



The structure of CEF forced draft counter flow square type cooling tower



The materials of CEF forced draft counter flow square type cooling tower

	stand	sand	options								
frame ladder	stainles	n steel	55 316	stairiess steel							
internal frame	G.L	\$5 304	\$\$ 316	Q.L							
motor rack	61										
razzie	quality PVC										
filing	quality PVC										
drift eliminator											
casing	55 334 sa	55 304 sandwich board		Galvanized Mg-A sandwich board							
water basin			1.204								
fan stack	15 304										
fange	cent iron										
air flow distributor	55 304										



Product Profile

CEF series locad induced stainless sheel counter flow isquare type cooling tower is an innovative product designed with the advanced theoremat exchange technology, scientific management on production and the environmental filendy principle by SIANO, after decades of experience in the design, manufacture, application, and maintenance.

Channing fruor patients, CDF teness cooling tower is not only having high reficiency in heat exchanging but also having granice dreaking optime in the short angular ad tructure of the cooling tower. Companying to the FTP product within is non-degradate and clanger to the environment and health, CEF andres cooling tower adopt qualified 204 italiness stells for the timer and casing parent, which is in recolation. The most innovative design is to tage the power transmission unit and the fits involve the cooling tower, which effectively control the noise and conversionly repair and marinant the cooling tower.

The forced dust air raises speared every through the parented JA Fiber Distributer and the table space, efficitivity imaging full case of the files and indication that air distribute parent and income the state of the direct simplify and restriant the brees of algous bacteria and Legionellis. The diffe eliminator in top control the differ tops less than 0.0000 KT of events fines. The breesh is nine and the uniform bottle bacteria and the amount can be assembled together heavy. The long distance between the air initial and the air outlet reduces the thermal refut to advise the advise participants.

CEF series cooling tower has artistic appearance, multiple assembly, effective heat exchange, low noise, small foor space, light weight, environmental friendly, energy saving, easy maintenance, long life and various application.

Fan Driving System

The undereash lan driving system (Pistent No. 97 2000617) effectively reduces the operation noise transmission. With the TEAD muto, stanless site fair, process tell transmission device and quality beit, the fair transmission system operates more stable and reliable. The streamlined fair stak reduces the air coded pressure and saves the energy.





Air Flow Distributor (patent)

Made of quality 304 stainless steel and processed by the customized machine, the air flow distributor is durable and milable. It can collect the cooling water and distribute the fresh air to each comer effectively, to ensure the air to fully mix with the water inside the tower.

Characteristics

Casing Panel

CEF Series cooling tower adopts complex casing panels as sandwich with 304 stainless steel as inner and outer walls and Polyurethane foam inside, which improve the intensity, the appearence, the administration and noise reduction.

Frame

Modular frame of the same height is made of stainless steel by mechanical equipment and mode, which ensures the standard quality. It can be installed in single cell or multiple cells.



Filing

Vacuum formed and made of quality and fre resistant PVC with UV protection additives. No glue sticking, environmental friendly, easy disassembly. The continuous structure effectively maintains the water film on the fill and excellent heat exchange.





YKN Series Noccie

The square effective variable water flow noccle designed by SINICO, unformly derivates the cooling water to the fill. Large onfice design without movable accessories inside is free of clogging, easy mainterance, low resistance and improves the efficiency of heat exchanging.





Water Basin

The sealed water basin can keep the contaminant away from cutofics, notice the notice of the dropping water and avoid the direct surright to restmin the bread of algous bacteria and Legionela. The huge volume and high, water level design can prevent the water evacuation which may distuib the normal operation of the air-conditioning.

S Shape Eliminator

Quality S shape eliminator on the top has better drift elimination, less air resistance and reduces the drift loss less than 0.001% of the water flow rate.





