

# HAISAN EVAPORATIVE CONDENSERS



With our innovative internally equalised and sloping surface are functioning as condensing surface and higher efficiency.

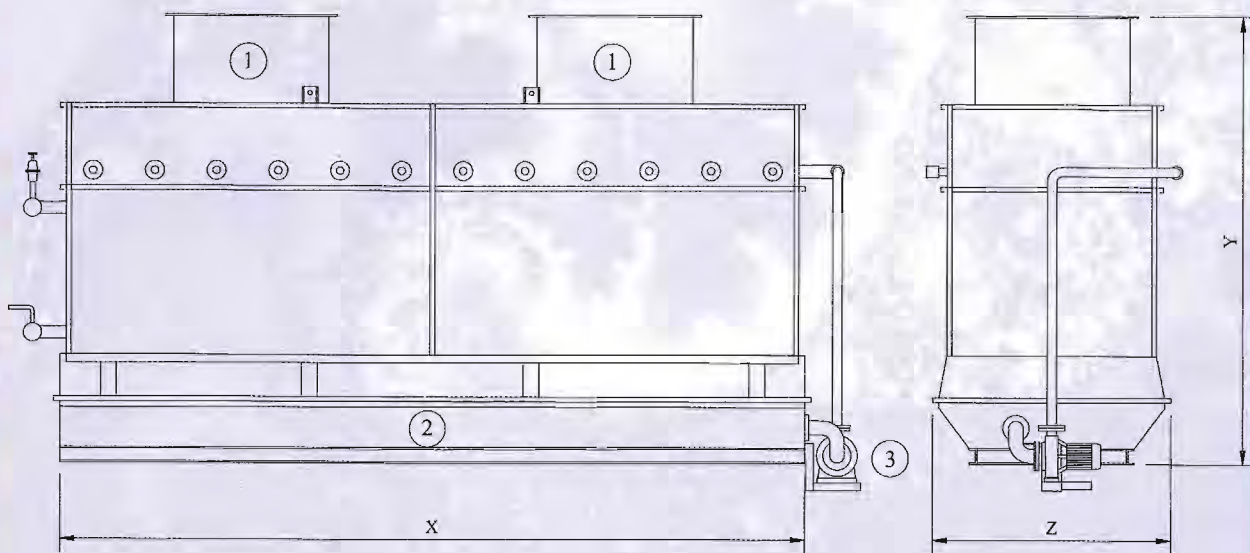
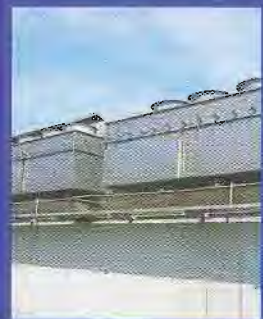
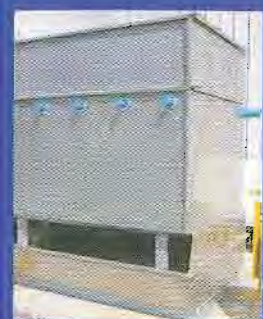
Our condenser coils are manufactured from Heavy Gauge Pipes (1" nominal bore ) to B.S. 1387:1985. (Test Pressure 700 psi )with wall thickness of 3.25mm. This extends the life of the condenser considerably over conventional NB 20 tubes with a mere 1.5mm wall thickness.

Our coils are hot-dipped galvanised after manufacture to B.S.729:1971. Condenser casings and water basins are constructed from stainless steel AISI 304 ( as standard ), which offers the ultimate in corrosion protection.

Our condensers are built up of multiple coil banks and joined by common headers outside the condenser which enables any single coil bank to be isolated in the event of leakage ( without scrapping the entire condenser ).

Our Induced Fan draft design minimises air recirculation as well ugly casing leaks due to prevailing negative air pressure inside the casing.

Low speed direct driven fans with stainless steel AISI 304 motor shaft as standard. Absence of Fan Fan Belts totally eliminates Fan Belt problems. Our special non-cloggable water spray tree design saves water and enables us to "do-away" with the troublesome spray nozzles.



① AXIAL FAN

② DRAIN PAN

③ WATER PUMP

Item		Model EC										
		100S	150S	200S	300S	400S	500S	600S	800L	1000L	1200L	1400L
Base Heat Rejection, Q <sub>N</sub> (kW)		103	155	206	310	412	514	618	822	1029	1200	1372
FANS	Air Flow (m <sup>3</sup> /sec)	2.46	3.3	4.0	8.3	8.8	9.1	15.8	16.8	25.0	30.2	35.0
	Motor (nos. x kW)	1 x 1.0	1 x 1.5	1 x 2.2	1 x 3.7	1 x 3.7	1 x 4.0	2 x 3.7	2 x 3.7	3 x 3.7	3 x 5.5	3 x 5.5
PUMPS	Water Flow (L/S)	1.6	3.3	3.3	4.1	6.3	6.6	13.3	13.3	20.8	20.8	21.3
	Motor (kW)	0.4	0.75	0.75	0.75	1.5	1.5	2.2	2.2	3.7	3.7	4.0
DIMENSIONS	Length (mm) (X)	3300	3300	3300	3300	3300	3300	3300	4720	4720	4720	4720
	Width (mm) (Z)	500	700	900	1500	1800	2100	2600	2300	2300	2410	2520
	Height (mm) (Y)	2800	2800	2800	2800	2800	2800	2800	2800	3025	3025	3025
WEIGHT	Dry (kg)	1250	1750	2250	3100	3800	4850	5600	7300	8300	9400	9800
	Operating (kg)	1600	2250	2900	3990	4950	6270	7380	9490	11000	12220	12750

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