



**FLAKE ICE & REFRIGERATION
SYSTEMS PRIVATE LIMITED**



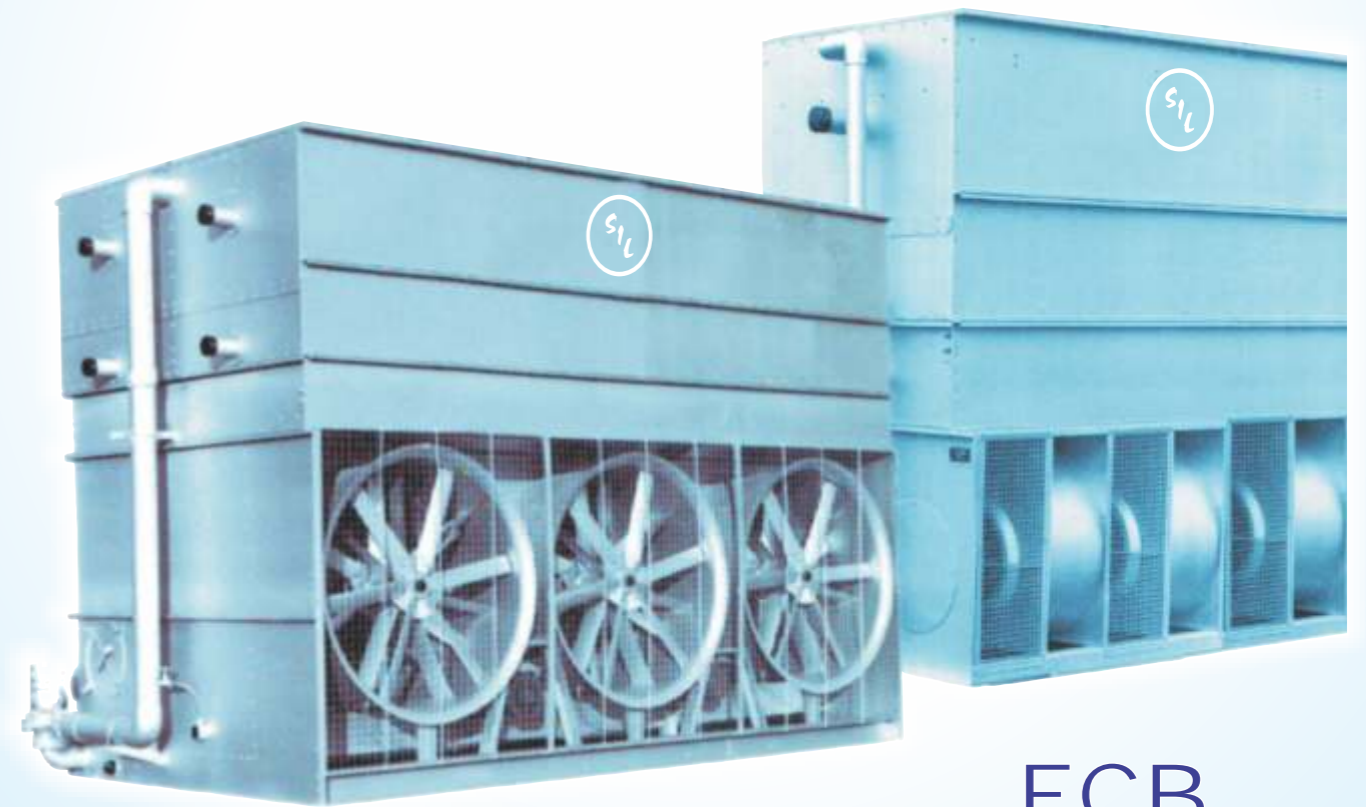
OTHER PRODUCTS

- Cold Room
 - a. Evaporators
 - b. Condensing units (Air cooled / Water cooled)
 - c. Puf Panels
- Chillers
 - a. Falling Film
 - b. PHE
 - c. Shell & Tube
- Ice Machines
 - a. Flake Ice
 - b. Tube Ice
 - c. Liquid Ice
- Freezers
 - a. Blast
 - b. Belt
 - c. IQF
- Entertainment
 - a. Ice Skating Rink
 - b. Snowing.



