

# LCT-xxxLN/SLN/W

Round shape counterflow cooling tower

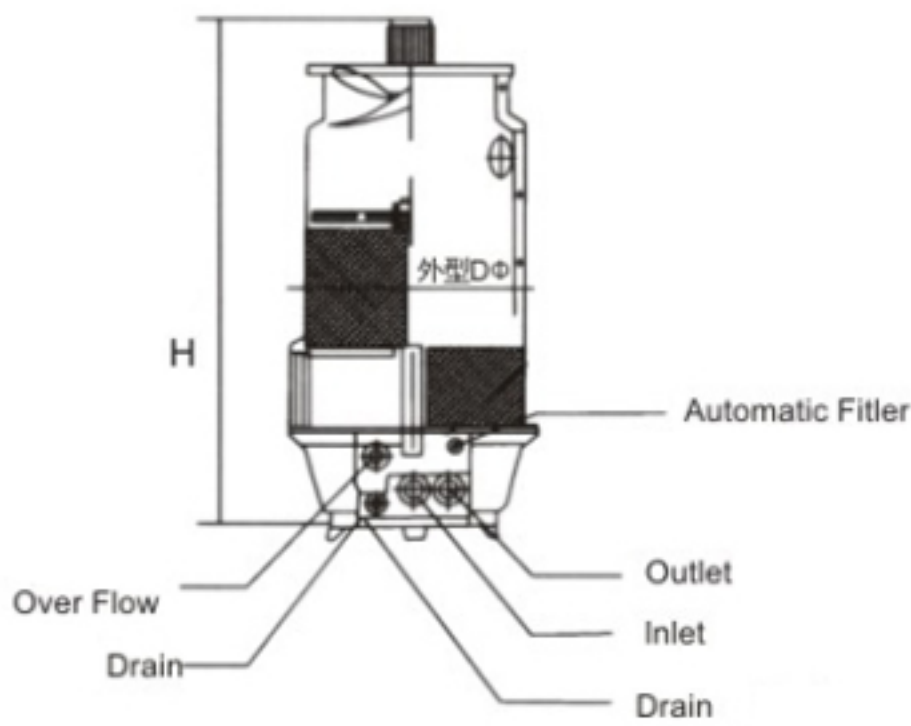
Circulating water flow

Low noise type

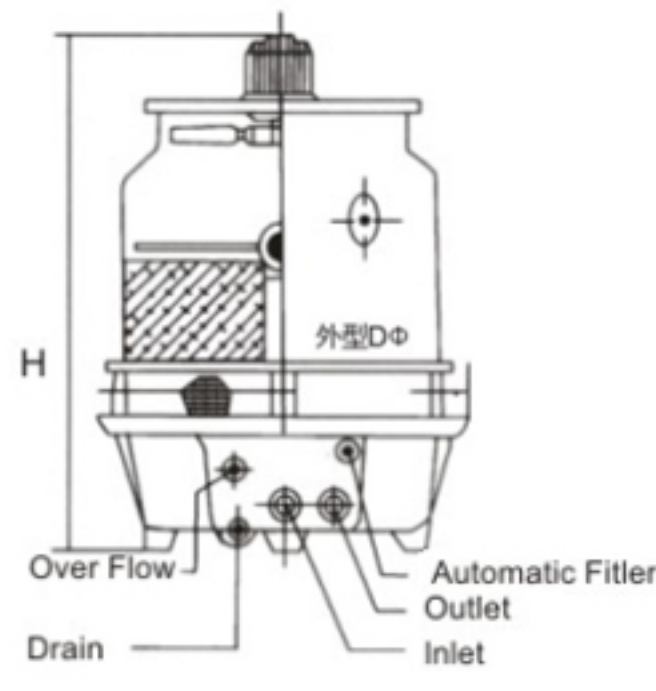
Super low noise type

High temperature type

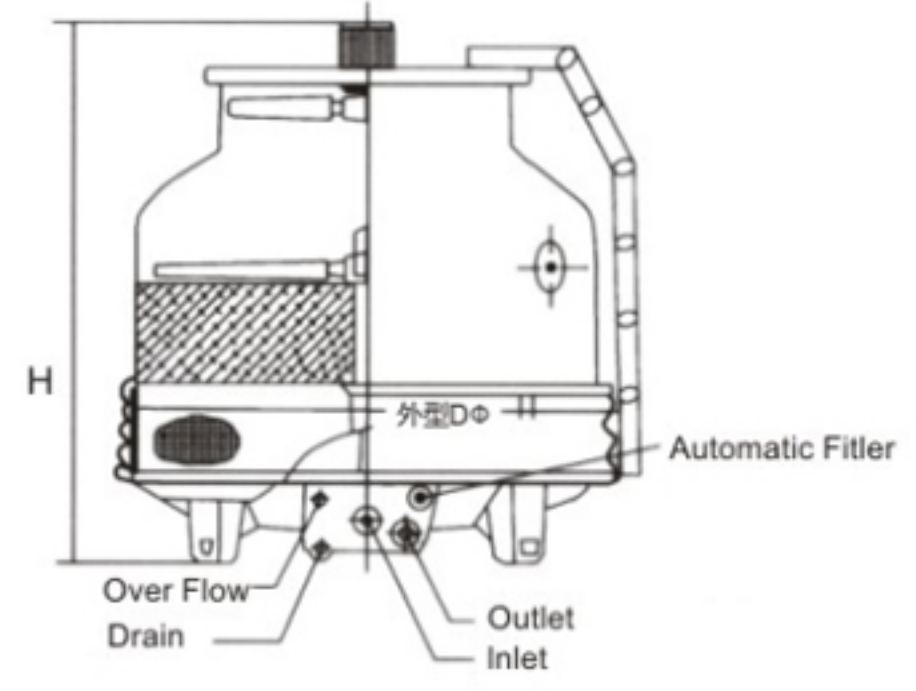
## Performance Parameter Table of LCT Series Standard Type



