

Shanghai Tyacht Cooling System Co.Ltd

No.5 Anshan Road, Yangpu Commercial Center 16B-2, Shanghai, China

TEL: +86-021-55960572

FAX: +86-021-65045049-112

URL: <http://www.tyacht.com.cn/index.php>

MAIL: tyacht@tyacht.com.cn



Low Sound Cross-Flow Cooling Towers

TCT SERIES

Design Information



Selection Tables

Wet Bulb Tem. °C	14°C																					
Range °C	4				5					6					7				8			
Approach °C	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7
Inlet water tem. °C	22	23	24	25	22	23	24	25	26	23	24	25	26	27	25	26	27	28	26	27	28	29
Outlet water tem. °C	18	19	20	21	17	18	19	20	21	17	18	19	20	21	18	19	20	21	18	19	20	21
TCT-25C	13.6	16.6	19.7	22.9	9.3	11.7	14.1	16.7	19.3	8.4	10.4	12.5	14.7	16.9	9.5	11.3	13.2	15.2	8.8	10.5	12.2	14.0
TCT-30C	16.2	19.7	23.4	27.3	11.1	13.9	16.8	19.8	23.0	10.0	12.4	14.9	17.5	20.2	11.3	13.5	15.8	18.2	10.5	12.5	14.5	16.7
TCT-40C	21.6	26.4	31.3	36.5	14.9	18.6	22.5	26.5	30.8	13.3	16.6	19.9	23.4	27.0	15.1	18.0	21.1	24.3	14.0	16.7	19.4	22.3
TCT-50C	24.5	29.8	35.4	41.2	16.8	21.0	25.4	30.0	34.8	15.1	18.7	22.5	26.4	30.5	17.1	20.4	23.8	27.4	15.8	18.8	21.9	25.2
TCT-60C	33.8	41.2	48.9	57.0	23.2	29.0	35.1	41.4	48.0	20.8	25.9	31.0	36.5	42.1	23.6	28.2	32.9	37.9	21.9	26.0	30.3	34.8
TCT-80C	40.1	48.8	58.0	67.6	27.5	34.4	41.6	49.1	57.0	24.7	30.7	36.8	43.3	50.0	28.0	33.4	39.1	45.0	25.9	30.9	35.9	41.3
TCT-90C	45.3	55.2	65.5	76.3	31.1	38.9	47.0	55.5	64.4	27.9	34.7	41.6	48.9	56.5	31.6	37.8	44.2	50.8	29.3	34.9	40.6	46.6
TCT-100C	51.7	63.0	74.8	87.2	35.5	44.4	53.7	63.4	73.5	31.9	39.6	47.5	55.8	64.5	36.1	43.1	50.4	58.0	33.5	39.8	46.4	53.2
TCT-125C	64.9	79.1	93.9	109.5	44.6	55.8	67.4	79.6	92.3	40.0	49.7	59.7	70.1	80.9	45.3	54.1	63.3	72.9	42.0	50.0	58.2	66.9
TCT-140C	70.1	85.4	101.4	118.2	48.2	60.3	72.8	86.0	99.7	43.2	53.7	64.5	75.7	87.4	49.0	58.5	68.4	78.7	45.4	54.0	62.9	72.2
TCT-150C	80.2	97.6	115.9	135.1	55.0	68.9	83.2	98.2	114.0	49.4	61.3	73.7	86.5	99.9	55.9	66.8	78.1	90.0	51.9	61.7	71.9	82.5

Wet Bulb Tem. °C	16°C																					
Range °C	4				5					6					7				8			
Approach °C	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7
Inlet water tem. °C	24	25	26	27	24	25	26	27	28	25	26	27	28	29	27	28	29	30	28	29	30	31
Outlet water tem. °C	20	21	22	23	19	20	21	22	23	19	20	21	22	23	20	21	22	23	20	21	22	23
TCT-25C	14.9	18.1	21.5	25.1	10.3	12.8	15.5	18.3	21.2	9.2	11.4	13.7	16.1	18.6	10.4	12.5	14.6	16.8	9.7	11.5	13.4	15.4
TCT-30C	17.8	21.6	25.7	29.9	12.2	15.3	18.5	21.8	25.3	11.0	13.6	16.3	19.2	22.2	12.4	14.9	17.4	20.0	11.5	13.7	16.0	18.3
TCT-40C	23.7	28.9	34.3	40.0	16.3	20.4	24.7	29.1	33.8	14.6	18.2	21.8	25.6	29.7	16.6	19.9	23.2	26.7	15.4	18.3	21.3	24.5

