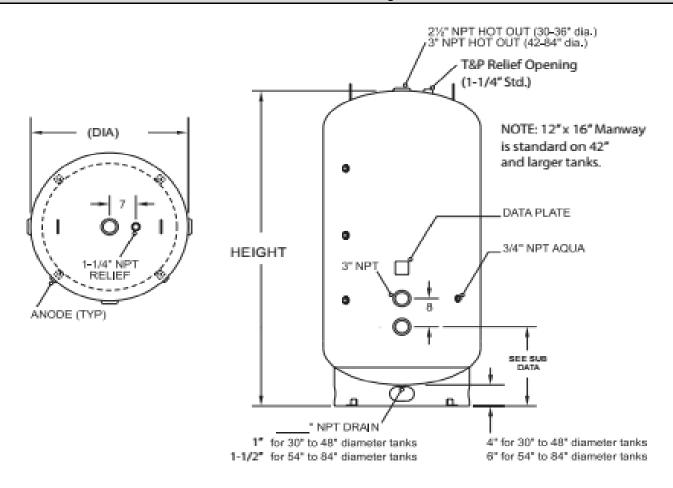
316L stainless steel construction carries a 10-year limited tank warranty.

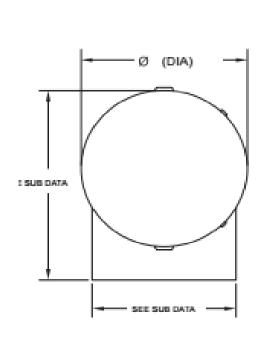
See warranty documents for details.

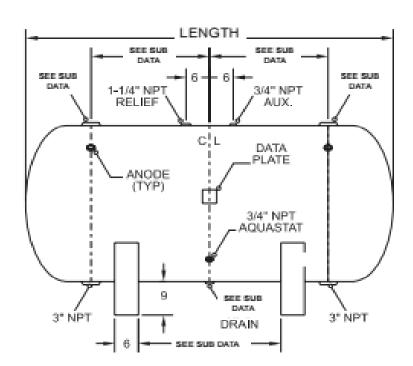
## Large Volume Storage Tank Pricing - Effective December 6, 2021

#### **Model ST**

#### **Dimensional Drawing**







## Large Volume Storage Tank Pricing - Effective December 6, 2021 Model ST

	Model Data											
STN	/lodel	Size	Nominal Gallons	Actual Gallons	Bare Tank Vertical	<b>Weight, Ibs.</b> Horizontal	Topcoated Ta Vertical	ank Weight, Ibs. Horizontal	Jacketed Tar Vertical	n <b>k Weight, Ibs.</b> Horizontal		
3 0	0	6 3	193	175	340	365	340	365	548	570		
3 0	0	7 5	229	210	387	412	387	412	613	613		
3 0	0	8 5	260	240	420	545	420	545	673	755		
3 0	0	9 9	303	280	483	508	483	508	700	728		
3 0	1	1 1	340	320	530	555	530	555	730	774		
3 6	0	7 2	317	285	550	576	550	576	714	776		
3 6	0	7 8	344	310	588	614	588	614	782	827		
3 6	0	8 5	375	340	633	659	633	659	845	876		
3 6	0	9 0	397	360	664	690	664	690	894	935		
3 6	1	0 2	449	415	742	768	742	768	982	1016		
3 6		1 4	502	465	818	884	818	884	1106	1157		
3 6	4	2 6	555	515	894	920	894	920	1194	1260		
4 2		8 1	486	435	783	810	783	810	1024	1110		
4 2		8 4	504	453	805	832	805	832	1074	1049		
4 2		9 3	558	505	874	874	874	874	1168	1181		
4 2		0 5	630	575	963	900	963	900	1292	1263		
4 2	_	1 7	702	645	1052	984	1052	984	1392	1352		
4 2		<ul><li>2</li><li>9</li><li>3</li><li>9</li></ul>	774 846	720 790	1140 1217	1068 1138	1140 1217	1068 1138	1498 1587	1460 1547		
			572	500	1038	1090	1038	1090	1381	1449		
4 8		7 3 8 4	658	580	1038	1090	1038	1090	1539	1593		
4 8		9 6	752	675	1298	1350	1298	1350	1653	1750		
4 8		0 8	846	765	1433	1485	1433	1485	1803	1803		
4 8		1 6	909	836	1522	*	1522	*	*	*		
4 8		2 0	940	860	1567	1619	1567	1619	1947	2069		
4 8		4 1	1128	1040	1805	1857	1805	1857	2216	2407		
4 8		6 8	1306	1225	2186	2160	2186	2160	n/a	n/a		
5 4	0	9 9	981	875	1596	1696	1596	1696	2200	2275		
5 4		1 3	1119	1000	1827	*	1827	*	2400	2475		
5 4	1	2 3	1219	1110	1889	2124	1889	2124	2575	2650		
5 4	1	3 4	1327	1200	1969	2252	1969	2252	*	2825		
5 4	1	4 7	1457	1340	2182	2306	2182	2306	n/a	n/a		
5 4	1	5 6	1545	1442	*	2364	*	2419	n/a	n/a		
5 4	1	6 0	1585	1481	2402	*	2402	*	n/a	n/a		
5 4	1	6 5	1635	1500	2484	2734	2484	2734	n/a	n/a		
5 4	1	8 3	1814	1690	2722	2972	2722	2972	n/a	n/a		
6 0	0	9 6	1174	1000	2007	2548	2007	2548	2600	2675		
6 0	1	1 4	1395	1245	2376	2648	2376	2648	3050	3050		
	1	2 8	1565	1430	*	2736	*	2736	3175	*		
6 0	4	3 8	1689	1530	2797	2829	2797	2829	3500	3575		
6 0		6 8	1983	1820	3210	3560	3210	3560	n/a	n/a		
6 0	_	7 7	2165	2000	3481	3491 *	3481	3491	n/a	n/a		
6 0		8 6	2276 2570	2105 2395	3639 3922		3639 3922	* 4172	n/a	n/a		
6 0		1 0	1655		2551	4172 *		*	n/a *	n/a *		
7 2		9 4	1761	1433 1538	2551	2942	2551 2677	2942	*	*		
7 2		1 7	2061	1800	3035	3305	3035	3305	*	*		
7 2	_	2 0	2115	1865	3099	3369	3099	3369	*	*		
7 2		2 8	2256	2000	3267	3540	3267	3540	*	*		
7 2		4 4	2538	2285	3304	3881	3304	3881	n/a	n/a		
7 2		5 7	2765	2500	3878	4105	3878	4105	n/a	n/a		
7 2		6 8	2959	2727	4110	4394	4110	4394	n/a	n/a		
7 2		9 2	3382	3147	4616	4852	4616	4852	n/a	n/a		
7 2		1 6	3805	3567	5122	5418	5122	5418	n/a	n/a		
7 2		5 0	4404	4162	5616	6144	5616	6144	n/a	n/a		
8 4	1	2 1	2901	2500	4265	4684	4265	4684	n/a	n/a		
8 4		3 8	3308	2915	4747	5196	4747	5196	n/a	n/a		
8 4	1	6 2	3884	3480	5428	5902	5428	5902	n/a	n/a		
8 4	1	8 6	4459	4045	6109	6614	6109	6614	n/a	n/a		
8 4	2	1 0	5038	4610	6789	7327	6789	7327	n/a	n/a		
8 4	2	5 6	6138	5695	8094	8693	8094	8693	n/a	n/a		

