

# OTTC-L SERIES [ Low Noise Open Counter Flow Type]

## Engineering Data Information

Temperature Condition : 37-32/27°C

Fan Type : Axial Fan

Fan Blade Type : Wide Airfoil

Nozzle Type : Low Pressure Spray

Driver System : V-Belt type

Motor Type : T.E.A.O

Material

    Casing / Bain : Galvanized Steel

    Structure : Galvanized Steel

    Fan Blade : AL. ALLOY

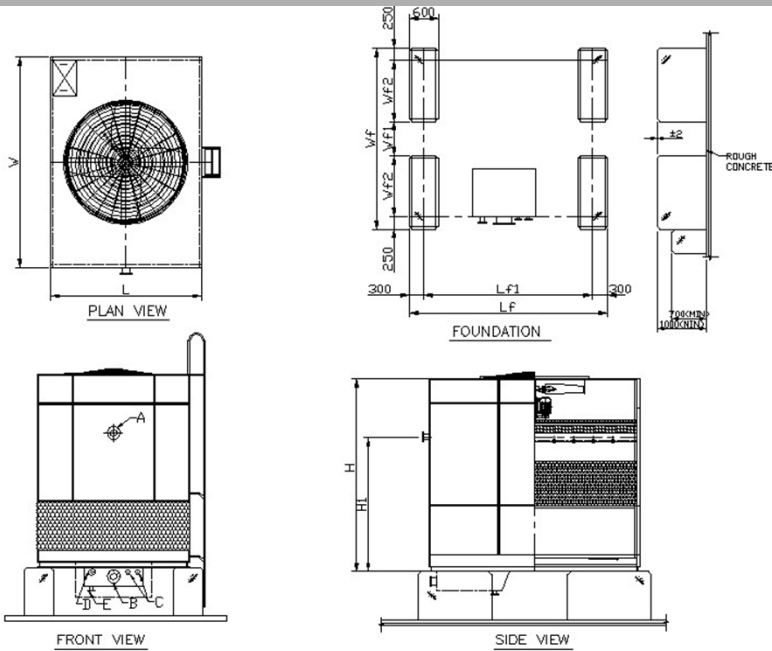
    Fill/Louver/Elminat or : P.V.C

## Two Side Open Air Inlet Type

1. When installing a cell inlet side can be changed 3 or 4. At this point the full height has been reduced
2. When installing two cell inlet side can be changed 3. At this point the full height has been reduced

## Single Cell Engineering Data

Model	CRT	Heat Load [Kcal/hr]	WATER FLOW [m <sup>3</sup> /h]	MOTOR (KW)	FAN DIA. [mm]	AIR VOLUME [CMM]	SHIPPING WEIGHT [kg]	OPERATING WEIGHT [kg]
OTTC-20L	20	78,000	15.6	0.5	600	275	359	518
OTTC-25L	25	97,500	19.5	0.75	600	177	370	529
OTTC-30L	30	117,000	23.4	1.5	600	218	381	540
OTTC-40L	40	156,000	31.2	0.75	770	275	530	796
OTTC-50L	50	195,000	39	1.5	770	345	541	807
OTTC-70L	70	273,000	54.6	1.5	1200	479	889	1,417
OTTC-80L	80	312,000	62.4	2.2	1200	557	900	1,428
OTTC-100L	100	390,000	78	3	1200	718	911	1,439
OTTC-125L	125	487,500	97.5	2.2	1500	716	1,710	2,865
OTTC-150L	150	585,000	117	3.7	1500	876	1,721	2,876
OTTC-175L	175	682,500	136.5	3.7	1800	1,022	2,312	3,845
OTTC-200L	200	780,000	156	5.5	1800	1,175	2,334	3,867
OTTC-225L	225	877,500	175.5	5.5	2000	1,300	2,708	4,428
OTTC-250L	250	975,000	195	7.5	2000	1,460	2,730	4,450
OTTC-275L	275	1,072,500	214.5	11	2000	1,436	3,427	5,451
OTTC-300L	300	1,170,000	234	11	2000	1,577	3,449	5,473
OTTC-S350L	350	1,365,000	273	15	2000	1,864	3,471	5,495
OTTC-350L	350	1,365,000	273	11	2400	1,864	3,956	6,420
OTTC-400L	400	1,560,000	312	15	2400	2,119	3,958	6,422
OTTC-450L	450	1,755,000	351	15	2400	2,383	4,999	7,894
OTTC-500L	500	1,950,000	390	18.5	2400	2,498	5,021	7,916
OTTC-550L	550	2,145,000	429	18.5	2600	2,744	5,902	11,182
OTTC-600L	600	2,340,000	468	22	2600	2,993	5,924	11,204
OTTC-700L	700	2,730,000	546	30	3000	3,495	6,427	12,367
OTTC-800L	800	3,120,000	624	30	3300	3,984	7,242	14,320
OTTC-900L	900	3,510,000	702	30	3600	4,474	8,155	16,471
OTTC-1000L	1000	3,900,000	780	45	3600	5,003	8,375	16,691
OTTC-1100L	1100	4,290,000	858	45	3800	5,503	9,213	18,360
OTTC-1200L	1200	4,680,000	936	55	3800	6,004	10,050	20,029
OTTC-1300L	1300	5,070,000	1014	55	4200	6,504	10,888	21,698
OTTC-1400L	1400	5,460,000	1092	75	4200	7,004	11,725	23,367
OTTC-1500L	1500	5,850,000	1170	55	4200	7,505	12,563	25,037
OTTC-1650L	1650	6,435,000	1287	75	4200	8,255	13,819	27,540
OTTC-1600L	1600	6,240,000	1248	55	4200	8,005	13,400	26,706
OTTC-1750L	1750	6,825,000	1365	75	4200	8,755	14,656	29,209



