

INDUCED DRAUGHT CTI SERIES COOLING TOWERS
 Designed Duty Conditions* :- EWT - 100°F / LWT - 90°F / DWBT - 83°F

COMPONENTS CLASSIFICATION NO.	FLOW RATE USGPM	CELL DIMENSIONS mm X mm X mm L x B x H	FAN DIA mm	AIR QTY. CFM	B.H.P	MOTOR H.P	RPM	OP. WEIGHT (Kgs.)	INLET SIZE	OUTLET SIZE	QUICKFILL, MAKE-UP SIZE	DRAIN, OVERFLOW SIZE
BCTI-020S	242	2440 x 2290 x 3400	1200	26000	3.9	5	960	2010	4" x 2	6"	0.75"	1.5"
BCTI-020X	302	2440 x 2290 x 3400	1800	32400	3.6	5	570	2055	4" x 2	6"	0.75"	1.5"
BCTI-020XE	338	2440 x 2290 x 3400	1800	37200	5.05	7.5	570	2070	4" x 2	6"	0.75"	1.5"
BCTI-020L	302	2440 x 2290 x 3400	2100	32400	2.9	5	355	2070	4" x 2	6"	0.75"	1.5"
BCTI-020LE	338	2440 x 2290 x 3400	2100	37200	3.7	7.5	350	2085	4" x 2	6"	0.75"	1.5"
BCTI-030S	363	3050 x 2740 x 3400	1500	39000	5.7	7.5	955	2980	5" x 2	5" x 2	0.75"	2.0"
BCTI-030X	453	3050 x 2740 x 3400	2000	48500	6.1	7.5	570	3050	5" x 2	5" x 2	0.75"	2.0"
BCTI-030XE	477	3050 x 2740 x 3400	2000	54800	7.12	10	570	3065	5" x 2	5" x 2	0.75"	2.0"
BCTI-030L	453	3050 x 2740 x 3400	2400	48500	5.1	7.5	350	3070	5" x 2	5" x 2	0.75"	2.0"
BCTI-030LE	502	3050 x 2740 x 3400	2400	54800	6.2	10	350	3085	5" x 2	5" x 2	0.75"	2.0"
BCTI-040S	485	3660 x 3050 x 3400	1800	52000	8.1	10	710	3950	5" x 2	5" x 2	1.5"	2.0"
BCTI-040X	604	3660 x 3050 x 3400	2200	64750	8.5	10	570	4050	5" x 2	5" x 2	1.5"	2.0"
BCTI-040XE	637	3660 x 3050 x 3400	2200	73150	10.3	12.5	570	4065	5" x 2	5" x 2	1.5"	2.0"
BCTI-040L	604	3660 x 3050 x 3400	2600	64750	7.2	10	350	4080	5" x 2	5" x 2	1.5"	2.0"
BCTI-040LE	670	3660 x 3050 x 3400	2600	73150	8.6	12.5	350	4095	5" x 2	5" x 2	1.5"	2.0"
BCTI-050S	606	4570 x 3050 x 3760	1500 x 2	32500 x 2	4.6 x 2	7.5 x 2	955	4845	6" x 2	6" x 2	1.5"	2.0"
BCTI-050X	756	4570 x 3050 x 3760	1800 x 2	40450 x 2	4.3 x 2	5 x 2	570	4965	6" x 2	6" x 2	1.5"	2.0"
BCTI-050XE	780	4570 x 3050 x 3760	1800 x 2	44800 x 2	6.2 x 2	7.5 x 2	570	4990	6" x 2	6" x 2	1.5"	2.0"
BCTI-050L	756	4570 x 3050 x 3760	2100 x 2	40450 x 2	3.8 x 2	5 x 2	355	5000	6" x 2	6" x 2	1.5"	2.0"
BCTI-050LE	821	4570 x 3050 x 3760	2100 x 2	44800 x 2	5.1 x 2	7.5 x 2	350	5030	6" x 2	6" x 2	1.5"	2.0"
BCTI-060S	727	5490 x 3050 x 3760	1500 x 2	39000 x 2	5.6 x 2	7.5 x 2	955	5810	6" x 2	6" x 2	1.5"	2.0"
BCTI-060X	907	5490 x 3050 x 3760	2000 x 2	48500 x 2	6.1 x 2	7.5 x 2	570	5950	6" x 2	6" x 2	1.5"	2.0"
BCTI-060XE	944	5490 x 3050 x 3760	2000 x 2	54800 x 2	7.4 x 2	10 x 2	570	5980	6" x 2	6" x 2	1.5"	2.0"