ECEF Forced Draft Counter Flow Square Type Cooling Tower Specification

specification films autor from out model to [1/16]				Section of a	are best	Table a star			weight		
		Canada -	000		- controls	Now rank				with subject of	ander seit
CRF 232336-2.2	85	429	2.2	1458	4.6	6.9	2900	2300	3800	950	1900
CEF-232309-3	83	405	3	1458	4.6	1.0	2900	2300	3800	088	1008
CEF-232508-4	904	500		1458	4.6	1.1	2300	2300	3800	1007	1967
CBP-232338-5.5	106	629	5.5	1458	4.6	12	2300	2300	3800	1018	1268
CEF-262608-3	100	941	3	1298	4.6	1.2	3600	2600	3800	1050	2700
CEF-363636-4	195	500		1298	4.6	1.2	3600	2000	3800	9002	2542
CEF-262638-5.5	138	642	5.5	1298	4.6	1.4	2600	2000	3800	1111	2161
CEF-363636-7.5	135	079	7.5	1798	4.6	1.8	3600	2000	3800	1122	2172
CEF-363038-4	944	729	4	2409	4.6	1.6	3000	3000	3800	1330	2429
CEF-303000-5.5	100	900	0.5	2400	4.6	1.8	3000	3000	3800	1254	201N
CET-368036-7.5	171	855	2.5	2409	4.0	1.9	3000	3000	3800	1300	2090
CEP-363036-11	190	900	91	2409	4.6	2.0	3000	3000	3800	1314	2794
CE7-343438-5.5	197	965	5.5	2140	4.6	2.2	3400	3400	3800	1430	3514
CEF-343436.7.8	264	1060	75	2240	4.6	24	5400	3400	3800	1434	3678
CEF-343438-11	226	1127	11	2743	4.6	2.6	3400	3400	3800	1900	3597
CE7-343438-15	257	1185	15	2140	4.6	2.0	3400	3400	3800	1514	3008
CE7-363636-5-5	234	1155	5.5	3290	4.6	2.5	3800	3800	3800	1580	3680
CEF-383838-7.5	253	1265	7.5	3200	4.6	2.8	3800	3800	3800	1648	2018
CEF-363636-11	234	1372	*1	3220	4.6	10	3800	3800	3800	1967	3997
CEF-363638-15	289	1666	15	3290	4.6	3.2	3400	3800	3800	1675	3778
CEF-404230-7.5	242	1410	2.5	3200	4.6	3.1	4200	4300	3800	1972	10/9
CEF-404258-51	318	1585	91	5290	4.6	3.5	4200	4300	3800	2056	2018
CEF-404238-15	330	1675	18	3200	4.6	3.7	4200	4300	3800	2007	2087
CEF-434258-18.5	261	1754	18.5	3000	4.6	2.9	4300	4300	3800	2060	2008
CEF-484838-11	401	2004	81	3658	4.6	4.4	4800	4000	3800	2690	6230
CEF-464838-15	430	2121	10	3654	4.6	4.7	4800	4800	3800	2729	6718
CE7-464830-18.5	449	2245	18.5	2058	4.6	4.9	4800	4800	3800	1542	6797
CEF-484838-22	40	2542	22	3658	4.6	6.2	4800	4000	3800	2758	6808
CEF-525238-11	435	1780	11	2658	4.6	4.8	6200	8200	3800	2990	0005
CEP 625236-15	438	2990	- 15	3658	4.6	5.5	5200	5300	3800	3014	2079
CEF-525230-18.5	014	2509	18.5	3658	4.6	8.7	6200	5200	3800	3000	7100
	541	2754	22	3658	4.6	1.0	6200	8300	3800	3045	Pas
CEP 606038-15	576	2580	- 15	4140	4.6	6.3	6000	6000	3800	3650	8290
CEF-606008-18.5	610	3050	18.5	4140	4.6	6.7	6000	6000	3800	3734	800H
CET-606008-22	645	3025	22	4140	4.6		0000	0000	3800	3755	8095
CEP-606038-30	730	3600	30	4140	4.6	10	6000	6000	3800	3796	8406
CE7-666606-22	700	2640	22	4540	4.6	8.7	6800	6800	3800	\$305	10795
CEF 4846838-30	832	4162	30	4540	4.6	92	6800	6800	3800	6400	10800
CEF-686828-37	679	4290	37	4540	4.6	0.7	6800	6800	3800	5480	10990
CE7-686638-45	525	4524	-45	4540	4.6	90.2	6800	6800	3800	5491	100011
CEF-767636-30	524	4521	30	4800	4.6	90.2	7600	7000	3800	8630	12730
CEF-767608-37	990	4050	37	4800	4.6	10.9	3600	2600	3800	0044	12944
CEF-367638-45	1050	5250	45	4800	4.6	11.6	3600	2000	3800	9885	12965

• Note:

Track. 1. The cooling capacity is designed on the condition: water in temp. #37°C, water out temp. # 32°C, WB = 28°C, atmospheric pressure = 59.4 MPa.

pressure = 92.4 kms. 2. Options of condition: water in temp. = 42 °C, water out temp. = 32 °C or water in temp. = 60 °C, water out temp. = 35 °C.