\*Contact Factory

## Large Volume Storage Tank Pricing - Effective December 6, 2021

#### **Model ST**

#### **List Pricing**

	Model Character 4						odel Characte	er 5
	" G "	"E"	" D "	" 2 "	" 3 "	"B"	" "	"J"
	Standard	Ероху	Double	Duplex	316L	Bare	Insulating	Insulated
	Glass	Lined	Glass	Stainless	Stainless	Rex Oxide	Topcoat	Steel
Nom. Act.	Lined		Lined			Paint		Jacket
Model Gal. Gal.	List Price	Adder	Adder	Adder	Adder		Adder	Adder
S T # # # 3 0 0 6 3 193 175	\$8,884	\$83	\$2,023	\$15,284	\$14,076	standard	\$2,688	\$4,579
S T # # # 3 0 0 7 5 229 210	\$9,269	\$87	\$2,023	\$16,046	\$14,779	standard	\$3,166	\$4,897
S T # # # 3 0 0 8 5 260 240	\$9,730	\$90	\$2,023	\$16,443	\$15,133	standard	\$3,583	\$5,505
S T # # # 3 0 0 9 9 303 280	\$10,270	\$96	\$2,023	\$17,177	\$15,805	standard	\$4,121	\$5,706
S T # # # 3 0 1 1 1 340 320	\$10,696	\$101	\$2,023	\$17,845	\$16,419	standard	\$4,540	\$5,733
S T # # # 3 6 0 7 2 317 285	\$11,447	\$107	\$2,768	\$16,232	\$14,849	standard	\$3,583	\$5,851
S T # # # 3 6 0 7 8 344 310	\$11,784	\$110	\$2,768	\$16,364	\$14,956	standard	\$3,941	\$6,175
S T # # # 3 6 0 8 5 375 340	\$12,389	\$116	\$2,768	\$16,551	\$15,115	standard	\$4,300	\$6,362
S T # # # 3 6 0 9 0 397 360	\$12,611	\$117	\$2,768	\$16,738	\$15,272	standard	\$4,479	\$6,402
S T # # # 3 6 1 0 2 449 415	\$13,241	\$123	\$2,768	\$20,052	\$18,387	standard	\$5,076	\$6,465
S T # # # 3 6 1 1 4 502 465	\$13,778	\$129	\$2,768	\$22,086	\$20,292	standard	\$5,674	\$6,872
S T # # # 3 6 1 2 6 555 515	\$14,409	\$135	\$2,768	\$24,029	\$22,106	standard	\$6,212	\$7,355
S T # # # 4 2 0 8 1 486 435	\$14,462	\$135	\$3,640	\$29,464	\$27,245	standard	\$4,778	\$7,900
S T # # # 4 2 0 8 4 504 453	\$14,915	\$140	\$3,640	\$29,464	\$27,245	standard	\$4,957	\$8,580
S T # # # 4 2 0 9 3 558 505	\$15,382	\$143	\$3,640	\$29,630	\$27,380	standard	\$5,435	\$9,077
S T # # # 4 2 1 0 5 630 575	\$16,105	\$151	\$3,640	\$29,749	\$27,457	standard	\$6,212	\$9,593
S T # # # 4 2 1 1 7 702 645	\$16,724	\$156	\$3,640	\$29,973	\$27,637	standard	\$6,748	\$9,802
S T # # # 4 2 1 2 9 774 720	\$17,439	\$163	\$3,640	\$30,100	\$27,725	standard	\$7,405	\$9,859
S T # # # 4 2 1 3 9 846 790	\$18,090	\$169	\$3,640	\$30,294	\$27,876	standard	\$7,942	\$9,950
S T # # # 4 8 0 7 3 572 500	\$17,985	\$168	\$4,974	\$26,368	\$24,150	standard	\$4,957	\$9,097
S T # # # 4 8 0 8 4 658 580	\$19,202	\$180	\$4,974	\$27,651	\$25,307	standard	\$5,674	\$10,007
S T # # # 4 8 0 9 6 752 675	\$20,913	\$195	\$4,974	\$28,665	\$26,187	standard	\$6,390	\$11,008
S T # # # 4 8 1 0 8 846 765	\$22,315	\$208	\$4,974	\$29,991	\$27,375	standard	\$7,165	\$12,108
S T # # # 4 8 1 1 6 909 836	\$23,445	\$218	\$4,974	\$31,588	\$28,839	standard	\$7,704	\$13,319
S T # # # 4 8 1 2 0 940 860	\$24,575	\$230	\$4,974	\$35,228	\$32,238	standard	\$7,882	\$14,652
S T # # # 4 8 1 4 1 1128 1040	\$27,484	\$257	\$4,974	\$37,796	\$34,533	standard	\$9,196	\$16,116
S T # # # 4 8 1 6 8 1306 1225	\$30,630	\$285	\$4,974	*	*	standard	\$10,928	*
S T # # # 5 4 0 9 9 981 875	\$32,190	\$300	\$9,128	*	*	standard	\$7,405	\$16,980
S T # # # 5 4 1 1 3 1119 1000	\$33,814	\$314	\$9,128	*	*	standard	\$8,241	\$18,981
S T # # # 5 4 1 2 3 1219 1110	\$35,436	\$331	\$9,128	*	*	standard	\$9,077	\$21,070
S T # # # 5 4 1 3 4 1327 1200	\$38,984	\$363	\$9,128	*	*	standard	\$10,093	\$24,300
S T # # # 5 4 1 4 7 1457 1340	\$39,882	\$372	\$9,128	*	*	standard	\$10,809	*
S T # # # 5 4 1 5 6 1545 1442	\$40,466	\$378	\$9,128	*	*	standard	\$11,168	*
S T # # # 5 4 1 6 0 1585 1481	\$41,052	\$382	\$9,128	*	*	standard	\$11,585	*
S T # # # 5 4 1 6 5 1635 1500	\$42,154	\$392	\$9,128	*	*	standard	\$12,003	*
S T # # # 5 4 1 8 3 1814 1690	\$44,607	\$415	\$9,128	*	*	standard	\$13,317	*
		·		* Contact Fac	ctory	·		

<sup>\*</sup> Contact Factory

#### # Model character 3:

V for vertical

H for horizontal (saddles must be added, and are not included in the tank price - see options page)

#### Model character 4:

G for carbon steel glass-lined (standard)

E for carbon steel epoxy-lined

D for carbon steel double-glass-lined

2 for duplex stainless steel

3 for 316L stainless steel

N for unlined carbon steel (priced upon request)

#### Model character 5:

B for bare tank (standard)