BCTI-060L	907	5490 x 3050 x 3760	2400 x 2	48500 x 2	5.2 x 2	7.5 x 2	350	5990	6" x 2	6" x 2	1.5"	2.0"
BCTI-060LE	1004	5490 x 3050 x 3760	2400 x 2	54800 x 2	6.2 x 2	10 x 2	350	6020	6" x 2	6" x 2	1.5"	2.0"
BCTI-070S	848	5490 x 3660 x 3760	1800 x 2	45500 x 2	5.6 x 2	7.5 x 2	710	6940	6" x 2	6" x 2	1.5"	2.0"
BCTI-070X	1058	5490 x 3660 x 3760	2100 x 2	56600 x 2	6.4 x 2	7.5 x 2	570	7110	6" x 2	6" x 2	1.5"	2.0"
BCTI-070XE	1116	5490 x 3660 x 3760	2100 x 2	64800 x 2	8.3 x 2	10 x 2	570	7140	6" x 2	6" x 2	1.5"	2.0"
BCTI-070L	1058	5490 x 3660 x 3760	2400 x 2	56600 x 2	5.6 x 2	7.5 x 2	350	7160	6" x 2	6" x 2	1.5"	2.0"
BCTI-070LE	1187	5490 x 3660 x 3760	2400 x 2	64800 x 2	7.8 x 2	10 x 2	350	7190	6" x 2	6" x 2	1.5"	2.0"
BCTI-080S	969	6100 x 3660 x 3760	1800 x 2	52000 x 2	8.1 x 2	10 x 2	710	7595	8" x 2	8" x 2	1.5"	2.0"
BCTI-080X	1209	6100 x 3660 x 3760	2200 x 2	64650 x 2	8.5 x 2	10 x 2	570	7780	8" x 2	8" x 2	1.5"	2.0"
BCTI-080XE	1259	6100 x 3660 x 3760	2200 x 2	73150 x 2	10.4 x 2	12.5 x 2	570	7810	8" x 2	8" x 2	1.5"	2.0"
BCTI-080L	1209	6100 x 3660 x 3760	2600 x 2	64650 x 2	7.2 x 2	10 x 2	350	7835	8" x 2	8" x 2	1.5"	2.0"
BCTI-080LE	1339	6100 x 3660 x 3760	2600 x 2	73150 x 2	8.6 x 2	12.5 x 2	350	7865	8" x 2	8" x 2	1.5"	2.0"

BCTI-090S	1090	5490 x 4570 x 3760	1900 x 2	58500 x 2	8.17 x 2	10 x 2	710	8700	8" x 2	8" x 2	1.5"	2.0"
BCTI-090X	1360	5490 x 4570 x 3760	2200 x 2	72700 x 2	10.7 x 2	12.5 x 2	570	8915	8" x 2	8" x 2	1.5"	2.0"
BCTI-090XE	1401	5490 x 4570 x 3760	2200 x 2	80500 x 2	11.42 x 2	15 x 2	570	8945	8" x 2	8" x 2	1.5"	2.0"
BCTI-090L	1360	5490 x 4570 x 3760	2600 x 2	72700 x 2	8.4 x 2	10 x 2	350	8980	8" x 2	8" x 2	1.5"	2.0"
BCTI-090LE	1475	5490 x 4570 x 3760	2600 x 2	80500 x 2	10.1 x 2	12.5 x 2	350	9010	8" x 2	8" x 2	1.5"	2.0"
BCTI-100S	1212	6100 x 4570 x 4060	1500 x 4	32500 x 4	4.6 x 4	7.5 x 4	955	9690	6" x 4	6" x 4	1.5"	3"
BCTI-100X	1511	6100 x 4570 x 4060	1800 x 4	40450 x 4	4.3 x 4	5 x 4	570	9930	6" x 4	6" x 4	1.5"	3"
BCTI-100XE	1560	6100 x 4570 x 4060	1800 x 4	44800 x 4	6.2 x 4	7.5 x 4	570	9975	6" x 4	6" x 4	1.5"	3"
BCTI-100L	1511	6100 x 4570 x 4060	2100 x 4	40450 x 4	3.8 x 4	5 x 4	355	10000	6" x 4	6" x 4	1.5"	3"
BCTI-100LE	1642	6100 x 4570 x 4060	2100 x 4	44800 x 4	5.1 x 4	7.5 x 4	350	10050	6" x 4	6" x 4	1.5"	3"
BCTI-120S	1454	6100 x 5490 x 4060	1500 x 4	39000 x 4	5.6 x 4	7.5 x 4	955	11620	6" x 4	6" x 4	1.5"	3"