TCT-50C	26.8	32.7	38.8	45.2	18.5	23.1	27.9	32.8	38.2	16.5	20.6	24.7	29.0	33.5	18.8	22.4	26.2	30.2	17.4	20.7	24.1	27.7
TCT-60C	37.1	45.1	53.6	62.4	25.5	31.9	38.5	45.4	52.7	22.9	28.4	34.1	40.0	46.3	26.0	31.0	36.2	41.7	24.0	28.6	33.3	38.2
TCT-80C	44.0	53.5	63.6	74.1	30.3	37.9	45.7	53.8	62.5	27.1	33.7	40.4	47.5	54.9	30.8	36.8	43.0	49.5	28.5	33.9	39.5	45.4
TCT-90C	49.7	60.5	71.8	83.7	34.2	42.8	51.6	60.8	70.7	30.6	38.1	45.7	53.7	62.1	34.8	41.5	48.5	55.9	32.2	38.3	44.6	51.2
TCT-100C	56.7	69.1	82.0	95.6	39.0	48.8	58.9	69.5	80.7	35.0	43.5	52.2	61.3	70.9	39.7	47.4	55.4	63.8	36.7	43.7	51.0	58.5
TCT-125C	71.2	86.7	103.0	120.0	49.0	61.3	74.0	87.2	101.3	43.9	54.6	65.5	76.9	89.0	49.9	59.6	69.6	80.1	46.1	54.9	64.0	73.5
TCT-140C	77.0	93.7	111.2	129.6	52.9	66.3	80.0	94.2	109.5	47.5	59.0	70.8	83.1	96.2	53.9	64.3	75.2	86.6	49.8	59.3	69.1	79.4
TCT-150C	87.9	107.1	127.1	148.1	60.5	75.7	91.4	107.7	125.1	54.2	67.4	80.9	95.0	109.9	61.6	73.5	85.9	98.9	57.0	67.8	79.0	90.7

Wet Bulb Tem. °C	18°C																					
Range °C	4				5					6					7				8			
Approach °C	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7
Inlet water tem. °C	26	27	28	29	26	27	28	29	30	27	28	29	30	31	29	30	31	32	30	31	32	33
Outlet water tem. °C	22	23	24	25	21	22	23	24	25	21	22	23	24	25	22	23	24	25	22	23	24	25
TCT-25C	16.4	19.9	23.6	27.6	11.2	14.1	17.0	20.1	23.3	10.1	12.6	15.1	17.7	20.5	11.5	13.7	16.0	18.4	10.6	12.6	14.7	16.9
TCT-30C	19.5	23.7	28.2	32.9	13.4	16.8	20.3	23.9	27.8	12.1	15.0	18.0	21.1	24.4	13.6	16.3	19.1	22.0	12.7	15.1	17.6	20.2
TCT-40C	26.1	31.7	37.7	43.9	17.9	22.4	27.1	32.0	37.1	16.1	20.0	24.0	28.2	32.6	18.2	21.8	25.5	29.4	16.9	20.1	23.5	27.0
TCT-50C	29.5	35.8	42.6	49.6	20.2	25.3	30.6	36.1	41.9	18.2	22.6	27.2	31.8	36.9	20.6	24.7	28.8	33.2	19.1	22.8	26.5	30.5
TCT-60C	40.7	49.5	58.8	68.6	27.9	35.0	42.3	50.0	57.9	25.2	31.3	37.5	44.0	50.9	28.5	34.1	39.8	45.9	26.4	31.4	36.7	42.1
TCT-80C	48.3	58.7	69.8	81.4	33.2	41.5	50.2	59.3	68.7	29.9	37.1	44.5	52.2	60.4	33.8	40.4	47.3	54.4	31.4	37.3	43.5	50.0
TCT-90C	54.6	66.3	78.8	91.9	37.5	46.9	56.7	67.0	77.7	33.7	41.9	50.3	59.0	68.3	38.2	45.7	53.4	61.5	35.4	42.2	49.1	56.4
TCT-100C	62.3	75.7	90.0	105.0	42.8	53.6	64.7	76.4	88.7	38.5	47.8	57.4	67.3	78.0	43.6	52.2	61.0	70.2	40.4	48.1	56.1	64.4
TCT-125C	78.2	95.1	113.0	131.8	53.7	67.3	81.3	96.0	111.4	48.4	60.1	72.1	84.6	97.9	54.7	65.5	76.6	88.1	50.8	60.4	70.4	80.9
TCT-140C	84.5	102.7	122.1	142.4	58.0	72.7	87.8	103.7	120.3	52.3	64.9	77.9	91.4	105.8	59.1	70.8	82.7	95.2	54.9	65.3	76.1	87.4
TCT-150C	96.6	117.4	139.5	162.7	66.3	83.1	100.3	118.5	137.5	59.7	74.1	89.0	104.4	120.9	67.6	80.9	94.5	108.8	62.7	74.6	87.0	99.9