I for insulating topcoat

J for insulated steel jacket

## Large Volume Storage Tank Pricing - Effective December 6, 2021

### Model ST List Pricing

	١	Model Charact	ter 4		Mo	odel Characte	er 5
İ	"G"	" D "	" 2 "	" 3 "	"B"	" "	" J "
	Standard	Double			Bare		
	Glass Epoxy	Glass	Duplex	316L	Rex Oxide	Insulating	Insulation
Nom. Act.	Lined Lined	Lined	Stainless	Stainless	Paint	Topcoat	and Jacket
Model Gal. Gal.	List Price Adder	Adder	Adder	Adder		Adder	Adder
S T # # # 6 0 0 9 6 1174 1000	\$41,156 \$384	\$11,087	*	*	standard	\$8,898	\$21,954
S T # # # 6 0 1 1 4 1395 1245	\$45,948 \$428	\$11,087	*	*	standard	\$9,376	\$22,422
S T # # # 6 0 1 2 8 1565 1430	\$48,351 \$451	\$11,087	*	*	standard	\$10,331	\$23,623
S T # # # 6 0 1 3 8 1689 1530	\$50,754 \$473	\$11,087	*	*	standard	\$11,287	\$24,899
S T # # # 6 0 1 6 8 1983 1820	\$55,051 \$513	\$11,087	*	*	standard	\$13,615	*
S T # # # 6 0 1 7 7 2165 2000	\$57,695 \$537	\$11,087	*	*	standard	\$14,630	*
S T # # # 6 0 1 8 6 2276 2105	\$60,339 \$562	\$11,087	*	*	standard	\$15,048	*
S T # # # 6 0 2 1 0 2570 2395	\$65,021 \$605	\$11,087	*	*	standard	\$16,899	*
S T # # # 7 2 0 9 4 1655 1433	\$49,495 \$461	\$15,752	*	*	standard	\$10,391	\$26,212
S T # # # 7 2 1 0 0 1761 1538	\$50,028 \$466	\$15,752	*	*	standard	\$10,569	\$26,814
S T # # # 7 2 1 1 7 2061 1800	\$54,646 \$509	\$15,752	*	*	standard	\$12,182	\$27,414
S T # # # 7 2 1 2 0 2115 1865	\$55,271 \$514	\$15,752	*	*	standard	\$12,688	\$27,991
S T # # # 7 2 1 2 8 2256 2000	\$55,866 \$521	\$15,752	*	*	standard	\$13,197	\$28,615
S T # # # 7 2 1 4 4 2538 2285	\$60,576 \$563	\$15,752	*	*	standard	\$14,093	*
S T # # # 7 2 1 5 7 2765 2500	\$64,177 \$598	\$15,752	*	*	standard	\$15,884	*
S T # # # 7 2 1 6 8 2959 2727	\$66,188 \$616	\$15,752	*	*	standard	\$16,363	*
S T # # # 7 2 1 9 2 3382 3147	\$73,418 \$683	\$15,752	*	*	standard	\$18,571	*
S T # # # 7 2 2 1 6 3805 3567	\$78,506 \$731	\$15,752	*	*	standard	\$20,840	*
S T # # # 7 2 2 5 0 4404 4162	\$85,912 \$800	\$15,752	*	*	standard	\$24,006	*
S T # # # 8 4 1 2 1 2901 2500	\$75,315 \$702	\$18,732	*	*	standard	\$14,750	*
S T # # # 8 4 1 3 8 3308 2915	\$82,958 \$772	\$18,732	*	*	standard	\$15,765	*
S T # # # 8 4 1 6 2 3884 3480	\$92,656 \$862	\$18,732	*	*	standard	\$18,393	*
S T # # # 8 4 1 8 6 4459 4045	\$99,450 \$926	\$18,732	*	*	standard	\$21,020	*
S T # # # 8 4 2 1 0 5038 4610	\$107,344 \$998	\$18,732	*	*	standard	\$23,647	*
S T # # # 8 4 2 5 6 6138 5695	\$121,836 \$1,133	\$18,732	*	*	standard	\$28,663	*

<sup>\*</sup> Contact Factory

#### # Model character 3:

V for vertical

H for horizontal (saddles must be added, and are not included in the tank price - see options page)

#### Model character 4:

G for carbon steel glass-lined (standard)

E for carbon steel epoxy-lined

D for carbon steel double-glass-lined

2 for duplex stainless steel

3 for 316L stainless steel

N for unlined carbon steel (priced upon request)

#### Model character 5:

B for bare tank (standard)

I for insulating topcoat

J for insulated steel jacket

## Chilled Water Buffer Tank Pricing - Effective December 6, 2021

#### **Model BT**

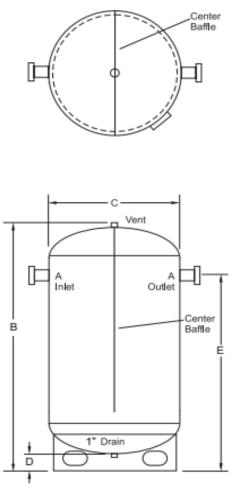
#### **Model Nomenclature** 14 15 16 Т X X X В Dia. Height Manway / Hand Hole Pressure Series Configuration Options BT-buffer S-125psi (std) XXX-Standard V - Vertical X-none (std) or - Horizontal Length M-manway H-150psi (Other special H-hand hole I-other codes assigned by Laars) Construction Insulation Inlet / Outlet Tappings A - 2" NPT (std on 24" buffer tank) N- Carbon steel B - Bare tank (std) 2- Duplex stainless steel I - Insulating foam and topcoat F - Flange (std on 30-60" buffer tanks) 3- 316L stainless steel R-16 closed cell indoor or outdoor S - Special E- Carbon steel, epoxy lined

#### **NOTES:**

- 1. Standard tank is vertical, built less manway or hand hole, with base ring, 125 psi.
- 2. Manways are not required on chilled water buffer tanks.
- 3. Tanks are certified ASME Section VIII, Div 1 Code.
- 4. Optional foam and topcoat has R-16 value.
- 5. Vertical tanks are welded into 4" or 6" base ring.
- 6. Vertical tanks are supplied with center baffle.

- 7. Add saddles to horizontal tanks. See "Tank Options" page.
- 8. Custom sizes/materials may be available upon request.
- 9. Warranties:
- Carbon steel carries a 1-year limited tank warranty.
- Duplex construction carries a 25-year limited tank warranty.
- 316L construction carries a 10-year limited tank warranty.

								Capacity		В	С	D	Е	Weight
Carbon Steel Unlined Model								Gallons	Α	in.	in.	in.	in.	lbs
В	Т	#	2	4	0	7	2	130	2" NPT	76	24	4	63.63	375
В	Т	#	3	0	0	7	5	210	3" FLG	79	30	4	63.38	425
В	Т	#	3	6	0	7	2	300	4" FLG	76	36	4	59.75	633
В	Т	#	3	6	0	9	0	360	4" FLG	94	36	4	77.75	715
В	Т	#	4	2	0	7	2	380	4" FLG	76	42	4	58.25	1250
В	Т	#	4	2	0	8	4	460	4" FLG	88	42	4	70.25	1250
В	Т	#	4	2	0	9	0	500	4" FLG	94	42	4	76.25	1300
В	Т	#	4	2	1	0	0	550	4" FLG	104	42	4	85.00	1425
В	Т	#	4	8	0	7	3	500	6" FLG	77	48	4	56.25	1150
В	Т	#	4	8	0	8	4	588	6" FLG	88	48	4	64.50	1425
В	Т	#	4	8	0	9	0	600	6" FLG	94	48	4	73.25	1765
В	Т	#	4	8	0	9	6	675	6" FLG	102	48	4	79.25	1885
В	Т	#	4	8	1	4	1	1000	6" FLG	145	48	4	124.25	1957
В	Т	#	5	4	0	9	6	850	6" FLG	102	54	6	79.63	1630
В	Т	#	5	4	1	4	7	1350	6" FLG	163	54	6	132.00	2800
В	Τ	#	5	4	1	6	5	1530	6" FLG	161	54	6	147.50	3100
В	Т	#	6	0	0	9	6	1040	8" FLG	102	60	6	76.75	2280
В	Τ	#	6	0	1	3	5	1500	8" FLG	142	60	6	104.00	3375
В	Т	#	6	0	1	7	7	2000	8" FLG	183	60	6	155.00	4225



