

MEHRASL

MANUFACTURING CORPORATION

Cooling Tower Cross Flow

Square Type Cooling Tower



CT 9402



CFA Series Specifications

Structure:

Structure of the cooling towers are made of high quality hot dip galvanized steel sheets in suitable thickness & casing made of strengthened fiber glass which is sun light resistant. Other parts are made of P.V.C, A.B.S, and F.R.P or galvanized steel which are coated with electro static paint.

Cooling elements:

Cooling elements are made of P.V.C and formed in cellular form to improve the heat rejection.

Electromotor:

Electromotor used with the cooling towers are class IP54 (humidity resistant) and heat rejection class F. Mostly the electromotors used with the towers are Motogen trademark because of their variety in the market. Simens electromotors are also available upon request.

Fans:

The fans used with the cooling towers are manufactured by MEHR ASL Co. and they are axial fans with four aluminum blades used, the fan is coupled to the electromotor by belt and poly.

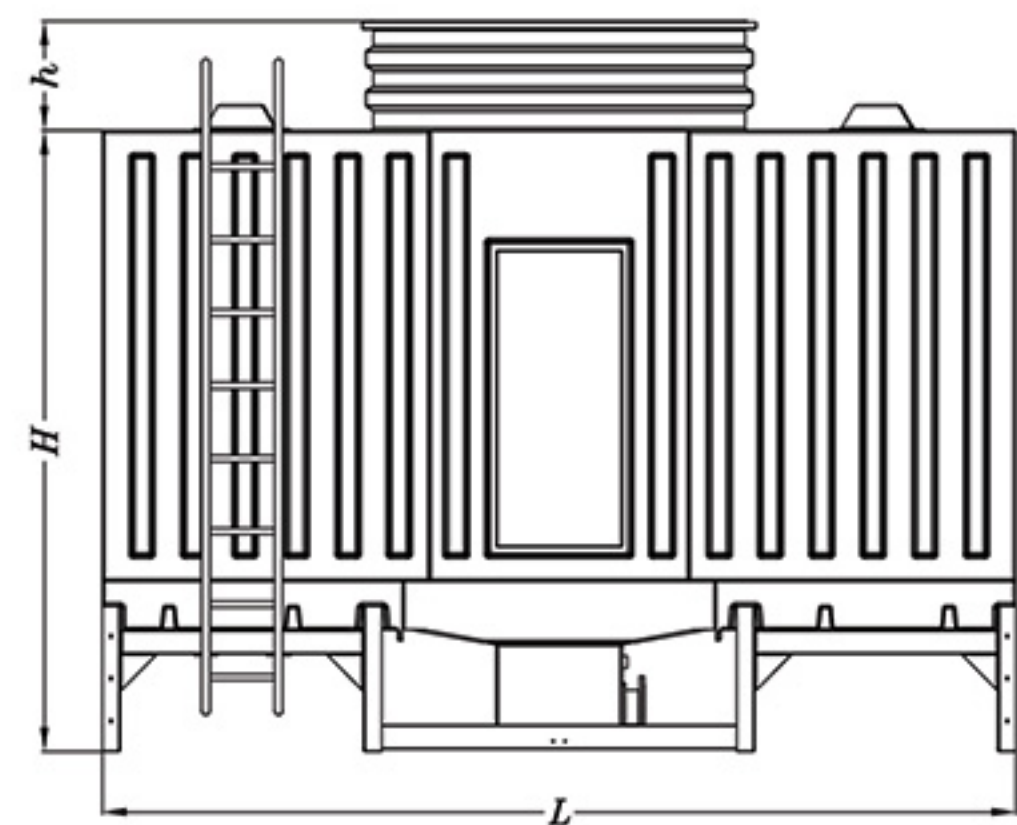
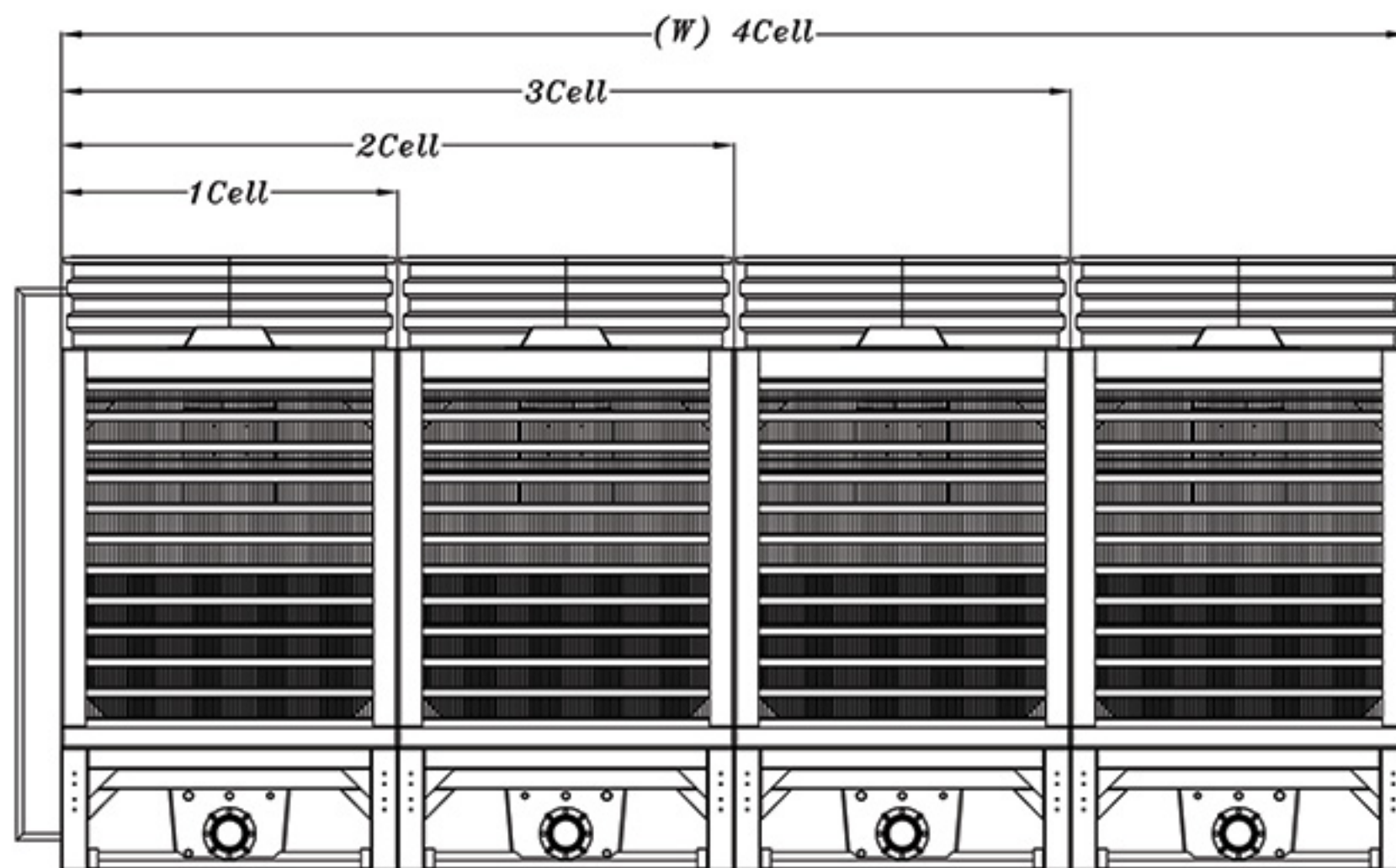
توجه: این مجلد برای اطلاعات عمومی کاربر می باشد و استفاده غیر مجاز و نقل کلیه مطالب این مجلد بدون اخذ مجوز کتبی از شرکت مهر اصل غیر قانونی است. مشخصات فنی بدون اطلاع قبلی قابل تغییر هستند و در موارد قراردادی می بایستی برای هر موردی تاییده کتبی از مهر اصل اخذ شود.