Wet Bulb Tem. °C	20°C																					
------------------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Range °C	4				5					6					7				8					
Approach °C	4	5	6	7	3	4	5	6	7	8	3	4	5	6	7	8	4	5	6	7	4	5	6	7
Inlet water tem. °C	28	29	30	31	28	29	30	31	32	33	29	30	31	32	33	34	31	32	33	34	32	33	34	35
Outlet water tem. °C	24	25	26	27	23	24	25	26	27	28	23	24	25	26	27	28	24	25	26	27	24	25	26	27
TCT-25C	18.0	21.9	26.0	30.4	12.4	15.5	18.7	22.1	25.7	29.4	11.1	13.8	16.6	19.5	22.6	25.7	12.6	15.1	17.7	20.4	11.7	13.9	16.3	18.7
TCT-30C	21.4	26.1	31.0	36.2	14.8	18.5	22.3	26.3	30.6	35.0	13.3	16.5	19.8	23.2	26.9	30.7	15.1	18.0	21.1	24.3	14.0	16.6	19.4	22.3
TCT-40C	28.7	34.9	41.4	48.4	19.7	24.7	29.8	35.2	40.9	46.8	17.7	22.1	26.5	31.1	35.9	41.0	20.1	24.0	28.1	32.4	18.7	22.2	25.9	29.8
TCT-50C	32.4	39.4	46.8	54.6	22.3	27.9	33.7	39.8	46.2	52.9	20.0	24.9	29.9	35.1	40.6	46.3	22.8	27.2	31.8	36.6	21.1	25.1	29.3	33.6
TCT-60C	44.7	54.4	64.7	75.5	30.8	38.5	46.6	55.0	63.8	73.1	27.7	34.4	41.3	48.5	56.1	64.0	31.5	37.5	43.9	50.6	29.1	34.7	40.4	46.5
TCT-80C	53.1	64.6	76.7	89.6	36.5	45.7	55.3	65.2	75.7	86.7	32.8	40.8	49.0	57.5	66.5	76.0	37.3	44.5	52.1	60.0	34.6	41.1	48.0	55.1
TCT-90C	60.0	73.0	86.7	101.2	41.3	51.6	62.4	73.7	85.6	98.0	37.1	46.1	55.4	65.0	75.2	85.8	42.2	50.3	58.9	67.8	39.1	46.5	54.2	62.3
TCT-100C	68.5	83.3	99.0	115.6	47.1	58.9	71.3	84.1	97.7	111.8	42.4	52.7	63.2	74.2	85.8	98.0	48.1	57.4	67.2	77.5	44.6	53.1	61.9	71.1
TCT-125C	86.0	104.6	124.3	145.1	59.2	74.0	89.5	105.6	122.7	140.4	53.2	66.2	79.4	93.2	107.8	123.0	60.4	72.1	84.4	97.3	56.0	66.7	77.7	89.3
TCT-140C	92.9	113.0	134.3	156.8	63.9	80.0	96.7	114.1	132.5	151.7	57.5	71.5	85.7	100.7	116.5	132.9	65.3	77.9	91.2	105.1	60.5	72.0	84.0	96.5
TCT-150C	106.1	129.2	153.5	179.2	73.1	91.4	110.5	130.4	151.4	173.4	65.7	81.7	98.0	115.1	133.1	151.9	74.6	89.0	104.2	120.1	69.1	82.3	96.0	110.2