## Chilled Water Buffer Tank Pricing - Effective December 6, 2021

#### **Model BT**

#### **List Prices**

													Model Ch	naracter 4		Model Ch	naracter 5
												" N "	" 2 "	" 3 "	"E"	"B"	"1"
											Standard	Carbon	Duplex	316L	Ероху	Bare	Insulating
										Capacity	Bare Tank	Steel	Stainless	Stainless	Lined	Red Oxide	Topcoat
Мо	del									Gallons	List Price		Adder	Adder	Adder	Paint	Adder
В	Т	#	#	#	2	4	0	7	2	130	\$5,875	standard	*	*	\$4,727	standard	\$2,389
В	Т	#	#	#	3	0	0	7	5	210	\$7,536	standard	\$11,515	\$9,949	\$5,793	standard	\$3,166
В	Т	#	#	#	3	6	0	7	2	300	\$9,974	standard	\$13,790	\$12,210	\$6,231	standard	\$3,583
В	Т	#	#	#	3	6	0	9	0	400	\$11,184	standard	\$16,076	\$14,057	\$7,360	standard	\$4,479
В	Т	#	#	#	4	2	0	7	2	394	\$10,736	standard	\$15,434	\$13,494	\$7,092	standard	\$4,778
В	Т	#	#	#	4	2	0	8	4	460	\$14,127	standard	\$39,556	\$35,578	\$7,988	standard	\$4,957
В	Т	#	#	#	4	2	0	9	0	500	\$14,443	standard	\$40,003	\$35,969	\$8,167	standard	\$5,435
В	Т	#	#	#	4	2	1	0	0	550	\$15,238	standard	\$40,228	\$36,119	\$8,373	standard	\$6,212
В	Т	#	#	#	4	8	0	7	3	528	\$14,761	standard	\$36,851	\$33,028	\$8,030	standard	\$4,957
В	Т	#	#	#	4	8	0	8	4	588	\$15,158	standard	\$37,288	\$33,402	\$8,561	standard	\$5,674
В	Т	#	#	#	4	8	0	9	0	600	\$15,395	standard	\$36,489	\$32,646	\$8,973	standard	\$6,127
В	Т	#	#	#	4	8	0	9	6	700	\$15,840	standard	\$38,776	\$34,731	\$10,193	standard	\$6,390
В	Т	#	#	#	4	8	1	4	1	1000	\$23,411	standard	\$48,501	\$43,176	\$13,363	standard	\$9,196
В	Т	#	#	#	5	4	0	9	6	850	\$30,173	standard	*	*	\$10,478	standard	\$7,405
В	Т	#	#	#	5	4	1	4	7	1350	\$44,542	standard	*	*	\$15,397	standard	\$10,809
В	Т	#	#	#	5	4	1	6	5	1530	\$47,927	standard	*	*	\$16,956	standard	\$12,003
В	Т	#	#	#	6	0	0	9	6	1040	\$43,044	standard	*	*	\$11,572	standard	\$8,898
В	Т	#	#	#	6	0	1	3	5	1500	\$52,629	standard	*	*	\$15,692	standard	\$11,287
В	Т	#	#	#	6	0	1	7	7	2000	\$59,050	standard	*	*	\$20,174	standard	\$14,630

<sup>\*</sup> Contact Factory

#### # Model character 3:

V for vertical

H for horizontal (saddles must be added, and are not included in the tank price - see options page)

#### Model character 4:

N for unlined carbon steel (standard)

2 for duplex stainless steel

3 for 316L stainless steel

E for carbon steel epoxy-lined

#### Model character 5:

B for bare tank (standard)

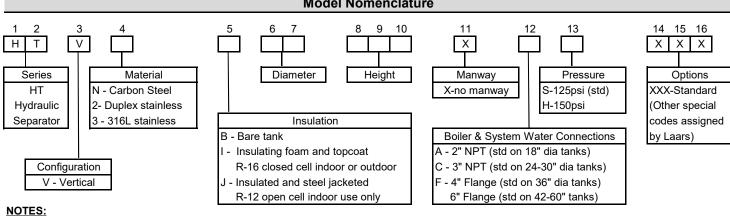
I for insulating topcoat

Note - Manways are not required on chilled water buffer tanks, and are not included in the standard BT tank price.

### Hydraulic Separator / Hot Water Buffer Tank Pricing - Effective December 6, 2021

#### **Model HT**

#### **Model Nomenclature**



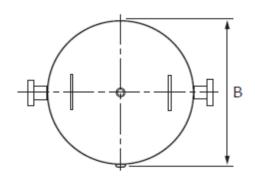
- 1. Standard tank is unlined carbon steel, vertical, 125 psi, bare, with base ring, and 5-year limited tank warranty.
- 2. 316L construction carries a 10-year limited tank warranty. Duplex construction carries a 25-year limited tank warranty.

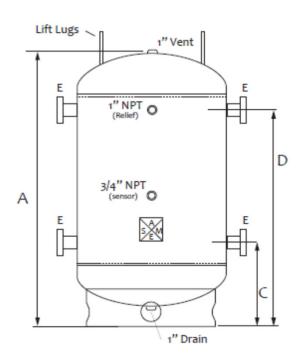
#### **List Pricing and Dimensions**

		# - M	lodel Charac	eter 5						
		"B"	" "	" J "						
		Standard	Insulating	Insulated						
		Bare Tank	Foam &	Steel						
			Topcoat	Jacket	"A"	"B"	"C"	"D"	"E" Fitting	Weight
Model	Capacity	List Price	Adder	Adder	in.	in.	in.	in.	Size/Style	lbs
HTVN # -18-041	40 gallon	\$5,581	\$1,828	N/A	45	18	14 1/4	33 ¾	2" NPT	250
HTVN # -24-045	80 gallon	\$6,206	\$2,090	N/A	49	24	16 ¾	36 1/4	3" NPT	286
HTVN # -30-045	120 gallon	\$6,823	\$2,389	\$4,579	49	30	16 ¾	36 1/4	3" NPT	310
HTVN # -30-075	210 gallon	\$7,089	\$3,166	\$4,897	75	30	16 ¾	62 1/4	3" NPT	475
HTVN # -36-072	285 gallon	\$10,763	\$3,583	\$5,851	76	36	24 ½	55 ½	4" flange	760
HTVN # -42-072	385 gallon	\$13,100	\$4,778	\$7,923	76	42	27	53	6" flange	1080
HTVN # -42-084	453 gallon	\$14,625	\$4,957	\$8,580	87	42	27	64	6" flange	1350
HTVN # -48-096	675 gallon	\$22,679	\$6,390	\$11,008	100	48	29	75	6" flange	1790
HTVN # -48-120	860 gallon	\$27,310	\$7,882	\$14,652	124	48	29	99	6" flange	1925
HTVN # -60-096	1000 gallon	\$42,495	\$8,898	\$21,954	102	60	31 1/4	76 ¾	6" flange	2140

#### Notes:

- 1. Stainless steel models are priced upon request
- 2. Manways are not required on closed loop systems. Refer to options pricing if manway is desired.





## Options for Model ST, BT, HT & XT Pricing - Effective December 6, 2021

To Add NPT Fitt	ings										
(or change the size	(or change the size of standard fittings)										
		Carbon Steel Tank	Stainless Steel Tank								
Fitting Size		Add to List Price / each	Add to List Price / each								
3/4" NPT		\$232	\$265								
1" NPT		\$238	\$273								
1-1/4" NPT		\$243	\$310								
1-1/2" NPT		\$348	\$575								
2" NPT		\$360	\$722								
2-1/2" NPT		\$398	\$868								
3" NPT		\$447	\$1,922								
4" NPT		\$739	\$2.253								

To Add Flange Fitt	-								
(or change the size/type of std fittings)									
	Carbon Steel Tank	Stainless Steel Tank							
Flange Size	Add to List Price / each	Add to List Price / each							
4" & smaller flange	\$663	\$1,548							
6" flange	\$851	\$2,173							
8" flange	\$1,382	\$3,088							
10" flange	\$2,164	\$3,873							
12" flange	\$2,733	\$5,029							
14" flange	\$3,244	\$5,797							

Saddles are mandatory	for horizontal tanks,								
and are not included in the tank price.									
Saddles are welded to tanks.									
<ul> <li>Saddles lift the tank 9"</li> </ul>	Saddles lift the tank 9" from the ground.								
• 12" and 15" saddles ar	e available - contact fact	ory for price							
	Carbon Steel Tank	Stainless Steel Tank							
	Add to List Price	Add to List Price							
Tank Dia.	Tank Dia. (Price is per pair) (Price is per pair)								
36" & smaller \$857 \$1,143									
42" to 54"	\$2,088	\$2,722							