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MEHRASL COOLING TOWER CROSS FLOW

Performance data :

MODEL	Nominal Capacity [TR]	Nominal Water Flow [G.P.M]	Fan			Dimensions[mm]				Weight[kg]		Pipe Connections[inch]				CELL
			Qty × Motor Power [KW]	Qty × DIA [m]	Nominal air flow [CFM]	Height [H]	Length [L]	Fan Casing height[h]	Width [W]	DRY	OPER	Inlet Out [in]	over flow [in]	Quick Fill [in]	Float Valve [in]	
CFA0090-B	90	270	1×2.2	1×1.5	19000	2555	3760	445	1645	1060	1775	5	1 1/4	3/4	1	1
CFA0125-B	125	375	1×3	1×1.5	24000	2555	3760	445	1645	1080	1800	5	1 1/4	3/4	1	
CFA0160-B	160	480	1×4	1×1.7	33000	2555	3960	345	1900	1400	2100	5	1 1/4	3/4	1	
CFA0180-B	180	540	1×5.5	1×1.7	38000	2555	3960	345	1900	1420	2130	5	1 1/4	3/4	1	
CFA0220-B	220	660	2×3	2×1.5	44000	2555	3760	445	3290	2160	3600	6	1 1/2	1	1 1/4	2
CFA0250-B	250	750	2×3	2×1.5	48000	2555	3760	445	3290	2165	3610	6	1 1/2	1	1 1/4	
CFA0290-B	290	870	2×4	2×1.7	62000	2555	3960	345	3800	2795	4190	6	1 1/2	1	1 1/4	
CFA0370-B	370	1110	2×5.5	2×1.7	79000	2555	3960	345	3800	2845	4270	6	1 1/2	1	1 1/4	
CFA0430-B	430	1290	3×4	3×1.7	93000	2555	3960	345	5700	4190	6280	8	2	1 1/4	1 1/2	3
CFA0500-B	500	1500	3×5.5	3×1.7	103000	2555	3960	345	5700	4205	6310	8	2	1 1/4	1 1/2	
CFA0540-B	540	1620	3×5.5	3×1.7	114000	2555	3960	345	5700	4260	6390	8	2	1 1/4	1 1/2	
CFA0650-B	650	1950	4×4	4×1.7	134000	2555	3960	345	7600	5600	8400	10	2 1/2	1 1/2	2	4
CFA0750-B	750	2250	4×5.5	4×1.7	160000	2555	3960	345	7600	5700	8540	10	2 1/2	1 1/2	2	



CLOSED CIRCUIT COOLING TOWERS

Coil:

The unit includes two unit of tube heat exchanger (without aluminum fins) with copper tubes Of 16mm in diameter, which have been supported by galvanized tube sheet on both sides.

Pump:

The unit includes two pumps which circulated the cooling water between the reservoir and Spray nozzles.

Spray nozzles:

