

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

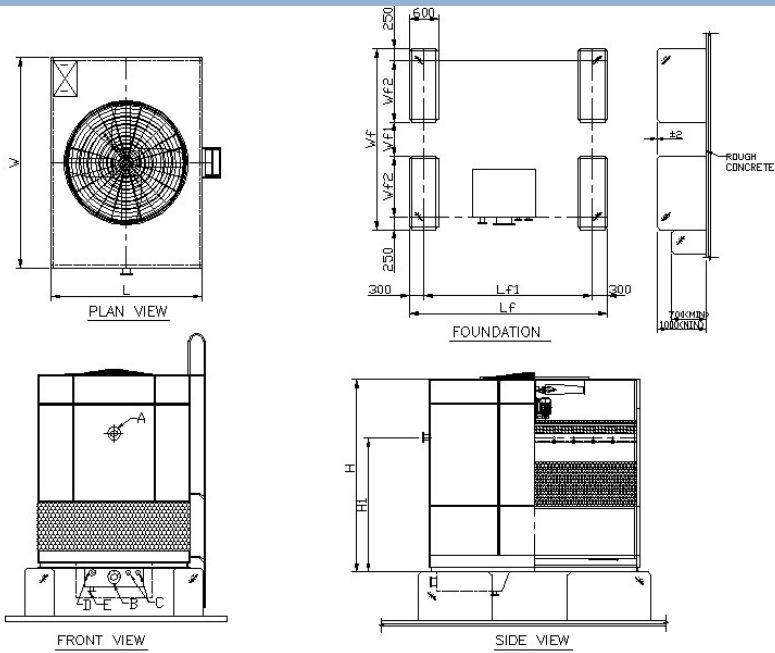
 Fill/Louver/Elminat or : P.V.C

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 ³ /h]	MOTOR (KW)	FAN DIA. [mm]	AIR VOLUME [CMM]	SHIPPING WEIGHT [kg]	OPERATING WEIGHT [kg]
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-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

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

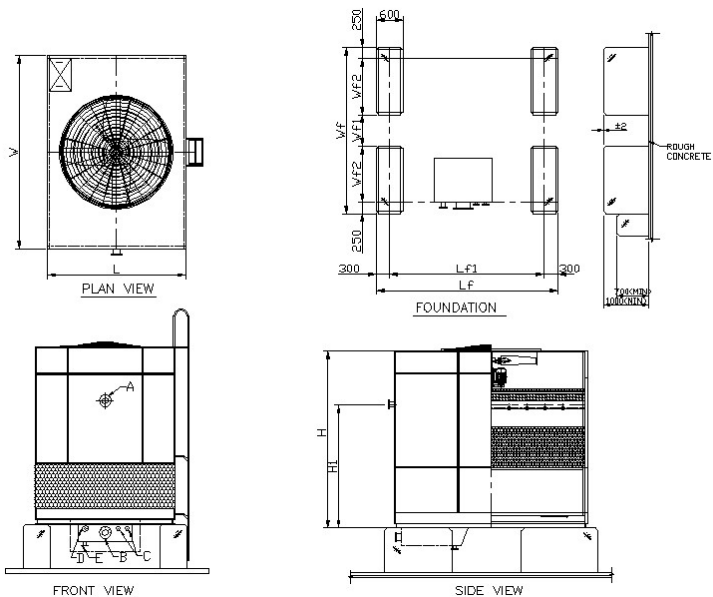
Two Side Open Air Inlet Type

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 ³ /h]	MOTOR (KW)	FAN DIA. [mm]	AIR VOLUME [CMM]	SHIPPING WEIGHT [kg]	OPERATING WEIGHT [kg]
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-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