\$3,793

\$4,944

150psi Tank Pressui	150psi Tank Pressure Rating										
(Contact factory for higher pressure ratings)											
	Carbon Steel Tank	Stainless Steel Tank									
Tank Dia.	Add to List Price	Add to List Price									
30" to 36"	\$1,652	\$1,652									
42" to 48"	\$2,235	\$2,235									
54"	\$4,023	\$4,023									
60"	\$4,237	Contact Factory									
72"	\$5,918	Contact Factory									
84"	\$6,973	Contact Factory									

#### Manways (12"x16")

**Saddles for Horizontal Tanks** 

- Manways are included on ST dia. 42" & larger
- Manways are required on epoxy-lined tanks

Add to list price:

60" to 80"

Carbon steel tanks- \$1715 Stainless steel tanks- \$9456

#### Hand Holes (4"x6")

Add to list price:

Carbon steel tanks - \$813

#### **Seismic Clips**

Add to list price:

Carbon steel tanks - List price \$629 Stainless steel tanks - List price \$752

Meets requirements in most installations. For questions about tanks built with options, or for calculations, contact the factory.

#### Lift Lugs (one pair)

- Standard on bare & foam/topcoat tanks
- Standard on horizontal jacketed tanks

Add to list price:

- Carbon steel vertical jacketed tanks- \$229
- Stainless steel vertical jacketed tanks- \$458

#### Sparge Tube (For ST tanks only)

Shipped loose, order part number CTHJ001 List price \$514

Sparge tubes fit 3"NPT opening only

### **Expansion Bladder Tank Pricing - Effective December 6, 2021**

#### **Model LEBT**

#### Standard Features

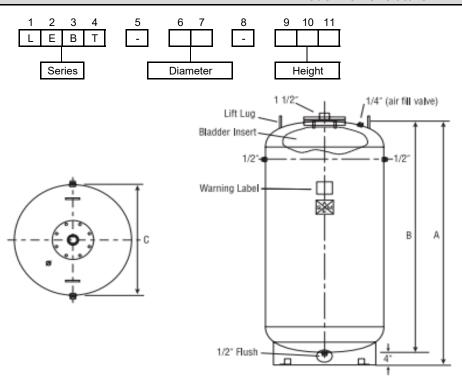
- ASME Code Sec VIII Div 1
- NSF 61 bladder for potable water
- 125 psi design pressure
- 12 psi factory charge
- 240°F maximum temperature
- 4" skirt tank support

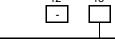
- Heavy duty butyl rubber replaceable bladder
- Large flanged opening for easy bag replacement
- Carbon steel heads, shell and couplings
- Standard 1-year warranty

Optional stainless steel construction:

- 316L tanks carry a limited
   10-year tank warranty
- Duplex tanks carry a limited 25-year tank warranty

#### **Model Nomenclature**





#### **Optional Construction**

- A- Carbon steel & 150 psi
- B- Carbon steel & foam with topcoat
- C- Carbon steel, 150 psi, & foam with topcoat
- 2- Duplex stainless steel
- D- Duplex stainless steel & 150 psi
- E- Duplex stainless steel & foam with topcoat
- F- Duplex stainless steel, 150 psi, & foam / topcoat
- 3- 316L stainless steel
- G- 316L stainless steel & 150 psi
- H- 316L stainless steel & foam with topcoat
- J- 316L stainless steel, 150psi, & foam / topcoat
  - \* Characters 12 and 13 are used for optional construction only.

#### **Dimensions and List Pricing**

		(A)	(B)			Carbon Steel	Carbon Steel with	
Carbon Steel	Capacity	Overall Height	Tank Height	Diameter	Weight	Bare Tank	Foam/Topcoat*	150 psi*
Model	gallons	inches	inches	inches	lbs	List Price	Adder	Adder
LEBT-30-063	175	67	63	30	340	\$7,896	\$2,688	\$1,652
LEBT-30-075	210	79	75	30	387	\$8,210	\$3,166	\$1,652
LEBT-30-085	240	89	85	30	520	\$8,390	\$3,583	\$1,652
LEBT-36-072	285	76	72	36	550	\$9,442	\$3,583	\$1,652
LEBT-36-078	310	82	78	36	588	\$9,567	\$3,941	\$1,652
LEBT-36-085	340	89	85	36	633	\$9,912	\$4,300	\$1,652
LEBT-36-090	360	94	90	36	664	\$10,020	\$4,479	\$1,652
LEBT-42-081	435	85	81	42	873	\$12,662	\$4,778	\$2,235
LEBT-42-084	455	88	84	42	905	\$12,761	\$4,957	\$2,235
LEBT-42-093	505	97	93	42	973	\$13,023	\$5,435	\$2,235
LEBT-48-073	500	77	73	48	1038	\$14,605	\$4,957	\$2,235
LEBT-48-096	675	100	96	48	1298	\$15,747	\$6,390	\$2,235
LEBT-48-108	765	112	108	48	1433	\$16,936	\$7,165	\$2,235
LEBT-48-120	860	124	120	48	1567	\$17,553	\$7,882	\$2,235
LEBT-48-141	1040	145	141	48	1805	\$19,312	\$9,169	\$2,235

<sup>\*</sup> Add appropriate 13th character to model number.

Stainless steel models are priced upon request.

## Commercial Electric Water Heater Pricing - Effective December 6, 2021

#### Model EV

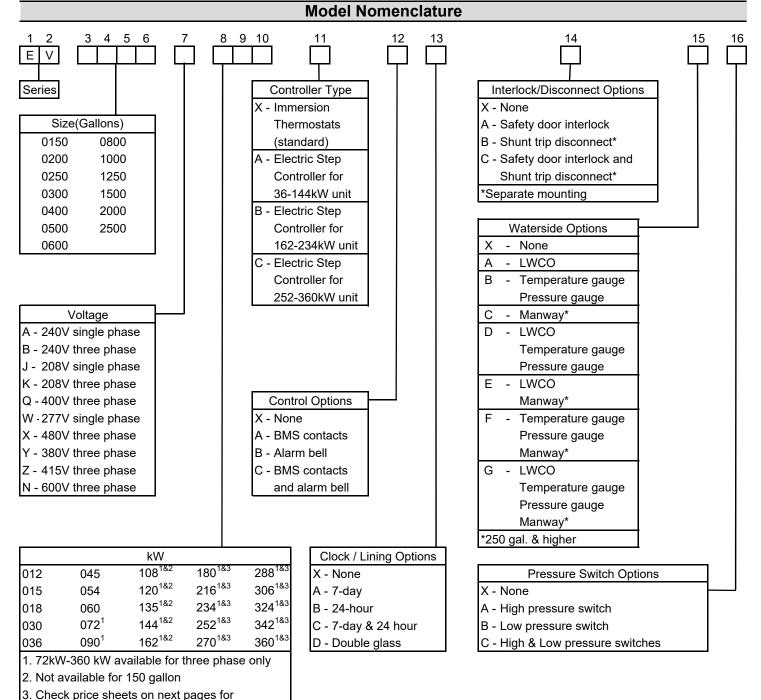
#### **Standard Features**

- 150 psi ASME code construction
- Approved for 180°F operation
- · Glass-lined
- ASME temperature and pressure relief valve
- Internal fusing (above 120A)
- Magnetic contactors
- · CSA Low lead certified

models with these kW sizes

- Incoloy heating elements
- Painted steel jacket
- Insulation meets requirements of ASHRAE 90.1b
- Magnesium anode rods
- Immersion thermostats
- Digital temperature display
- Manual reset high limit
- · Terminal block connections