Wet Bulb Tem. °C	22°C																									
Range °C	3		4				5					6					7				8					
Approach °C	6	7	4	5	6	7	3	4	5	6	7	8	3	4	5	6	7	8	4	5	6	7	4	5	6	7
Inlet water tem. °C	31	32	30	31	32	33	30	31	32	33	34	35	31	32	33	34	35	36	33	34	35	36	34	35	36	37
Outlet water tem. °C	28	29	26	27	28	29	25	26	27	28	29	30	25	26	27	28	29	30	26	27	28	29	26	27	28	29
TCT-25C	35.9	42.1	19.8	24.2	28.7	33.5	13.7	17.1	20.6	24.4	28.3	32.4	12.3	15.3	18.3	21.5	24.9	28.4	13.9	16.7	19.5	22.5	13.0	15.4	18.0	20.7
TCT-30C	42.8	50.2	23.6	28.8	34.2	39.9	16.3	20.4	24.6	29.1	33.8	38.7	14.7	18.2	21.8	25.7	29.7	33.9	16.6	19.9	23.2	26.8	15.5	18.4	21.4	24.6
TCT-40C	57.2	67.1	31.6	38.5	45.7	53.3	21.8	27.2	32.9	38.9	45.1	51.7	19.6	24.3	29.2	34.3	39.7	45.3	22.2	26.5	31.1	35.8	20.7	24.6	28.7	32.9
TCT-50C	64.6	75.8	35.7	43.5	51.6	60.2	24.6	30.7	37.2	43.9	51.0	58.4	22.1	27.4	33.0	38.8	44.8	51.2	25.1	30.0	35.1	40.4	23.3	27.8	32.4	37.2
TCT-60C	89.2	104.7	49.3	60.1	71.3	83.2	34.0	42.5	51.3	60.7	70.4	80.7	30.6	37.9	45.6	53.6	61.9	70.7	34.7	41.4	48.5	55.9	32.2	38.4	44.7	51.4

TCT-80C	105.9	124.2	58.5	71.2	84.6	98.7	40.3	50.4	60.9	72.0	83.6	95.7	36.3	45.0	54.1	63.6	73.4	83.9	41.2	49.1	57.5	66.3	38.3	45.5	53.1	61.0
TCT-90C	119.6	140.3	66.1	80.5	95.6	111.5	45.5	57.0	68.8	81.3	94.4	108.1	41.0	50.8	61.1	71.8	83.0	94.8	46.5	55.5	65.0	74.9	43.2	51.5	60.0	68.9
TCT-100C	136.6	160.2	75.4	91.9	109.1	127.3	52.0	65.0	78.6	92.8	107.8	123.5	46.8	58.0	69.8	82.0	94.7	108.2	53.1	63.4	74.2	85.5	49.3	58.7	68.5	78.7
TCT-125C	171.5	201.2	94.7	115.4	137.0	159.9	65.3	81.6	98.7	116.6	135.4	155.0	58.8	72.9	87.6	103.0	119.0	135.9	66.7	79.6	93.2	107.4	62.0	73.8	86.0	98.8
TCT-140C	185.3	217.4	102.3	124.7	148.0	172.7	70.5	88.2	106.6	125.9	146.2	167.5	63.5	78.7	94.6	111.2	128.5	146.8	72.0	86.0	100.7	116.0	66.9	79.7	92.9	106.7
TCT-150C	211.7	248.4	116.9	142.5	169.1	197.4	80.6	100.8	121.8	143.9	167.1	191.4	72.6	90.0	108.2	127.1	146.9	167.7	82.3	98.3	115.1	132.6	76.5	91.1	106.1	122.0