3. Options of cells: single cell or multiple cells

CEF Forced Draft Counter Flow Square Type Cooling Tower Dimension

southering laws													connection also			
endine .	1.1	1.2	1.5	1.4	1.5	1.0	1.7	1.0	LD	н	water	water	outer.	-	INC.	-
CEF 333106.2.2	2240	1120	300		400		130	700	400	400	105	125	40	25	25	- 40
CEF-232306-3	2240	1120	300	1	900	1	130	300	400	400	105	125	50	25	25	- 40
CET.332106.4	2242	1120	300		400		130	700	400	400	105	125	40	25	25	40
CEF-232328-5.5	2240	1122	300		900		130	300	400	400	125	125	50	25	20	40
CEF-242404-3	2540	1229	200		900		130	300	400	400	105	125	50	25	25	40
CEP DEDE38-4	2840	1279	300		900		130	700	400	400	105	125	50	25	25	40
CEF-262636-5.5	2540	1299	300		900		130	700	400	400	105	125	59	25	25	40
CEF 363636.7.5	2040	1279	300		900		130	300	400	400	105	125	50	25	25	40
CEF-303038-4	2645	1472	300		900		130	700	400	400	158	150	50	25	25	50
CE7-383038-5.5	2545	1479	300		900		130	700	400	400	150	150	50	25	25	00
CEF-303008-7.5	2940	1470	300		900		130	300	400	400	158	190	50	25	25	50
CEF-303008-11	2542	1479	300		900		130	300	400	400	158	950	50	- 25	25	50
CEP-343438-5.5	3342	1672	300		900		130	700	400	400	298	200	80	25	25	50
CEF-343436-7.5	3340	1679	300	1	900	1	430	300	400	400	298	200	50	15	25	-50
CEF 343436-11	3340	1629	300		900		130	730	400	400	208	300	80	25	25	50
CEF-343438-15	3340	1679	300	1	900		130	700	400	400	298	300	80	15	25	50
CEP-363606-5.5	3740	1820	300		1155		130	700	400	400	298	300	80	25	25	90
CEF-383838-7.5	3340	1872	300	1	1155		130	700	400	400	298	200	90	25	25	- 50
CEF-363636-11	3540	1879	300	1	1155	1	130	700	400	400	208	200	80	25	28	50
						1	130	700	400					25	25	50
CEF 434256-7.5	4140	2079	300	1	1300	1	130	700	400	400	150-2	250	80	25	25	50
CEP 404058-11	4140	2079	200		1330		130	700	400	400	150-2	250	80	25	25	50
CEF 404236-16	4140	2073	300	1	1330		130	700	400	400	180-2	210	80	25	20	50
CELEMONT	4545	1580	200	-	1300	1	130	100	410	410	2004	250	100			-
CEF 4MADA IN	4740	1580	300	1	1330	1	130	300	400	400	200-2	290	100	50	80	80
	4742	1500	202		1300		130	100	410	410	100-2	250	100	50		- 10
CET AMANA 22	4740	1580	100	1	1330	1	130	100	400	400	200-2	240	180	40	- 10	80
CER. 01010.01	1141	1713	-		900	800	147	120	410	200	100-0	200	185		- 10	- 10
N.MORATO	6145	1753	100	400	400	800	147	330	400	600	208+2	300	180	43	40	80
CER. 418110.18.1	8145	1713	100	400	900	800	147	120	400	300	100-1	300	185	44	- 10	- 10
10.0100.000	6145	1713	-	900	900	600	147	200	410	500	200.0	300	183	53	50	- 40
CEF 606038-18	1042	1000	300	1000	900	800	200	880	080	500	200+2	300	100	9.0	90	80
CEF-608008-18.5	5542	1990	200	1000	900	644	255	685	140	500	200.0	300	185		40	- 85
C## 404016-22	1540	1940	300	1000	900	800	200	880	180	500	200-2	300	100	40	- 10	- 40
CEF 608008-30	5940	1990	200	1000	900	800	200	680	585	500	298-2	300	102	50	50	- 60
CEF 486836-22	6743	2246	300	1300	400	1000	200	1010	710	500	298+3	360	180	50	50	80
CEF 484438-30	6742	2245	300	1300	800	1000	200	1010	712	500	2201-2	350	102	50	50	80
007-666606-37	6740	22+6	200	1300	800	1000	200	9010	792	500	299-0	350	100	50	50	- 60
CEF 686838-45	6740	2246	300	1300	800	1000	200	1010	710	500	200+3	380	100	0.0	50	80
CEF-767638-30	7540	2513	300	1400	800	1000	200	9010	790	500	298-3	350	180	58	50	- 80
CEF-363636-37	7545	2513	300	\$400	800	1000	300	9010	710	000	200+3	380	100	60	50	80
CEF-107036-45	7540	2513	300	1400	800	1000	200	9010	795	500	298-3	350	180	50	50	- 60
CEF.363636-55	7545	2513	300	\$400	800	1000	200	9010	710	800	200x3	380	185	53	80	80