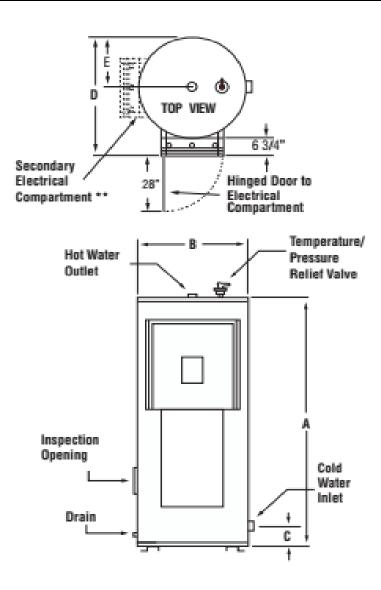
- · Channel iron skid base
- Hinged door with keyed lock
- · Lifting lug access
- 3-year limited warranty with standard glass lining
- 6-year limited warranty with optional double glass lining
- Stainless steel options available



## Commercial Electric Water Heater Pricing - Effective December 6, 2021 Model EV

### Dimensions

			Α	В	С	D	Е		Approx.
			Floor to	Jacket	Floor to Cold	Depth	Back of Heater	Water	Ship Weight
Model	Gallons	Max kW	Heater Top	Dia.	Water Inlet		to Hot Water Out	Connection	lbs
EV0150	150	90	67-1/2"	32"	7-3/4"	38-3/4"	16"	1-1/2" NPT	650
EV0200	200	162	80"	32"	7-3/4"	38-3/4"	17"	1-1/2" NPT	750
EV0250	250	162	92"	34"	19-1/2"	40-3/4"	17"	1-1/2" NPT	1165
EV0300	300	162	80"	40"	21"	40-3/4"	20"	2" NPT	1350
EV0400	400	162	80"	46"	22-1/2"	52-3/4"	23"	2" NPT	1590
EV0500	500	162	92"	46"	22-1/2"	52-3/4"	23"	2" NPT	1700
EV0600	600	216	92"	52"	24-1/2"	58-3/4"	26"	2-1/2" NPT	2010
EV0800	800	270	104"	52"	24-1/2"	58-3/4"	26"	2-1/2" NPT	2450
EV1000	1000	360	128"	52"	24-1/2"	58-3/4"	26"	2-1/2" NPT	3160
EV1250	1250	360	133"	58"	26"	64-3/4"	29"	3"	3792
EV1500	1500	360	129"	64"	27-1/2"	70-3/4"	32"	3"	4550
EV2000	2000	360	140"	70"	29-1/2"	76-3/4"	35"	3"	5460
EV2500	2500	360	144"	76"	30-1/2"	82-3/4"	38"	3"	6553



## Commercial Electric Water Heater Pricing - Effective December 6, 2021 Model EV

## Model EV List Pricing

	208V, 240V, 277V Single or Three Phase*												
		Gallons											
Wattage	150	200	250	300	400	500	600	800	1000	1250	1500	2000	2500
15kW	\$16,469	\$17,243	\$17,763	\$18,965	\$24,009	\$27,694	\$30,763	\$35,797	\$40,192	\$60,983	\$70,795	\$80,218	\$95,995
18kW	\$16,613	\$17,385	\$17,905	\$19,110	\$24,153	\$27,838	\$30,907	\$35,936	\$40,337	\$60,983	\$70,795	\$80,218	\$95,995
30kW	\$17,049	\$17,785	\$18,361	\$19,490	\$24,547	\$28,243	\$31,291	\$36,341	\$40,730	\$61,574	\$71,389	\$80,858	\$96,586
36kW	\$17,424	\$18,118	\$18,891	\$19,796	\$24,794	\$28,452	\$31,508	\$36,530	\$40,937	\$62,167	\$71,984	\$81,499	\$97,178
45kW	\$18,514	\$19,631	\$20,450	\$21,316	\$26,120	\$29,538	\$32,401	\$37,038	\$41,407	\$62,993	\$73,028	\$82,544	\$98,223
54kW	\$19,635	\$20,761	\$21,578	\$22,442	\$27,245	\$30,657	\$33,524	\$38,174	\$42,436	\$63,818	\$74,074	\$83,589	\$99,267
60kW	\$19,803	\$20,921	\$21,739	\$22,605	\$27,411	\$30,829	\$33,692	\$38,882	\$43,092	\$64,642	\$75,118	\$84,633	\$100,311
72kW*	\$20,609	\$21,858	\$22,550	\$23,415	\$28,221	\$31,609	\$34,344	\$39,543	\$43,749	\$65,468	\$76,162	\$85,678	\$101,355
90kW*	\$21,542	\$22,793	\$23,562	\$24,363	\$29,106	\$32,531	\$35,042	\$40,154	\$44,383	\$67,557	\$78,251	\$87,766	\$101,804
108kW*	N/A	\$24,363	\$24,993	\$25,935	\$30,662	\$34,741	\$36,543	\$41,306	\$45,440	\$69,645	\$80,339	\$89,855	\$103,443
120kW*	N/A	\$24,569	\$25,200	\$26,123	\$30,859	\$35,030	\$36,735	\$41,515	\$45,632	\$70,754	\$81,724	\$91,400	\$106,235
135kW*	N/A	\$24,832	\$25,511	\$26,639	\$31,178	\$35,653	\$37,050	\$41,735	\$45,839	\$71,864	\$83,108	\$92,946	\$106,937
144kW*	N/A	\$25,306	\$25,918	\$26,843	\$31,645	\$36,294	\$37,163	\$41,947	\$46,042	\$72,975	\$84,495	\$94,494	\$107,641
162kW*	N/A	\$27,629	\$28,106	\$28,882	\$33,791	\$37,856	\$39,949	\$44,471	\$48,538	\$75,510	\$86,425	\$96,565	\$110,411
180kW*	N/A	N/A	N/A	N/A	\$35,819	\$40,126	\$54,411	\$52,886	\$56,854	\$78,046	\$88,354	\$98,637	\$113,184
216kW*	N/A	N/A	N/A	N/A	\$37,967	\$42,534	\$58,047	\$56,280	\$60,557	\$82,176	\$92,870	\$102,386	\$118,065
252kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$60,217	\$65,055	\$87,543	\$97,508	\$106,871	\$122,234
270kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$61,203	\$66,535	\$88,794	\$99,842	\$108,921	\$124,512
288kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$67,897	\$90,045	\$102,166	\$110,971	\$126,789
324kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$72,152	\$94,709	\$105,397	\$114,915	\$130,595
360kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$98,045	\$108,707	\$120,580	\$135,598

<sup>\*72</sup>kW and higher available with three phase voltage only.

