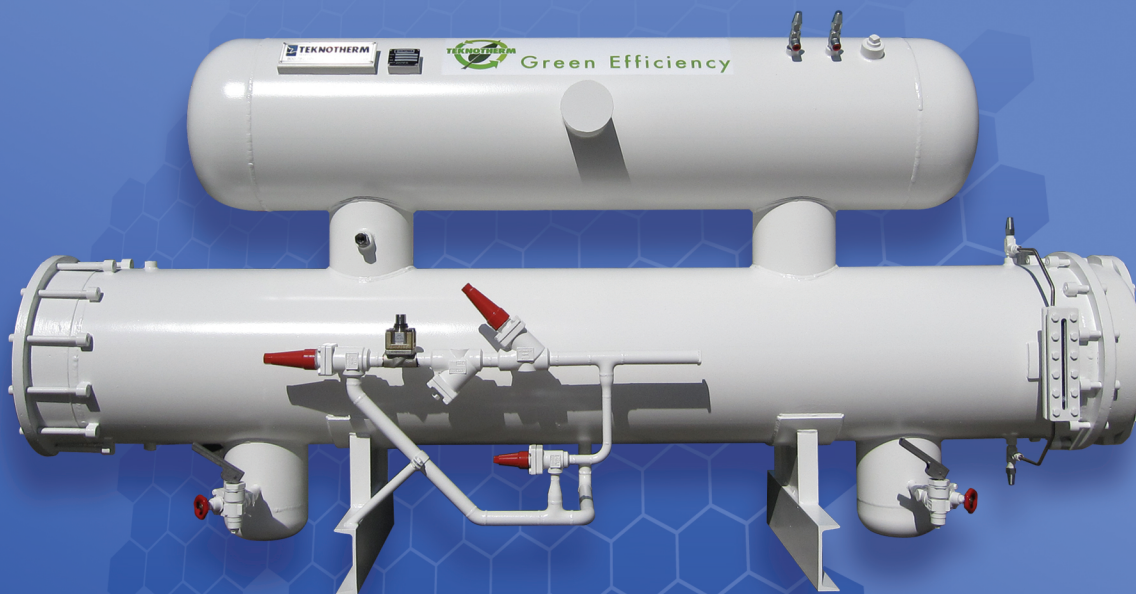




FLOODED RSW CHILLERS



FLOODED RSW CHILLERS

Teknotherm builds the best RSW chillers in the industry. We have been building RSW chillers for over thirty years, and have perfected the flooded design.

Our flooded chillers are constructed using materials with the highest resistance to corrosion and erosion. Titanium tubes hand-rolled into double-grooved stainless steel tube sheets provide a leak-proof chiller that will last decades.

We are leading the way with more environmentally conscious refrigeration technology. Flooded chillers are more efficient, which reduces power consumption, lowers operating costs, and helps the environment.

Can be delivered with most Certifications, DNV, ABS, etc.

Member of





TEKNOTHERM'S FLOODED CHILLERS WITH TITANIUM TUBES							
MODEL	Nom. Capacity (TR) 1-Pass / 2-Pass	Water Flow (GPM) 1-Pass	Water Flow (GPM) 2-Pass	Pressure Drop (psi) 1 Pass	Pressure Drop (psi) 2- Pass	Dimensions L x H x W (in)**	Dry Weight (lbs)
LCT1-40-1500-8	6.7	290	145	N/A	3.7	67 x 30 x 18	450
LCT1-40-2000-8	9.3	290	145	N/A	4.4	87 x 30 x 18	510
LCT1-40-3000-8	14.3	290	145	2.7	N/A	127 x 30 x 18	670
LCT1-68-2000-10	16	500	250	N/A	4.2	87 x 34 x 20	710
LCT1-68-2500-10	20	500	250	N/A	4.85	107 x 34 x 20	790
LCT1-68-3000-10	23.5 / 25	500	250	3	3	127 x 34 x 20	880
LCT1-100-2000-12	23.6	736	368	N/A	5	87 x 37 x 22	830
LCT1-100-2500-12	30	736	368	N/A	5.7	107 x 37 x 22	920
LCT1-100-3000-12	35 / 36.6	736	368	3.9	6.4	127 x 37 x 22	1010
LCT1-126-2000-14	30	926	463	N/A	4.5	87 x 40 x 24	1030
LCT1-126-2500-14	38	926	463	N/A	5.3	107 x 40 x 24	1140
LCT1-126-3000-14	47	926	463	N/A	5.9	127 x 40 x 24	1260
LCT1-126-3500-14	56	926	463	N/A	6.6	147 x 40 x 24	1400
LCT2-252-2000-141	60	924	N/A	7.9	N/A	87 x 40 x 24	1580
LCT2-252-2500-141	77	924	N/A	8.6	N/A	107 x 40 x 24	1810
LCT2-252-3000-141	93	880	N/A	8.3	N/A	127 x 40 x 24	2050
LCT2-252-3500-141	110	880	N/A	8.9	N/A	147 x 40 x 24	2400
LCT1-168-2000-16	40	1232	616	N/A	4.4	87 x 44 x 26	1200
LCT1-168-2500-16	51	1232	616	N/A	5.1	107 x 44 x 26	1340
LCT1-168-3000-16	63	1232	616	N/A	5.7	127 x 44 x 26	1480
LCT1-168-3500-16	74	1232	616	N/A	6.4	147 x 44 x 26	1620
LCT2-336-2000-16	80	1232	N/A	4.8	N/A	87 x 66 x 26	1950
LCT2-336-2500-16	103	1232	N/A	5.4	N/A	107 x 66 x 26	2230
LCT2-336-3000-16	126	1232	N/A	6.17	N/A	127 x 66 x 26	2510
LCT2-336-3500-16	150	1232	N/A	7.3	N/A	147 x 66 x 26	2810
LCT1-224-2000-18	53	1646	823	N/A	5.8	87 x 48 x 28	1760
LCT1-224-2500-18	68	1646	823	N/A	7.9	107 x 48 x 28	1920
LCT1-224-3000-18	84	1646	823	N/A	8.3	127 x 48 x 28	2090
LCT1-224-3500-18	100	1646	823	N/A	9	147 x 48 x 28	2180
LCT2-448-2000-18	106	1640	N/A	5.8	N/A	87 x 72 x 28	2520
LCT2-448-2500-18	137	1640	N/A	6.6	N/A	107 x 72 x 28	2850
LCT2-448-3000-18	168	1640	N/A	7.2	N/A	127 x 72 x 28	3180
LCT2-448-3500-18	200	1640	N/A	7.8	N/A	147 x 72 x 28	3510