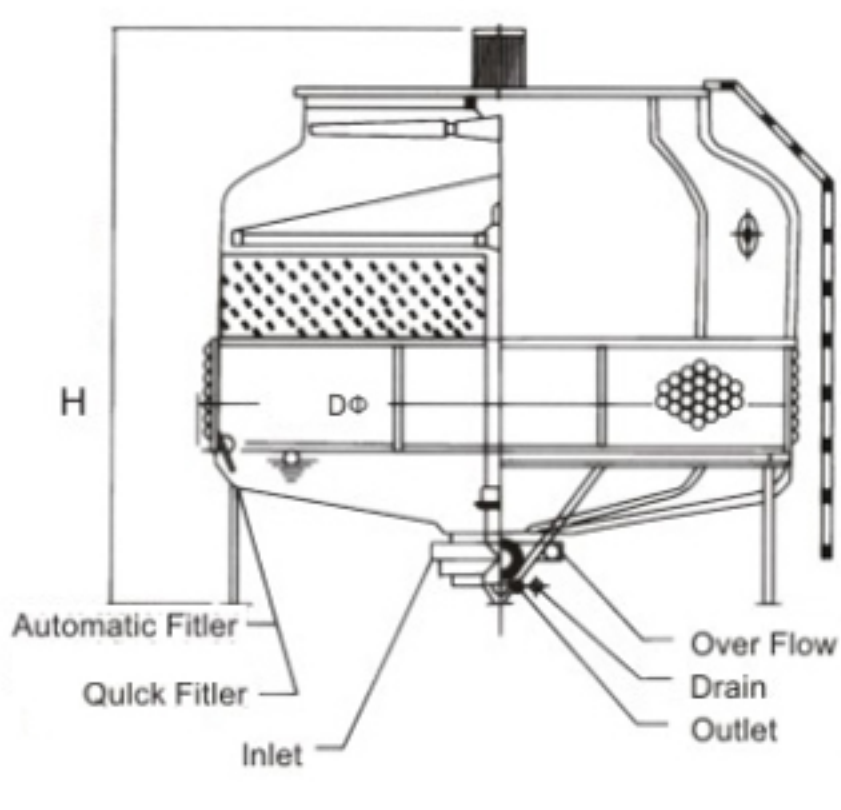
LCT-10-20



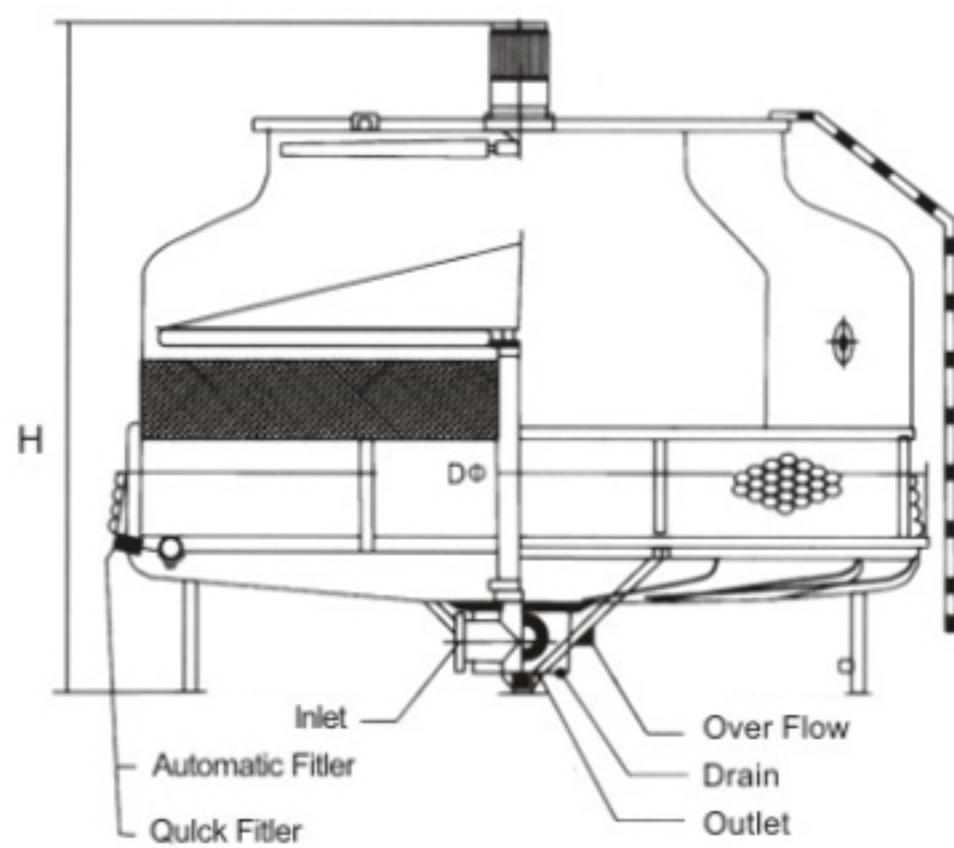
LCT-25-40



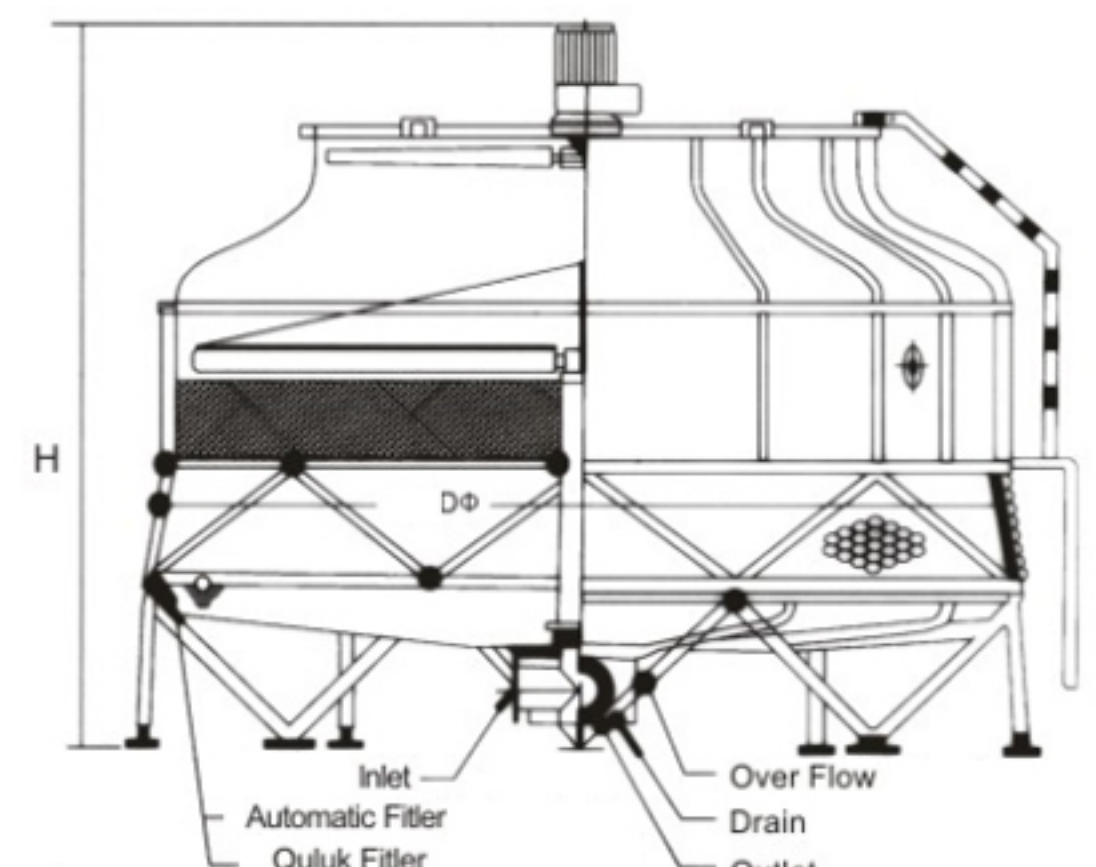
LCT-50-200



LCT-250



LCT-300-400



LCT-500-1000

## Design condition

- ◆ Inlet water temperature: T1=37°C
- ◆ Outlet water temperature: T2=32°C
- ◆ Wet bulb temperature: TWB=27°C