A	Hot Water Inlet	D	Over Flow
B	Cold Water Outlet	E	Drain
C	Make Up (Auto & Manual)		

## Single Cell Dimension Data

Model	LENGTH L[mm]	WIDTH W[mm]	HEIGHT[mm]		PIPE [A]					FOUNDATION [mm]				
			INLET PIPE	DECK	OUTLET	INLET	MAKE UP	DRAIN	OVERFLOW	Lf	Lf1	Wf	Wf1	Wf2
OTTC-20L	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-25L	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-30L	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-40L	1100	2400	1300	1900	80	80	15(A)	32	32	1650	1050	2650	500	575
OTTC-50L	1100	2400	1300	1900	80	80	15(A)	32	32	1650	1050	2650	500	575
OTTC-70L	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-80L	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-100L	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-125L	1750	3400	2000	2800	125	125	25(2)	50	50	2300	1700	3450	500	975
OTTC-150L	1750	3400	2000	2800	125	125	25(2)	50	50	2300	1700	3450	500	975
OTTC-175L	2050	3700	2300	3100	150	150	32(2)	50	50	2600	2000	3850	1000	925
OTTC-200L	2050	3700	2300	3100	150	150	32(2)	50	50	2600	2000	3850	1000	925
OTTC-225L	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	3850	1000	925
OTTC-250L	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	3850	1000	925
OTTC-275L	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-300L	2400	4400	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-S350L	2400	4400	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-350L	2800	4400	2900	4050	200	200	50(2)	80	80	3350	2750	4450	1000	1225
OTTC-400L	2800	4400	2900	4050	200	200	50(2)	80	80	3350	2750	4450	1000	1225
OTTC-450L	2800	5000	3600	4750	250	250	50(2)	80	80	3350	2750	5150	1500	1325
OTTC-500L	2800	5000	3600	4750	250	250	50(2)	80	80	3350	2750	5150	1500	1325
OTTC-550L	3200	5400	3700	5000	300	300	50(2)	80	80	3750	3150	5450	1500	1475
OTTC-600L	3200	5400	3700	5000	300	300	50(2)	80	80	3750	3150	5450	1500	1475
OTTC-700L	3600	5400	4000	5300	300	300	50(2)	80	80	4150	3550	5450	1500	1475
OTTC-800L	3900	6000	4125	5425	300	300	80(2)	100	100	4450	3850	5950	1500	1725
OTTC-900L	4200	6000	4125	5425	350	350	80(2)	100	100	4750	4150	6450	1500	1975
OTTC-1000L	4200	6000	4125	5425	350	350	80(2)	100	100	4750	4150	6450	1500	1975
OTTC-1100L	4600	6000	4625	6225	400	400	80(2)	100	100	5150	4550	6450	1500	1975
OTTC-1200L	4600	6000	4625	6225	400	400	80(2)	100	100	5150	4550	6450	1500	1975
OTTC-1300L	5150	6000	4625	6225	400	400	80(2)	125	125	5700	5100	6450	1500	1975
OTTC-1400L	5150	6000	4625	6225	450	450	80(2)	125	125	5700	5100	6450	1500	1975
OTTC-1500L	6000	6000	4625	6225	450	450	80(2)	125	125	6550	5950	6450	1500	1975
OTTC-1650L	6000	6000	4625	6225	450	450	80(2)	125	125	6550	5950	6450	1500	1975
OTTC-1600L	6000	6600	4625	6225	450	450	80(2)	125	125	6550	5950	7050	1500	2575
OTTC-1750L	6000	6600	4625	6225	450	450	80(2)	125	125	6550	5950	7050	1500	2575

위 Engineering 및 Dimension Data는 제품성능 향상과 개선을 위해 예고 없이 변경될 수도 있습니다.