BCTI-120X	1813	6100 x 5490 x 4060	2000 x 4	48500 x 4	6.1 x 4	7.5 x 4	570	11895	6" x 4	6" x 4	1.5"	3"
BCTI-120XE	1867	6100 x 5490 x 4060	2000 x 4	54800 x 4	7.4 x 4	10 x 4	570	11950	6" x 4	6" x 4	1.5"	3"
BCTI-120L	1813	6100 x 5490 x 4060	2400 x 4	48500 x 4	5.2 x 4	7.5 x 4	350	11985	6" x 4	6" x 4	1.5"	3"
BCTI-120LE	2008	6100 x 5490 x 4060	2400 x 4	54800 x 4	6.2 x 4	10 x 4	350	12040	6" x 4	6" x 4	1.5"	3"
BCTI-140S	1696	6100 x 6400 x 4060	1800 x 4	45500 x 4	5.6 x 4	7.5 x 4	710	13765	6" x 4	6" x 4	1.5"	3"
BCTI-140X	2115	6100 x 6400 x 4060	2100 x 4	56600 x 4	6.4 x 4	7.5 x 4	570	14115	6" x 4	6" x 4	1.5"	3"
BCTI-140XE	2374	6100 x 6400 x 4060	2100 x 4	64800 x 4	8.63 x 4	10 x 4	570	14165	6" x 4	6" x 4	1.5"	3"
BCTI-140L	2115	6100 x 6400 x 4060	2400 x 4	56600 x 4	5.6 x 4	7.5 x 4	350	14215	6" x 4	6" x 4	1.5"	3"
BCTI-140LE	2374	6100 x 6400 x 4060	2400 x 4	64800 x 4	7.8 x 4	10 x 4	350	14275	6" x 4	6" x 4	1.5"	3"
BCTI-160S	1938	7320 x 6100 x 4060	1800 x 4	52000 x 4	8.1 x 4	10 x 4	710	15530	8" x 4	8" x 4	1.5"	3"
BCTI-160X	2418	7320 x 6100 x 4060	2200 x 4	64650 x 4	8.5 x 4	10 x 4	570	15915	8" x 4	8" x 4	1.5"	3"
BCTI-160XE	2678	7320 x 6100 x 4060	2200 x 4	73150 x 4	10.8 x 4	12.5 x 4	570	15975	8" x 4	8" x 4	1.5"	3"
BCTI-160L	2418	7320 x 6100 x 4060	2600 x 4	64650 x 4	7.2 x 4	10 x 4	350	16030	8" x 4	8" x 4	1.5"	3"
BCTI-160LE	2678	7320 x 6100 x 4060	2600 x 4	73150 x 4	8.6 x 4	12.5 x 4	350	16090	8" x 4	8" x 4	1.5"	3"
BCTI-180S	2181	8230 x 6100 x 4060	1900 x 4	58500 x 4	8.17 x 4	10 x 4	710	17500	8" x 4	8" x 4	1.5"	3"
BCTI-180X	2720	8230 x 6100 x 4060	2200 x 4	73150 x 4	10.8 x 4	12.5 x 4	570	17930	8" x 4	8" x 4	1.5"	3"
BCTI-180XE	2951	8230 x 6100 x 4060	2200 x 4	80500 x 4	11.9 x 4	15 x 4	570	17990	8" x 4	8" x 4	1.5"	3"
BCTI-180L	2720	8230 x 6100 x 4060	2600 x 4	73150 x 4	8.5 x 4	10 x 4	350	18060	8" x 4	8" x 4	1.5"	3"
BCTI-180LE	2951	8230 x 6100 x 4060	2600 x 4	80500 x 4	10.1 x 4	12.5 x 4	350	18130	8" x 4	8" x 4	1.5"	3"
BCTI-200S	2423	9140 x 6100 x 4060	2100 x 4	65000 x 4	8.51 x 4	10 x 4	570	19365	8" x 4	8" x 4	1.5"	3"
BCTI-200X	3022	9140 x 6100 x 4060	2400 x 4	80770 x 4	10.6 x 4	12.5 x 4	475	19845	8" x 4	8" x 4	1.5"	3"
BCTI-200XE	3270	9140 x 6100 x 4060	2400 x 4	89200 x 4	12.4 x 4	15 x 4	475	19910	8" x 4	8" x 4	1.5"	3"
BCTI-200L	3022	9140 x 6100 x 4060	2600 x 4	80770 x 4	10.1 x 4	12.5 x 4	350	19985	8" x 4	8" x 4	1.5"	3"