Nominal Capacities are based on R-717 @ 24.8 degF Saturated Suction Temperature (SST) and outgoing water temperature of 32 degF

TEKNOTHERM'S FLOODED CHILLERS WITH CU-NI TUBES							
MODEL	Nom. Capacity (TR)	Water Flow (GPM) 1- Pass	Water Flow (GPM) 2- Pass	Pressure Drop (psi) 1- Pass	Pressure Drop (psi) 2- Pass	Approximate Dimensions L x H x W (in)**	Approximate Dry Weight (lbs)
LCC1-40-1500-8	8	280	140	N/A	3.5	67 x 30 x 18	450
LCC1-40-2000-8	11	280	140	N/A	4.2	87 x 30 x 18	510
LCC1-40-2500-8	15	280	140	N/A	4.5	107 x 30 x 18	670
LCC1-68-2000-10	18.6	480	240	N/A	4	87 x 34 x 20	710
LCC1-68-2500-10	25	480	240	N/A	4.7	107 x 34 x 20	790
LCC1-68-3000-10	32	180	240	N/A	5.2	127 x 34 x 20	880
LCC1-100-2000-12	29	720	360	N/A	4.8	87 x 37 x 22	830
LCC1-100-2500-12	37	720	360	N/A	5.5	107 x 37 x 22	920
LCC1-100-3000-12	48	720	360	N/A	6	127 x 37 x 22	1010
LCC1-126-2000-14	37	900	450	N/A	4	87 x 40 x 24	1030
LCC1-126-2500-14	48	900	450	N/A	5	107 x 40 x 24	1140
LCC1-126-3000-14	59	900	450	N/A	5.5	127 x 40 x 24	1260
LCC2-252-2000-14	75	910	N/A	7	N/A	87 x 60 x 24	1580
LCC2-252-2500-14	95	910	N/A	7.5	N/A	107 x 60 x 24	1810
LCC2-252-3000-14	120	910	N/A	8	N/A	127 x 60 x 24	2050
LCC1-168-2000-16	47	1200	600	N/A	4	87 x 44 x 26	1200
LCC1-168-2500-16	65	1200	600	N/A	4.5	107 x 44 x 26	1340
LCC1-168-3000-16	79	1200	600	N/A	5.1	127 x 44 x 26	1480
LCC2-336-2000-16	98	1200	N/A	4.5	N/A	87 x 66 x 26	1950
LCC2-336-2500-16	125	1200	N/A	5	N/A	107 x 66 x 26	2230
LCC2-336-3000-16	160	1200	N/A	5.5	N/A	127 x 66 x 26	2510
LCC1-224-2000-18	64	1600	800	N/A	5.5	87 x 48 x 28	1760
LCC1-224-2500-18	85	1600	800	N/A	6	107 x 48 x 28	1920
LCC1-224-3000-18	105	1600	800	N/A	6.5	127 x 48 x 28	2090
LCC2-448-2000-18	127	1600	N/A	5.5	N/A	87 x 72 x 28	2520
LCC2-448-2500-18	170	1600	N/A	6	N/A	107 x 72 x 28	2850
LCC2-448-3000-18	220	1600	N/A	6.5	N/A	127 x 72 x 28	3180

Nominal Capacities are based on R-404A & R-507 @ 24.8 degF Saturated Suction Temperature (SST) and outgoing water temperature of 32 degF

NOTE: ALL DATA FOR REFERENCE ONLY. CONTENT IS SUBJECT TO CHANGE WITHOUT NOTICE
We can build custom chillers to suit your specific application, this list is just an outline of our base models.