Wet Bulb Tem. °C	24°C																							
Range °C	3		4				5					6					7				8			
Approach °C	6	7	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7
Inlet water tem. °C	33	34	32	33	34	35	32	33	34	35	36	33	34	35	36	37	35	36	37	38	36	37	38	39
Outlet water tem. °C	30	31	28	29	30	31	27	28	29	30	31	27	28	29	30	31	28	29	30	31	28	29	30	31
TCT-25C	39.6	46.4	21.9	26.6	31.7	36.9	15.1	18.9	22.8	26.9	31.3	13.6	16.9	20.2	23.8	27.5	15.4	18.4	21.6	24.9	14.3	17.1	19.9	22.9
TCT-30C	47.2	55.4	26.1	31.7	37.7	44.0	18.0	22.5	27.2	32.1	37.3	16.2	20.1	24.1	28.4	32.8	18.4	22.0	25.7	29.6	17.1	20.3	23.7	27.3
TCT-40C	63.1	74.0	34.9	42.3	50.5	58.8	24.0	30.1	36.4	42.9	49.8	21.6	26.9	32.3	37.9	43.8	24.6	29.4	34.4	39.6	22.8	27.2	31.7	36.4
TCT-50C	71.2	83.6	39.4	47.8	57.0	66.5	27.2	34.0	41.1	48.5	56.3	24.4	30.4	36.4	42.8	49.5	27.8	33.2	38.8	44.8	25.8	30.7	35.8	41.2
TCT-60C	98.4	115.5	54.4	66.1	78.8	91.8	37.5	47.0	56.8	67.0	77.8	33.8	42.0	50.3	59.2	68.5	38.4	45.9	53.7	61.8	35.6	42.4	49.5	56.9
TCT-80C	116.8	137.0	64.6	78.4	93.4	108.9	44.5	55.7	67.3	79.5	92.3	40.1	49.8	59.7	70.2	81.2	45.5	54.4	63.6	73.4	42.2	50.3	58.7	67.5
TCT-90C	131.9	154.8	73.0	88.6	105.6	123.1	50.3	63.0	76.1	89.8	104.2	45.3	56.2	67.5	79.4	91.8	51.5	61.5	71.9	82.9	47.7	56.9	66.3	76.2
TCT-100C	150.6	176.7	83.3	101.1	120.5	140.5	57.4	71.9	86.9	102.5	119.0	51.7	64.2	77.0	90.6	104.8	58.7	70.2	82.1	94.6	54.5	64.9	75.7	87.0
TCT-125C	189.2	222.0	104.6	127.0	151.4	176.5	72.1	90.3	109.1	128.8	149.5	64.9	80.6	96.8	113.8	131.5	73.8	88.1	103.1	118.9	68.4	81.5	95.1	109.3
TCT-140C	204.3	239.8	113.0	137.2	163.5	190.7	77.9	97.5	117.8	139.1	161.4	70.1	87.1	104.5	122.9	142.1	79.7	95.2	111.4	128.4	73.9	88.1	102.7	118.1
TCT-150C	233.5	274.0	129.2	156.8	186.9	217.9	89.0	111.5	134.7	159.0	184.5	80.1	99.5	119.5	140.5	162.4	91.1	108.8	127.3	146.7	84.5	100.6	117.4	134.9

Wet Bulb Tem. °C	26°C																							
Range °C	4				5					6					7				8					

Approach °C	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7
Inlet water tem. °C	34	35	36	37	34	35	36	37	38	35	36	37	38	39	37	38	39	40	38	39	40	41
Outlet water tem. °C	30	31	32	33	29	30	31	32	33	29	30	31	32	33	30	31	32	33	30	31	32	33
TCT-25C	24.2	29.5	35.0	40.8	16.7	20.9	25.3	29.8	34.6	15.0	18.7	22.4	26.4	30.5	17.1	20.4	23.9	27.6	15.9	18.9	22.1	25.4
TCT-30C	28.8	35.1	41.7	48.7	19.9	24.9	30.1	35.6	41.3	17.9	22.3	26.7	31.4	36.4	20.4	24.4	28.5	32.8	18.9	22.5	26.3	30.2
TCT-40C	38.6	46.9	55.7	65.1	26.6	33.3	40.3	47.5	55.2	24.0	29.8	35.7	42.0	48.6	27.2	32.5	38.1	43.9	25.3	30.1	35.1	40.4
TCT-50C	43.6	53.0	63.0	73.5	30.1	37.6	45.5	53.7	62.3	27.1	33.6	40.4	47.4	54.9	30.7	36.8	43.0	49.6	28.6	34.0	39.7	45.6
TCT-60C	60.2	73.3	87.0	101.6	41.6	51.9	62.8	74.2	86.1	37.4	46.5	55.8	65.5	75.9	42.5	50.8	59.5	68.5	39.5	47.0	54.9	63.1
TCT-80C	71.4	86.9	103.2	120.5	49.3	61.6	74.5	88.0	102.1	44.4	55.1	66.2	77.8	90.0	50.4	60.3	70.5	81.3	46.9	55.8	65.1	74.8
TCT-90C	80.7	98.2	116.6	136.1	55.7	69.6	84.2	99.5	115.4	50.1	62.3	74.8	87.9	101.7	57.0	68.1	79.7	91.8	53.0	63.0	73.5	84.5
TCT-100C	92.1	112.1	133.2	155.4	63.6	79.5	96.2	113.5	131.7	57.2	71.1	85.3	100.3	116.1	65.0	77.8	91.0	104.9	60.5	72.0	84.0	96.5
TCT-125C	115.7	140.8	167.2	195.2	79.9	99.8	120.8	142.6	165.5	71.9	89.3	107.2	126.0	145.8	81.6	97.6	114.3	131.7	75.9	90.4	105.4	121.2
TCT-140C	125.0	152.1	180.6	210.8	86.3	107.8	130.4	154.0	178.7	77.6	96.4	115.8	136.1	157.5	88.2	105.5	123.5	142.2	82.0	97.6	113.9	130.9
TCT-150C	142.8	173.8	206.5	240.9	98.6	123.2	149.1	176.0	204.3	88.7	110.2	132.3	155.5	180.0	100.8	120.6	141.1	162.6	93.7	111.6	130.2	149.6

