

# ECO<sup>TM</sup>



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# CHILLER



# ECO Chiller

Air Conditioning  
Heating  
Smart Solutions

Refrigeration  
Ventilation  
Energy

## Who We Are

**ECO CHILLER** is a leading company specialized in the manufacture of refrigeration and air conditioning equipment's, Which was founded in 2014.

**ECO CHILLER** offers all the appropriate solution and innovates new solutions with the aim of saving energy.

**ECO CHILLER** provides refrigeration equipment's from 1 ton to 340 tons of refrigeration using scroll, reciprocating and screw compressors.

**ECO CHILLER** uses the latest technology to provide all the necessary protection for the equipment's and the entire system.

**ECO CHILLER** produces condensing units ranging from 5 tons to 50 tons of refrigeration using scroll compressors that work with high efficiency even in bad climatic condition.

**ECO CHILLER** produces air handling units from 2025 CFM to 20250 CFM with external static pressure up to 4 in.wg, all types of filter can be used such as aluminium filters from G2 to G4, BAG filter from F7 to F8, HEPA filters H13 and H14.

## Contact Us

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**SCROLL Chiller (1 & 2)**

Model : EACCXXXP

Range : from (5)ton - to (96)ton

5-6

**RECIPROCATING Chiller (1 & 2)**

Model : EACCXXXP

Range : from (20)ton - to (192)ton

7-8

**SCREW Chiller (1 & 2)**

Model : EACCXXWXP

Range : from (54)ton - to (340)ton

9-10

**CONDENSING UNITS (1 & 2)**

Model : ECUXXSXP

Range : from (5)ton - to (50)ton

11-12

**AIR HANDLING UNITS(1 & 2)**

Model : EAUXXSXP

Range : from (2025)Cmf - to (20250)Cmf

13-14

**OUR PRODUCTS**

A set of Photos arranged  
for all Products

MODEL	EACC18S1P	EACC28S1P	EACC35S1P	EACC42S1P	EACC70S2P	EACC84S2P	EACC105S3P
POWER SUPPLY	380/3/50						
CASING	STEAL WITH ELECTROSTATIC POWDER						
COMPRESSOR	HERMETIC SCROLL COMPRESSOR						
N.O.	1	1	1	1	2	2	3
CIRCUIT	1	1	1	1	2	2	3
CAPACITY(TON)	5	8	10	12	20	24	30
CAPACITY(KW)	17.6	28.1	35.2	42.2	70.3	84.4	105.5
OIL QUANTITY(L)	2.51	3.25	3.25	3.25	3.25	3.25	3.25
RLA(A)	10.5	14	18	23	18	23	18
LRA(A)	100	118	140	174	140	174	140
CONDENSER	ALUMINIUM FINS COPPER TUBES						
N.O.	1	1	1	1	2	2	3
N.O. OF ROW	3	3	3	3	3	3	3
NO.OF.FINS	12-14	12-14	12-14	12-14	12-14	12-14	12-14
FACE AREA(M2)	0.8	1.28	1.77	1.8	3.5	3.6	5.3
FANS	PROPELLER DIRECT DRIVE						
N.O.	1	1	1	1	2	2	3
DIAMETER (mm)	630	630	630	630	630	630	630
AIR FLOW RATE (CFM)	4000	7000	9000	9500	14000	19000	21000
EVAPORATOR	SHELL AND TUBES						
FLOW RATE(GPM)	12	19.2	24	28.8	48	57.6	72
MINUM FLOW RATE	9	14.4	18	21.6	36	43.2	54
REFRIGENT CIRCUIT	1	1	1	1	2	2	3
REFRIGENT CHARGE (KG)	3	5	6	8	12	15	18

Capacity Rating are based on: 113 °F CONDENSING TEMPERATURE  
53.6/44.6 °F ENTERING/LEAVING TEMPERATURE

ECO CHILLER HAS THE RIGHT TO CHANGE THE SPECIFICATION WITHOUT PRIOR NOTICE



MODEL	EACC140S4P	EACC168S4P	EACC211S6P	EACC253S6P	EACC281S8P	EACC309S8P	EACC337S8P
POWER SUPPLY	380/3/50						
CASING	STEAL WITH ELECROCTATIC POWDER						
COMPRESSOR	HERMETIC SCROLL COMPRESSOR						
N.O.	4	4	6	6	8	8	8
CIRCUIT	2	2	3	3	4	4	4
CAPACITY(TON)	40	48	60	72	80	88	96
CAPACITY(KW)	140.7	168.8	211.0	253.2	281.4	309.5	337.6
OIL QUANTITY(L)	3.25	3.25	3.25	3.25	3.25	3.25	3.25
RLA	18	23	18	23	18	18-23	23
LRA	140	174	140	174	140	140-174	174
CONDENSER	ALUMINIUM FINS COPPER TUBES						
N.O.	4	4	6	6	8	8	8
N.O. OF ROW	3	3	3	3	3	3	3
NO.OF.FINS	12-14	12-14	12-14	12-14	12-14	12-14	12-14
FACE AREA(M2)	7	7.2	10.6	10.8	14.1	14.2	14.4
FANS	PROPELLER DIRECT DRIVE						
N.O.	4	4	6	6	8	8	8
DIAMETER (mm)	630	630	630	630	630	630	630
AIR FLOW RATE (CFM)	28000	38000	42000	57000	57000	64000	76000
EVAPORATOR	SHELL AND TUBES						
FLOW RATE(GPM)	96	115.2	144	172.8	192	211.2	230.4
MINUM FLOW RATE	72	86.4	108	129.6	144	158.4	172.8
REFRIGENT CIRCUIT	2	2	3	3	4	4	4
REFRIGENT CHARGE (KG)	24	29	36	43	48	53	58

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