# OTTC-S SERIES[Super Low Noise Open Counter Flow Type]

## Engineering Data Information

Temperature Condition : 37-32/27°C

Fan Type : Axial Fan

Fan Blade Type : Wide Airfoil

Nozzle Type : Low Pressure Spray

Driver System : V-Belt type

Motor Type : T.E.A.O

Material

Casing / Bain : Galvanized Steel

Structure : Galvanized Steel

Fan Blade : AL. ALLOY

Fill/Louver/Eliminator : P.V.C

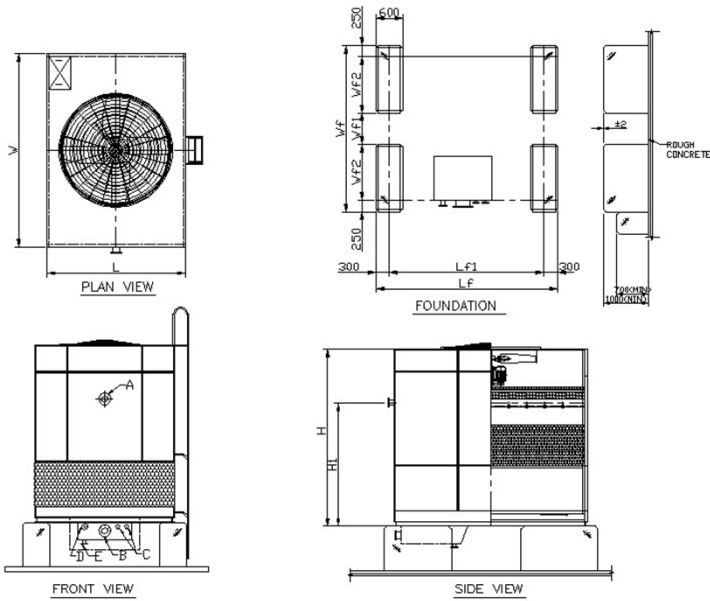
## Two Side Open Air Inlet Type

1. When installing a cell inlet side can be changed 3 or 4. At this point the full height has been reduced

2. When installing two cell inlet side can be changed 3. At this point the full height has been reduced

## Single Cell Engineering Data

Model	CRT	Heat Load [Kcal/hr]	WATER FLOW [m <sup>3</sup> /h]	MOTOR (KW)	FAN DIA. [mm]	AIR VOLUME [CMM]	SHIPPING WEIGHT [kg]	OPERATING WEIGHT [kg]
OTTC-15S	15	58,500	11.7	0.37	600	275	359	518
OTTC-20S	20	78,000	15.6	0.5	600	155	370	529
OTTC-25S	25	97,500	19.5	0.75	600	173	381	540
OTTC-30S	30	117,000	23.4	0.5	770	240	530	796
OTTC-40S	40	156,000	31.2	0.75	770	311	541	807
OTTC-60S	60	234,000	46.8	0.75	1200	432	889	1,417
OTTC-70S	70	273,000	54.6	1.5	1200	491	900	1,428
OTTC-80S	80	312,000	62.4	2.2	1200	647	911	1,439
OTTC-100S	100	390,000	78	1.5	1500	630	1,710	2,865
OTTC-125S	125	487,500	97.5	2.2	1500	737	1,721	2,876
OTTC-150S	150	585,000	117	2.2	1800	884	2,312	3,845
OTTC-175S	175	682,500	136.5	3.7	1800	1,029	2,334	3,867
OTTC-200S	200	780,000	156	3.7	2000	1,139	2,708	4,428
OTTC-225S	225	877,500	175.5	5.5	2000	1,317	2,730	4,450
OTTC-250S	250	975,000	195	7.5	2000	1,295	3,427	5,451
OTTC-275S	275	1,072,500	214.5	7.5	2000	1,388	3,449	5,473
OTTC-S300S	300	1,170,000	234	11	2000	1,681	3,471	5,495
OTTC-300S	300	1,170,000	234	7.5	2400	1,641	3,956	6,420
OTTC-350S	350	1,365,000	273	11	2400	1,911	3,958	6,422
OTTC-400S	400	1,560,000	312	11	2400	2,183	4,999	7,894
OTTC-450S	450	1,755,000	351	15	2400	2,329	5,021	7,916
OTTC-500S	500	1,950,000	390	15	2600	2,559	5,902	11,182
OTTC-550S	550	2,145,000	429	18.5	2600	2,825	5,924	11,204
OTTC-600S	600	2,340,000	468	18.5	3000	2,975	6,427	12,367
OTTC-700S	700	2,730,000	546	22	3300	3,593	7,242	14,320
OTTC-800S	800	3,120,000	624	22	3600	4,035	8,155	16,471
OTTC-900S	900	3,510,000	702	30	3600	4,371	8,375	16,691
OTTC-1000S	1,000	3,900,000	780	37	3,800	4,857	9,113	18,310
OTTC-1100S	1,100	4,290,000	936	45	3,800	5,342	9,950	19,979
OTTC-1200S	1,200	4,680,000	1,014	45	4,200	5,828	10,788	21,648
OTTC-1250S	1,250	4,875,000	1,092	55	4,200	6,071	11,625	23,317
OTTC-1400S	1,400	5,460,000	1,170	45	4,200	6,799	12,463	24,987
OTTC-1450S	1,450	5,655,000	1,287	55	4,200	7,042	13,719	27,490
OTTC-1500S	1,500	5,850,000	1,248	45	4,200	7,285	13,300	26,656
OTTC-1600S	1,600	6,240,000	1,365	55	4,200	7,771	14,556	29,159