BCTI-200LE	3270	9140 x 6100 x 4060	2600 x 4	89200 x 4	11.9 x 4	15 x 4	350	20055	8" x 4	8" x 4	1.5"	3"
BCTI 240HX	3624	11040 x 6160 x 4670	2200 x 6	64650 x 6	8.5 x 6	10 x 6	570	23395	8" x 6	8" x 6	1.5" x 2	3" x 2
BCTI 240HL	3624	11040 x 6160 x 4670	2600 x 6	64650 x 6	7.2 x 6	10 x 6	350	23510	8" x 6	8" x 6	1.5" x 2	3" x 2
BCTI 280HX	4228	12260 x 6460 x 4670	2100 x 8	56600 x 8	6.4 x 8	7.5 x 8	570	28230	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 280HL	4228	12260 x 6460 x 4670	2400 x 8	56600 x 8	5.6 x 8	7.5 x 8	350	28430	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 300HX	4530	13780 x 6160 x 4670	1800 x 12	40450 x 12	4.3 x 12	5 x 12	570	29795	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 300HL	4530	13780 x 6160 x 4670	2100 x 12	40450 x 12	3.8 x 12	5 x 12	355	30010	8" x 8	8" x 8	1.5" x 2	3" x 2

BCTI 320HX	4832	14690 x 6160 x 4670	2200 x 8	64650 x 8	8.5 x 8	10 x 8	570	31120	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 320HL	4832	14690 x 6160 x 4670	2600 x 8	64650 x 8	7.2 x 8	10 x 8	350	32060	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 360HX	5436	16520 x 6160 x 4670	2200 x 8	73150 x 8	10.8 x 8	12.5 x 8	570	35695	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 360HL	5436	16520 x 6160 x 4670	2600 x 8	73150 x 8	8.5 x 8	10 x 8	350	36115	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 400HX	6040	18350 x 6160 x 4670	2400 x 8	80770 x 8	10.6 x 8	12.5 x 8	475	38325	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 400HL	6040	18350 x 6160 x 4670	2600 x 8	80770 x 8	10.1 x 8	12.5 x 8	350	39965	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 420HX	6342	18350 x 6460 x 4670	2100 x 12	56600 x 12	6.4 x 12	7.5 x 12	570	42345	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 420HL	6342	18350 x 6460 x 4670	2400 x 12	56600 x 12	5.6 x 12	7.5 x 12	350	42645	8" x 8	8" x 8	1.5" x 2	3" x 2
BCTI 450HX	6795	27500 x 4640 x 4980	1800 x 18	40450 x 18	4.3 x 18	5 x 18	570	44690	8" x 10	8" x 10	1.5" x 3	3" x 3
BCTI 450HL	6795	27500 x 4640 x 4980	2100 x 18	40450 x 18	3.8 x 18	5 x 18	355	45010	8" x 10	8" x 10	1.5" x 2	3" x 2
BCTI 480HX	7248	22010 x 6160 x 4980	2200 x 12	64650 x 12	8.5 x 12	10 x 12	570	47790	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 480HL	7248	22010 x 6160 x 4980	2600 x 12	64650 x 12	7.2 x 12	10 x 12	350	48095	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 500HX	7550	22920 x 6160 x 4980	1800 x 20	40450 x 20	4.3 x 20	5 x 20	570	49660	8" x 12	8" x 12	1.5" x 2	3" x 2