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SYSTEMS PRIVATE LIMITED**

Evaporative Condensers



ECA

ECB

41, First Floor, Empire Building, 136 Dr. D. N. Road, Fort, Mumbai - 400 001.
Tel: 91-22-2207 3663 / 3657 / 58 / 56, Fax 91-22-2205 7454,
Email : geneglanceindia@vsnl.net | www.firspl.com

Factory : Plot No. F48, Murbad Industrial Area, MIDC, Taluka : Murbad,
District : Thane Tel : 91-02524-697 620 Fax : 91-02524-223 661

Forced Draft Centrifugal - SIL ECB Type

MODEL NO.	BASE HEAT REJ. (KW)	WEIGHT		AIR FLOW (m³/h)	FAN MOTOR (kw)	WATER FLOW (l/s)	PUMP MOTOR (kw)	HEIGHT mm	DIMENSION W x L mm
		FAN SECTION (kg)	COIL SECTION (kg)						
ECB 101	175	300	800	16000	3.70	11	1.5	2200	1360X2000
ECB 201	275	600	1300	26000	5.50	11	1.5	2600	1360X2500
ECB 301	475	1000	1950	37000	7.50	14.5	2.2	2600	1360X3600
ECB 302	600	1000	2450	47000	9.30	19.1	2.2	3100	1360X3600
ECB 401	800	1100	2850	56520	11.0	32.8	3.7	3100	1500X3600
ECB 501	950	1200	3200	78840	15.0	32.8	3.7	3100	1925X3600
ECB 502	11502	1200	3500	78840	15.5	32.8	3.7	3100	1925X3600

Forced Draft Axial Fan - SIL ECA Type

MODEL NO.	BASE HEAT REJ. (KW)	WEIGHT		AIR FLOW (m³/h)	FAN MOTOR (kw)	WATER FLOW (l/s)	PUMP MOTOR (kw)	HEIGHT mm	DIMENSION W x L mm
		FAN SECTION (kg)	COIL SECTION (kg)						
ECA 101	175	400	800	16000	3.70	11	1.5	2550	1360X2000
ECA 201	275	700	1300	26000	5.50	11	1.5	2850	1360X2500
ECA 301	475	1100	1950	37000	7.50	14.5	2.2	2850	1360X3600
ECA 302	600	1100	2450	47000	9.30	19.1	2.2	3250	1360X3600
ECA 401	800	1200	2850	56520	11.0	32.8	3.7	3350	1500X3600
ECA 501	950	1300	3200	78840	15.0	32.8	3.7	3450	1925X3600
ECA 502	11502	1300	3500	78840	15.5	32.8	3.7	3450	1925X3600

CONSTRUCTION DETAILS:

Our evaporative condensers are factory assembled with standardized parts manufactured / bought from other manufacturers of very high quality. All the steel parts are hot dip galvanized and all the cut parts are zinc primer applied before assembling.

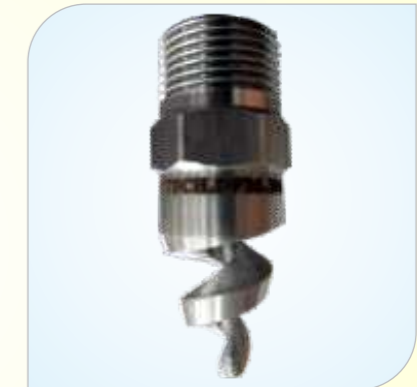


CONDENSING COIL

The condenser coil is factory assembled from high quality steel tubing. These coils are tested with the design pressure of 2.5 Mpa / 25 bar air pressure. These coils are staggered in such a way so that the condensed liquid can freely drain. This coil is encased by proper steel frame work with necessary supports to avoid vibration. The frame structure as well as coil is completely galvanized with necessary anti corrosive quote on the same.

WATER SPRAY SECTION

Galvanized water tank is fitted over the coil section with necessary GI pipe along with highly efficient nozzle can throw the water around 360 degree angles. These nozzles are specially designed so that it can work at the pressure of 2 bars with a delivery starting from 60 l / min. To 170 l / min. these nozzles are non-clog easily dismantable for cleaning.



FAN SECTION

Heavy duty aluminium axial fan have been selected to have a saving on the hp. Clearance between the tube and the fan plates has been maintained strictly in order to have a laminar flow. These fans are normally fitted directly with the motor.

MIST ELIMINATORS

Mist Eliminators Efficiently removes the moisture coming out with the air stream. Non - corrosive ABS material which withstand higher ambient temperature.