Stainless steel models are priced upon request

	308V, 400V, 415V, 480V, 600V Single or Three Phase*												
		Gallons											
Wattage	150	200	250	300	400	500	600	800	1000	1250	1500	2000	2500
15kW	\$15,712	\$16,627	\$17,184	\$18,334	\$23,750	\$27,608	\$29,674	\$33,910	\$38,383	\$54,998	\$69,660	\$77,474	\$93,140
18kW	\$15,930	\$16,870	\$17,403	\$18,552	\$23,968	\$27,827	\$29,892	\$34,013	\$38,479	\$54,998	\$69,660	\$77,474	\$93,140
30kW	\$16,399	\$17,256	\$18,026	\$19,037	\$24,472	\$28,361	\$30,376	\$34,484	\$39,023	\$54,998	\$70,311	\$78,976	\$94,648
36kW	\$16,640	\$17,499	\$18,276	\$19,339	\$24,692	\$28,584	\$30,591	\$34,698	\$39,217	\$55,611	\$70,963	\$80,479	\$96,156
45kW	\$17,227	\$18,535	\$19,475	\$20,452	\$25,593	\$29,280	\$31,318	\$35,249	\$39,705	\$56,227	\$71,752	\$81,267	\$96,946
54kW	\$17,750	\$19,058	\$19,997	\$20,975	\$26,117	\$29,802	\$31,841	\$35,930	\$40,540	\$56,592	\$72,541	\$82,057	\$97,735
60kW	\$18,258	\$19,566	\$20,506	\$21,485	\$26,625	\$30,311	\$32,349	\$36,406	\$41,001	\$56,962	\$73,330	\$82,845	\$98,523
72kW*	\$19,025	\$20,263	\$21,192	\$22,051	\$27,145	\$30,864	\$32,799	\$36,883	\$41,481	\$57,333	\$74,119	\$83,635	\$99,313
90kW*	\$19,486	\$20,764	\$21,652	\$22,587	\$27,582	\$31,263	\$33,218	\$37,278	\$41,888	\$57,703	\$75,697	\$85,213	\$100,892
108kW*	N/A	\$23,214	\$23,195	\$23,966	\$28,719	\$32,335	\$34,340	\$38,373	\$43,451	\$59,310	\$76,548	\$86,064	\$101,588
120kW*	N/A	\$23,337	\$23,318	\$24,089	\$28,844	\$32,460	\$34,465	\$38,611	\$43,681	\$65,429	\$77,249	\$87,089	\$102,269
135kW*	N/A	\$23,514	\$23,496	\$24,268	\$29,021	\$32,637	\$34,642	\$38,850	\$43,924	\$65,799	\$77,949	\$88,113	\$102,951
144kW*	N/A	\$23,986	\$23,957	\$24,588	\$29,489	\$33,052	\$34,965	\$39,094	\$44,160	\$66,169	\$78,651	\$89,139	\$103,635
162kW*	N/A	\$24,703	\$25,361	\$26,256	\$31,167	\$34,888	\$36,844	\$40,980	\$46,064	\$66,543	\$80,718	\$91,137	\$106,617
180kW*	N/A	N/A	N/A	N/A	\$35,819	\$40,126	\$44,349	\$48,432	\$53,699	\$70,975	\$82,785	\$93,135	\$109,599
216kW*	N/A	N/A	N/A	N/A	\$37,967	\$42,534	\$46,490	\$50,848	\$55,931	\$75,406	\$88,105	\$97,621	\$113,299
252kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$54,052	\$59,157	\$78,183	\$90,649	\$101,215	\$116,476
270kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$55,152	\$60,281	\$81,802	\$92,282	\$102,591	\$117,994
288kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$61,484	\$83,104	\$93,915	\$103,966	\$119,514
324kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$64,624	\$84,405	\$97,975	\$107,491	\$123,170
360kW*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$87,267	\$101,753	\$111,442	\$127,649

<sup>\*72</sup>kW and higher available with three phase voltage only.

Stainless steel models are priced upon request

## Commercial Electric Water Heater Pricing - Effective December 6, 2021

#### Model FV

	N	lodel EV	1				
	Options a	and Acce	essories				
				Charact	er in		
Controller Type - 11th character in model number				Model Number			List Price
Immersion thermostat (standard)				X			no charge
Electric Step Controller for 36kW - 144kW	units only			А			\$1,114
Electric Step Controller for 162kW - 234kV	V units only			В			\$2,684
Electric Step Controller for 252kW - 360kV	V units only			С			\$4,339
Control Options - 12th character in model	number						
None (standard)				Х			no charge
BMS contacts				A			\$384
Alarm bell				В			\$440
BMS contacts & alarm bell				C			\$824
lock/Lining Options - 13th character in m	nodel numb	er					·
None (standard)		<u>.                                    </u>		Х			no charge
7-day				А			\$956
24-hour				В			\$540
7-day & 24-hour				С			\$1,496
Double glass lining				D			/ size, belo
Size (Gallons)	150	200	250	300	400	500	600
Double Glass Lining List Price Add	\$1,915	\$1,915	\$1,915	\$2,622	\$3,450	\$3,450	\$4,715
Size (Gallons)	800	1000	1250	1500	2000	2500	-
Double Glass Lining List Price Add	\$4,715	\$4,715	\$8,652	\$10,510	\$14,930	\$14,930	
None (standard)	racter in mo	odel numb	er	X			no charge
Safety door interlock				A			\$585
Shunt trip disconnect*				В			equest price
Safety door interlock & Shunt trip disconne	ect*			С		re	equest pric
*separate mounting  Vaterside Options - 15th character in mod	del number						
None (standard)	· · · · · · · · · · · · · · · · · · ·			Χ			no charge
Low water cutoff				Α			\$569
Pressure and temperature gauge				В			\$461
Manway*				С			\$1,715
Low water cutoff, and pressure and tempe	rature gaug	е		D			\$1,030
Low water cutoff, and manway				E			\$2,284
Pressure and temperature gauge, and manway				F			\$2,176
Low water cutoff, pressure and temperature gauge, and manway				G			\$2,745
*Manway is available on units that are 250	gallons or l	arger only					
ressure Switch Options - 16th character	in model nι	ımber					
None (standard)				X		no charge	
High water pressure switch				A			
• 1							\$420
High water pressure switch Low water pressure switch High & low water pressure switches				A B C			\$420 \$420 \$840

Seismic Bracing - Indicate zip code of installation - Order as separate line item

Request Price

KMP00200

## Commercial Electric Water Heater Pricing - Effective December 6, 2021 Model EV

## Options and Accessories, Cont.

#### Lighted contactor switches (one lighted switch per contactor) - Order as separate line item per chart below:

208-277 Volts 380 Volts 400-600 volts List Price kW Part Number List Price Part Number Part Number List Price 15 \$199 \$199 KMP00101 KMP00101 KMP00101 \$199 18 KMP00102 \$398 KMP00101 \$199 KMP00101 \$199 30 \$398 KMP00101 \$199 \$199 KMP00102 KMP00101 \$398 \$398 36 KMP00104 \$796 KMP00102 KMP00102 45 KMP00103 \$597 KMP00102 \$398 KMP00102 \$398 54 KMP00106 \$1,194 KMP00102 \$398 KMP00102 \$398 61 KMP00112 \$2,388 KMP00106 \$1,194 KMP00106 \$1,194 72 KMP00108 \$1,592 KMP00104 \$796 KMP00104 \$796 90 KMP00106 \$1,194 KMP00104 \$796 KMP00103 \$597 108 KMP00106 KMP00104 \$796 KMP00112 \$2,388 \$1,194 120 KMP00108 \$1,592 KMP00108 \$1,592 KMP00104 \$796 135 \$1,194 KMP00109 \$1,791 KMP00106 \$1,194 KMP00106 144 KMP00116 \$3,184 KMP00108 \$1,592 KMP00108 \$1,592 162 KMP00118 \$3,582 KMP00109 \$1,791 KMP00106 \$1,194 \$1,990 KMP00110 \$1,990 180 KMP00120 \$3,980 KMP00110 216 KMP00124 \$4,776 KMP00108 \$1,592 KMP00108 \$1,592 234 KMP00126 \$5,174 KMP00113 \$2,587 KMP00113 \$2,587 252 KMP00128 \$5,572 KMP00114 \$2,786 KMP00114 \$2,786 270 \$1,990 KMP00130 \$5,970 KMP00110 KMP00110 \$1,990 288 KMP00132 \$6,368 KMP00116 \$3.184 KMP00116 \$3,184 \$6,766 306 KMP00134 KMP00117 \$3,383 KMP00117 \$3,383 324 KMP00136 \$7,164 KMP00112 \$2,388 KMP00112 \$2,388 342 KMP00119 KMP00119 KMP00138 \$7,562 \$3,781 \$3,781 360 KMP00140 \$7,960 KMP00120 \$3,980 KMP00120 \$3,980

#### Hot Water Generator Pricing - Effective December 6, 2021 **Model XT Model Nomenclature** 11 14 15 16 Χ S Χ Series Configuration Dia. Height **Optional Openings** Pressure **Options** V - Vertical (or length X - None S-125psi Characters H - Horizontal horizontal) H-Hand hole H-150psi assigned I-Other by Laars Construction Insulation Hot Outlet Tapping G- Carbon steel, glass-lined B - Bare tank B- 21/2" NPT std 30-36" dia tanks I - Insulating foam & topcoat C- 3" NPT std 42-84" dia tanks 2- Duplex stainless steel R-16 closed cell in/outdoor D-4" NPT J - Insulated with steel jacket\* F-Flange S-Special R-12 open cell indoor use only

#### Notes:

- 1. Hot water generators are available in vertical and horizontal configurations, bare, jacketed/insulated or topcoated.
- 2. Prices shown in this section are for the tube bundles only, and do not include tank prices or control package prices.
- 3. For options, refer to the "Options" page in this price book. Manways are not required on hot water generators.