BCTI 500HL	7550	22920 x 6160 x 4980	2100 x 20	40450 x 20	3.8 x 20	5 x 20	355	50010	8" x 12	8" x 12	1.5" x 2	3" x 2
BCTI 540HX	8154	24750 x 6160 x 4980	2200 x 12	73150 x 12	10.8 x 12	12.5 x 12	570	53790	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 540HL	8154	24750 x 6160 x 4980	2600 x 12	73150 x 12	8.5 x 12	10 x 12	350	54170	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 600HX	9060	18350 x 9210 x 4980	2400 x 12	80770 x 12	10.6 x 12	12.5 x 12	475	59490	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 600HL	9060	18350 x 9210 x 4980	2600 x 12	80770 x 12	10.1 x 12	12.5 x 12	350	59950	8" x 12	8" x 12	1.5" x 3	3" x 3
BCTI 640HX	9664	24450 x 7380 x 4980	2200 x 16	64650 x 16	8.5 x 16	10 x 16	570	63625	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 640HL	9664	24450 x 7380 x 4980	2600 x 16	64650 x 16	7.2 x 16	10 x 16	350	64125	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 700HX	10570	32070 x 6160 x 4980	1800 x 28	40450 x 28	4.3 x 28	5 x 28	570	69520	8" x 14	8" x 14	1.5" x 3	3" x 3
BCTI 700HL	10570	32070 x 6160 x 4980	2100 x 28	40450 x 28	3.8 x 28	5 x 28	355	70015	8" x 14	8" x 14	1.5" x 3	3" x 3
BCTI 720HX	10872	24450 x 8290 x 5280	2200 x 16	73150 x 16	10.8 x 16	12.5 x 16	570	71730	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 720HL	10872	24450 x 8290 x 5280	2600 x 16	73150 x 16	8.5 x 16	10 x 16	350	72230	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 800HX	12080	24450 x 9210 x 5280	2400 x 16	80770 x 16	10.6 x 16	12.5 x 16	475	79355	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 800HL	12080	24450 x 9210 x 5280	2600 x 16	80770 x 16	10.1 x 16	12.5 x 16	350	79930	8" x 16	8" x 16	1.5" x 4	3" x 4
BCTI 900HX	13590	41210 x 6160 x 5280	1800 x 36	40450 x 36	4.3 x 36	5 x 36	570	89385	8" x 18	8" x 18	1.5" x 4	3" x 4
BCTI 900HL	13590	41210 x 6160 x 5280	2100 x 36	40450 x 36	3.8 x 36	5 x 36	355	90015	8" x 18	8" x 18	1.5" x 4	3" x 4
BCTI 1000HX	15100	30540 x 9210 x 5280	2400 x 20	80770 x 20	10.6 x 20	12.5 x 20	475	99215	8" x 20	8" x 20	1.5" x 4	3" x 4
BCTI 1000HL	15100	30540 x 9210 x 5280	2600 x 20	80770 x 20	10.1 x 20	12.5 x 20	350	99915	8" x 20	8" x 20	1.5" x 4	3" x 4

* EWT --> Entering Water Temperature
LWT --> Leaving Water Temperature
DWBT ----> Design Wet Bulb Temperature

Data Sheet – BCTI04
10/10/2022