Wet Bulb Tem. °C	28°C																						27°C
Range °C	4				5					6					7				8				5
Approach °C	4	5	6	7	3	4	5	6	7	3	4	5	6	7	4	5	6	7	4	5	6	7	5
Inlet water tem. °C	36	37	38	39	36	37	38	39	40	37	38	39	40	41	39	40	41	42	40	41	42	43	37
Outlet water tem. °C	32	33	34	35	31	32	33	34	35	31	32	33	34	35	32	33	34	35	32	33	34	35	32
TCT-25C	26.8	32.6	38.8	45.2	18.5	23.1	28.0	33.1	38.4	16.7	20.7	24.9	29.3	33.8	19.0	22.7	26.5	30.6	17.6	21.0	24.5	28.2	26.6
TCT-30C	32.0	38.9	46.2	53.9	22.1	27.6	33.3	39.4	45.7	19.9	24.7	29.7	34.9	40.3	22.6	27.0	31.6	36.4	21.0	25.0	29.2	33.6	31.7
TCT-40C	42.7	52.0	61.8	72.0	29.5	36.9	44.6	52.7	61.1	26.6	33.0	39.7	46.6	53.9	30.2	36.1	42.3	48.7	28.1	33.5	39.0	44.9	42.3
TCT-50C	48.2	58.7	69.8	81.4	33.3	41.6	50.3	59.5	69.0	30.0	37.2	44.8	52.6	60.9	34.1	40.8	47.8	55.0	31.7	37.8	44.1	50.7	47.8
TCT-60C	66.7	81.1	96.4	112.5	46.1	57.6	69.6	82.2	95.4	41.5	51.5	61.9	72.7	84.1	47.2	56.4	66.0	76.1	43.9	52.2	60.9	70.0	66.1
TCT-80C	79.1	96.3	114.4	133.4	54.6	68.3	82.5	97.5	113.2	49.2	61.1	73.4	86.3	99.8	56.0	66.9	78.3	90.2	52.0	62.0	72.3	83.1	78.4

TCT-90C	89.4	108.8	129.2	150.7	61.7	77.1	93.3	110.2	127.9	55.6	69.0	83.0	97.5	112.8	63.2	75.6	88.5	101.9	58.8	70.0	81.7	93.9	88.6
TCT-100C	102.0	124.2	147.5	172.1	70.5	88.1	106.5	125.8	146.0	63.5	78.8	94.7	111.3	128.7	72.2	86.2	101.0	116.4	67.1	79.9	93.2	107.2	101.1
TCT-125C	128.1	155.9	185.3	216.1	88.5	110.6	133.7	158.0	183.4	79.7	98.9	119.0	139.8	161.6	90.7	108.3	126.9	146.2	84.3	100.4	117.1	134.6	127.0
TCT-140C	138.4	168.4	200.1	233.5	95.6	119.5	144.4	170.6	198.1	86.1	106.9	128.5	151.0	174.6	97.9	117.0	137.0	157.9	91.1	108.4	126.5	145.4	137.2
TCT-150C	158.2	192.5	228.7	266.8	109.3	136.5	165.1	195.0	226.4	98.4	122.1	146.9	172.6	199.6	111.9	133.7	156.6	180.4	104.1	123.9	144.6	166.2	156.8