\*May increase lead time

- 4. Saddles are mandatory for horizontal tanks. To add saddles, see the options page.
- 5. Contact our office for pricing of sizes that are not shown.
- 6. Alternate stainless steel compositions may be available.
- 7. Control packages for Steam-to-Water or Water-to-Water, self actuating, electronic or pneumatic are available. Contact Laars for pricing of control packages.
- 8. The first step in sizing a hot water generator is to know how much hot water is needed. To assist in selecting the correct tube bundle, please complete the following information and return it to our office at Orders@Laars.com. We will calculate the bundle based on the information you provide.

Because of the custom nature of these products, final package pricing must be confirmed by Laars before an order will be accepted.

Heat Load: Btu/hr (boiler output)
Tube Side:
Fluid: Water or Steam
Inlet Temperature:°F (Steam Inlet Pressure)psi
Outlet Temperature:°F
• Flow Rate:gpm (SteamLbs/hr)
Tank Side:
Pressure: Tank fluid - water
Inlet Temperature:°F
Outlet Temperature:°F
Recovery Rate:gph

Note: Inlet/outlet water = 3"NPT std

To determine standard hot water generator pricing, add tank price to desired tube bundle price.

Tube bundle pricing includes tube sheet, flanged neck, and cast iron head. Saddle prices shown on options page must be added to horizontal tanks. Water-to-steam and steam-to-water controls are available. Contact us for sizing and prices.

## Hot Water Generator Pricing - Effective December 6, 2021

### **Model XT**

List Pricing - Tube Bundles Only - Add to Tank List Price - Controls Priced Separately

## IMPORTANT NOTE: Because of the custom nature of these products, final package pricing must be confirmed by Laars before an order will be accepted.

<b>Tube Bundle</b>	Single Wall	Double Wall
04-12	\$2,553	\$4,715
04-18	\$2,625	\$4,950
04-24	\$2,669	\$5,188
04-30	\$2,960	\$5,562
04-36	\$3,035	\$5,797
04-42	\$3,115	\$6,023
04-48	\$3,229	\$6,255
04-54	\$3,331	\$6,480
04-60	\$3,423	\$6,717
04-66	\$3,480	\$6,958
04-72	\$3,572	\$7,187
04-78	\$3,668	\$7,462
04-84	\$3,765	\$7,735
04-90	\$3,893	\$8,033
04-96	\$4,022	\$8,333

Tube Bundle	Single Wall	Double Wall
06-12	\$4,007	\$7,932
06-18	\$4,218	\$8,179
06-24	\$4,389	\$8,806
06-30	\$4,661	\$9,316
06-36	\$4,846	\$9,735
06-42	\$4,987	\$10,153
06-48	\$5,225	\$10,602
06-54	\$5,384	\$10,988
06-60	\$5,530	\$11,387
06-66	\$5,759	\$11,866
06-72	\$5,910	\$12,246
06-78	\$6,081	\$12,472
06-84	\$6,252	\$12,696
06-90	\$6,441	\$13,313
06-96	\$6,628	\$13,929

Tube Bundle	Single Wall	Double Wall
08-18	\$5,430	\$11,395
08-24	\$5,726	\$12,359
08-30	\$6,186	\$13,247
08-36	\$6,522	\$14,025
08-42	\$6,890	\$14,897
08-48	\$7,267	\$15,767
08-54	\$7,581	\$16,639
08-60	\$7,990	\$17,612
08-66	\$8,327	\$18,348
08-72	\$8,653	\$19,095
08-78	\$9,025	\$19,914
08-84	\$9,398	\$20,732
08-90	\$9,757	\$21,967
08-96	\$10,117	\$23,201

Tube Bundle	Single Wall	<b>Double Wall</b>
10-24	\$8,399	\$16,434
10-30	\$9,054	\$17,746
10-36	\$9,561	\$18,966
10-42	\$10,078	\$20,198
10-48	\$10,648	\$21,468
10-54	\$11,180	\$22,711
10-60	\$11,740	\$23,962
10-66	\$12,289	\$25,231
10-72	\$12,789	\$26,426
10-78	\$13,325	\$27,653
10-84	\$13,861	\$28,881
10-90	\$14,418	\$30,132
10-96	\$14,973	\$31,383
10-102	\$15,507	\$32,635
10-108	\$16,039	\$33,888

Tube Bundle	Single Wall	Double Wall
12-36	\$13,564	\$25,913
12-42	\$14,308	\$27,547
12-48	\$15,052	\$29,176
12-54	\$15,752	\$30,777
12-60	\$16,497	\$32,370
12-66	\$17,202	\$33,976
12-72	\$17,940	\$35,589
12-78	\$18,651	\$37,208
12-84	\$19,372	\$38,806
12-90	\$20,106	\$40,426
12-96	\$20,839	\$42,046
12-102	\$21,561	\$43,643
12-108	\$22,281	\$45,239
12-114	\$22,993	\$46,832
12-120	\$23,703	\$48,425

<b>Tube Bundle</b>	Single Wall	Double Wall
14-36	\$17,493	\$34,900
14-42	\$18,446	\$36,883
14-48	\$19,085	\$38,732
14-54	\$19,934	\$40,720
14-60	\$20,693	\$42,526
14-66	\$21,504	\$44,435
14-72	\$22,336	\$46,420
14-78	\$23,124	\$48,294
14-84	\$23,955	\$50,252
14-90	\$24,732	\$52,078
14-96	\$25,509	\$53,903
14-102	\$26,320	\$55,828
14-108	\$27,130	\$57,751
14-114	\$27,936	\$59,675
14-120	\$28,744	\$61,599

Tube Bundle	Single Wall	Double Wall
16-36	\$20,725	\$42,134
16-42	\$21,699	\$44,437
16-48	\$22,604	\$46,546
16-54	\$23,617	\$48,985
16-60	\$24,555	\$51,135
16-72	\$26,490	\$55,725
16-84	\$28,397	\$60,238
16-96	\$30,366	\$64,908
16-108	\$32,289	\$69,475
16-120	\$34,175	\$73,878

#### Notes

- 1. Standard tube bundles have 316L stainless steel tube sheets.
- 2. Pricing is not for replacement tube bundles. For replacement tube bundles, contact us.
- 3. For total list price, tank, tube bundle, controls, and other options are added together.

Because of the custom nature of these products, final package pricing must be confirmed by Laars before an order will be accepted.

## Notes

Laars purchases.	5.com/termsandco	ilaitions to levi	ew the complete	e and current ten	ms and Conditions fo

### Notes

Please visit www.laars.com/termsandconditions to review the complete and current Terms and Conditions for all Laars purchases.					



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