- ◆ Dry bulb temperature: T=31.8°C
- ◆ Atmospheric pressure: P=9.94×10<sup>4</sup> Pa

Model	Flow Rate (m <sup>3</sup> /h)		Overall Dimension		Fan Assembly		Piping Size					Noise (dB)
	WB28°C	WB27°C	Height H	Outer Diameter D	Motor(H)	Fan	Warm Water Inlet	Cold Water Outlet	Drain Pipe DR	Overflow Pipe OF	Feed Pipe FV	
	TWB28°C	TWB27°C										
LCT-10	7.2	8.5	1740	1060	1/4	670	40	40	25	25	15	50
LCT-15	10.8	12	1960	1060	1/4	670	40	40	25	25	15	52
LCT-20	14.4	17	2000	1200	1/4	670	50	50	25	25	15	53
LCT-25	18.5	20	2290	1430	1/2	770	80	80	25	25	15	53
LCT-30	21.6	24	2290	1430	3/4	770	80	80	25	25	15	55
LCT-40	28.8	32	2360	1620	1	770	80	80	25	25	15	56
LCT-50	36	40	2595	1810	2	970	80	80	25	25	15	57
LCT-60	43.2	48	2595	2000	2	970	80	80	25	25	15	58
LCT-80	57.6	64	2690	2180	2	1170	100	100	25	25	25	59
LCT-100	72	80	2790	2180	2	1170	100	100	40	25	25	60
LCT-125	90	100	2875	2750	3	1470	100	100	40	25	25	61
LCT-150	108	120	2950	3070	3	1470	125	125	50	25	25	61
LCT-175	126	140	3200	3300	5	1750	125	125	50	50	25	62
LCT-200	144	160	3300	3300	5	1750	125	125	50	50	25	62
LCT-250	180	200	3600	3770	5	1750	150	150	50	50	40	63
LCT-300	216	240	3960	3770	7.5	2400	200	200	50	50	40	63
LCT-350	252	280	4150	4790	10	2400	200	200	50	50	40	63.5
LCT-400	288	320	4150	4790	10	2400	200	200	50	50	40	63.5
LCT-500	360	400	5200	5480	15	3000	250	250	80	80	40	65
LCT-600	432	480	5200	6100	15	3400	250	250	80	80	40	66
LCT-700	504	560	5770	6600	20	3400	250	250	80	80	40	68
LCT-800	576	640	5820	6600	20	3400	250	250	80	80	40	69
LCT-1000	720	800	5920	7600	30	3600	300	300	80	80	40	69

## Foundation dimension of LCT series standard type

Model	Weight (Kg)		Foundation Dimension (mm)								Pump Head (m)
	Dry	Wet	D1	D2	W	B	C	E	H	H'	
LCT-10	65	190	710	-	615	200	-	-	150	-	2
LCT-15	75	250	710	-	615	200	-	-	150	-	2
LCT-20	83	390	855	-	740	200	-	-	150	-	2
LCT-25	125	490	1040	-	901	200	-	-	150	-	2
LCT-30	140	510	1040	-	901	200	-	-	150	-	2
LCT-40	155	590	1245	-	880	200	-	-	150	-	2.3
LCT-50	235	630	1400	-	990	250	-	-	200	-	2.3
LCT-60	302	690	1600	-	1131	250	-	-	200	-	2.3
LCT-80	384	1160	1620	-	1145	250	300	-	200	300	2.3
LCT-100	441	1220	1620	-	1145	250	300	-	200	300	2.3
LCT-125	535	1390	2330	-	1165	300	300	-	300	350	2.8
LCT-150	594	1720	2610	-	1305	300	300	-	300	350	3
LCT-175	625	2605	2815	-	1408	300	400	-	300	340	3
LCT-200	713	2676	2815	-	1408	300	400	-	300	340	3.2
LCT-250	870	3460	3354	-	2372	300	500	-	300	300	3.2
LCT-300	1030	3570	3354	-	2372	300	500	-	300	300	3.6
LCT-350	1283	4543	4600	-	3253	300	500	-	300	420	3.6
LCT-400	1362	4620	4600	-	3253	300	500	-	300	420	4
LCT-500	2171	6811	5500	-	2750	500	700	-	300	300	4
LCT-600	2428	7068	5960	-	2980	500	700	-	300	300	4
LCT-700	3364	10774	6480	3900	2488	500	1100	300	300	300	5
LCT-800	3567	10967	6480	3900	2488	500	1100	300	300	300	5.5
LCT-1000	4380	11980	7500	4155	2870	500	1100	300	300	300	6