

# 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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1-2

01 - Company Profile  
02 - Index

3-4

**SCROLL Chiller (1 & 2)**

Model : EACCXXSXP

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

5-6

**RECIPROCATING Chiller (1 & 2)**

Model : EACCXXPPX

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	EACC70P1P	EACC84P1P	EACC105P1P	EACC125P1P	EACC140P1P	EACC169P1P	EACC211P2P
POWER SUPPLY	380/3/50HZ						
CASING	STEAL WITH ELECROCTATIC POWDER						
COMPRESSOR	SEMI HERMETIC RECIPROCATING COMPRESSOR						
N.O.	1	1	1	1	1	1	2
CIRCUIT	1	1	1	1	1	1	2
CAPACITY(TON)	20	24	30	35.5	40	48	60
CAPACITY(KW)	70.3	84.4	105.5	124.9	140.7	168.8	211
OIL QUANTITY(L)	4.5	4.5	4.75	4.75	5	5	4.75/4.75
RLA	36	48	62	71	79	88	62/62
LRA	141	141	219	236	394	401	219/219
CONDENSER	ALUMINIUM FINS COPPER TUBES						
N.O.	2	2	3	3	4	4	6
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)	3.6	3.6	5.3	5.3	7	7.2	10.6
FANS	PROPELLER DIRECT DRIVE						
N.O.	2	2	3	3	4	4	6
DIAMETER (mm)	630	630	630	630	630	630	630
AIR FLOW RATE (CFM)	14000	19000	21000	21000	28000	38000	42000
EVAPORATOR	SHELL AND TUBES						
FLOW RATE(GPM)	48	57.6	72	85.2	96	115.2	144
MINUM FLOW RATE	36	43.2	54	63.9	72	86.4	108
REFRIGENT CIRCUIT	1	1	1	1	1	1	2
REFRIGENT CHARGE (KG)	12	14.4	18	21.3	24	28.8	36

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	EACC249P2P	EACC281P2P	EACC337P2P	EACC422P4P	EACC499P4P	EACC562P4P	EACC675P4P
POWER SUPPLY	380/3/50HZ						
CASING	STEAL WITH ELECTROSTATIC POWDER						
COMPRESSOR	SEMI HERMETIC RECIPROCATING COMPRESSOR						
N.O.	2	2	2	4	4	4	4
CIRCUIT	2	2	2	4	4	4	4
CAPACITY(TON)	71	80	96	120	142	160	192
CAPACITY(KW)	250	281	338	422	499	563	675
OIL QUANTITY(L)	4.75/4.75	5/5	5/5	4.75/4.75 4.75/4.75	4.75/4.75 4.75/4.75	5/5 5/5	5/5 5/5
RLA	71/71	79/79	88/88	62/62 62/62	71/71 71/71	79/79 79/79	88/88 88/88
LRA	226/226	394/394	401/401	219/219 219/219	226/226 226/226	394/394 394/394	401/401 401/401
CONDENSER	ALUMINIUM FINS COPPER TUBES						
N.O.	6	8	8	10	12	14	16
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)	10.8	14.1	14.4	17.6	21.12	24.6	28.2
FANS	PROPELLER DIRECT DRIVE						
N.O.	6	8	8	10	12	14	16
DIAMETER (mm)	630	630	630	630	630	630	630
AIR FLOW RATE (CFM)	57000	57000	76000	96000	111000	127500	142500
EVAPORATOR	SHELL AND TUBES						
FLOW RATE(GPM)	170.4	192	230.4	288	340.8	384	460.8
MINUM FLOW RATE	127.8	144	172.8	216	255.6	288	345.6
REFRIGENT CIRCUIT	2	2	2	4	4	4	4
REFRIGENT CHARGE (KG)	42.6	48	57.6	72	85.2	96	115.2

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