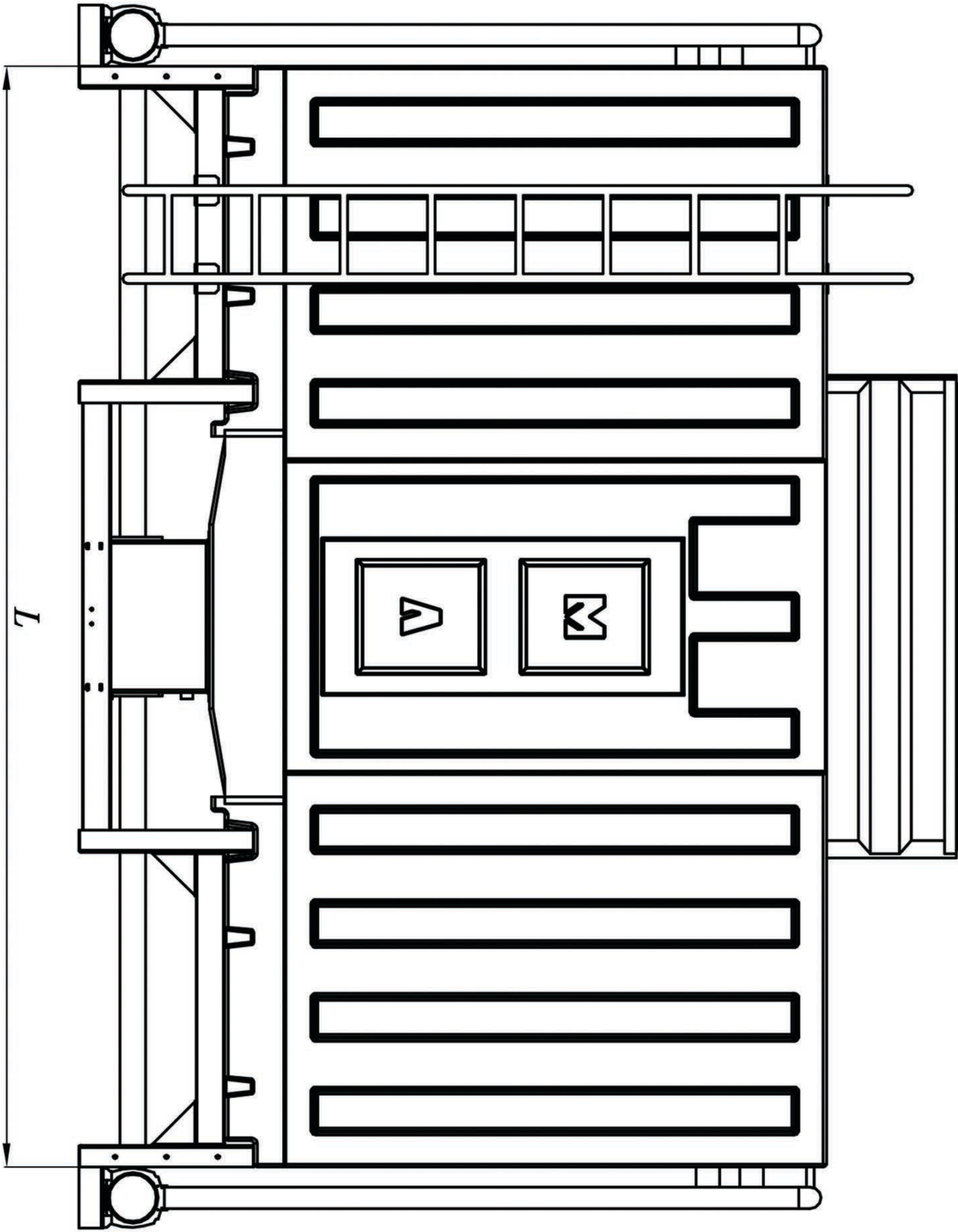
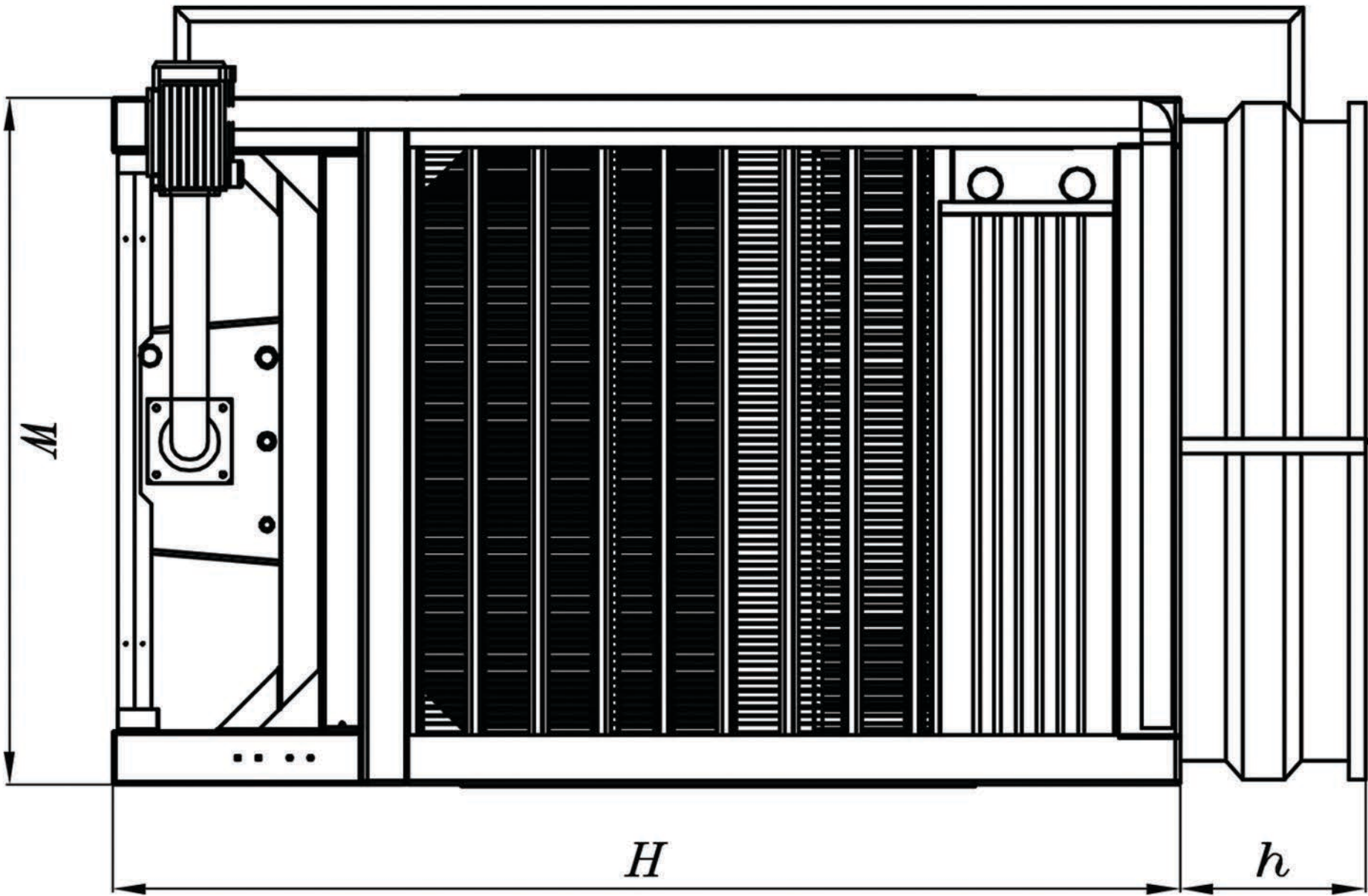
The Spray nozzles are mounted on top of the cooling tower and the cooling water is directed To the nozzles by steel tubes.

Eliminator:

The eliminator is made of aluminum and prevents water drop lets from spraying out of cooling tower.

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			Height [H]	Length [L]	Fan Casing height[h]	Width [W]	DRY	OPER	Inlet Out [in]							
CFA0090-C	90	270	1×2.2	1×1.5	19000	2555	3760	445	1645	1250	2070	2*3	1 1/4	3/4	1	1
CFA0125-C	125	375	1×3	1×1.5	24000	2555	3760	445	1645	1270	2090	2*3	1 1/4	3/4	1	
CFA0160-C	160	480	1×4	1×1.7	33000	2555	3960	345	1900	1620	2450	2*4	1 1/4	3/4	1	
CFA0180-C	180	540	1×5.5	1×1.7	38000	2555	3960	345	1900	1640	2480	2*4	1 1/4	3/4	1	



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این قسمت را با بار کدخوان موبایل اسکن کنید!



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