A	Hot Water Inlet	D	Over Flow
B	Cold Water Outlet	E	Drain
C	Make Up (Auto & Manual)		

## Single Cell Dimension Data

Model	LENGTH L[mm]	WIDTH W[mm]	HEIGHT[mm]		PIPE [A]					FOUNDATION [mm]				
			INLET PIPE	DECK	OUTLET	INLET	MAKE UP	DRAIN	OVERFLOW	Lf	Lf1	Wf	Wf1	Wf2
OTTC-15S	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-20S	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-25S	900	1800	1300	1900	50	50	15(A)	32	32	1450	850	2050	500	275
OTTC-30S	1100	2400	1300	1900	80	80	15(A)	32	32	1650	1050	2650	500	575
OTTC-40S	1100	2400	1300	1900	80	80	15(A)	32	32	1650	1050	2650	500	575
OTTC-60S	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-70S	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-80S	1600	3300	1300	1900	100	100	25(2)	50	50	2150	1550	3450	500	975
OTTC-100S	1750	3400	2000	2800	125	125	25(2)	50	50	2300	1700	3450	500	975
OTTC-125S	1750	3400	2000	2800	125	125	25(2)	50	50	2300	1700	3450	500	975
OTTC-150S	2050	3700	2300	3100	150	150	32(2)	50	50	2600	2000	3850	1000	925
OTTC-175S	2050	3700	2300	3100	150	150	32(2)	50	50	2600	2000	3850	1000	925
OTTC-200S	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	3850	1000	925
OTTC-225S	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	3850	1000	925
OTTC-250S	2400	4000	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-275S	2400	4400	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-S300S	2400	4400	2900	4050	200	200	32(2)	50	50	2850	2250	4450	1000	1225
OTTC-300S	2800	4400	2900	4050	200	200	50(2)	80	80	3350	2750	4450	1000	1225
OTTC-350S	2800	4400	2900	4050	200	200	50(2)	80	80	3350	2750	4450	1000	1225
OTTC-400S	2800	5000	3600	4750	250	250	50(2)	80	80	3350	2750	5150	1500	1325
OTTC-450S	2800	5000	3600	4750	250	250	50(2)	80	80	3350	2750	5150	1500	1325
OTTC-500S	3200	5400	3700	5000	300	300	50(2)	80	80	3750	3150	5450	1500	1475
OTTC-550S	3200	5400	3700	5000	300	300	50(2)	80	80	3750	3150	5450	1500	1475
OTTC-600S	3600	5400	4000	5300	300	300	50(2)	80	80	4150	3550	5450	1500	1475
OTTC-700S	3900	6000	4125	5425	300	300	80(2)	100	100	4450	3850	5950	1500	1725
OTTC-800S	4200	6000	4125	5425	350	350	80(2)	100	100	4750	4150	6450	1500	1975
OTTC-900S	4200	6000	4125	5425	350	350	80(2)	100	100	4750	4150	6450	1500	1975
OTTC-1000S	4600	6000	4625	6225	400	400	80(2)	100	100	5150	4550	6450	1500	1975
OTTC-1100S	4600	6000	4625	6225	400	400	80(2)	100	100	5150	4550	6450	1500	1975
OTTC-1200S	5150	6000	4625	6225	400	400	80(2)	125	125	5700	5100	6450	1500	1975
OTTC-1250S	5150	6000	4625	6225	450	450	80(2)	125	125	5700	5100	6450	1500	1975
OTTC-1400S	6000	6000	4625	6225	450	450	80(2)	125	125	6550	5950	6450	1500	1975
OTTC-1450S	6000	6000	4625	6225	450	450	80(2)	125	125	6550	5950	6450	1500	1975
OTTC-1500S	6000	6600	4625	6225	450	450	80(2)	125	125	6550	5950	7050	1500	2575
OTTC-1600S	6000	6600	4625	6225	450	450	80(2)	125	125	6550	5950	7050	1500	2575