

Other Services

International air conditioning and Refrigeration Systems Company are the only dealers and wholesaler in Jordan for the Emerson Climate Technology that have Copeland Co. In addition of that we are the only distributors of evaporator units Kuba from GEA kuba.\Germany and Kontherm \ Turkey



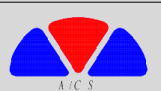
Air Cooled Water Chiller

Product Capacity Range: 5TR to 75TR

(17.6KW - 263.7KW)



Eshtar air-cooled water chillers with semi-hermetic reciprocating & scroll saving energy compressors are available in a wide range of sizes to meet customer requirements for different applications. It state of the art low sound, reliability, high energy efficiency and small physical footprint chillers.



International Air conditioning and Refrigeration Systems

شركة أنظمة التكييف والتبريد الدولية

Main Office: 06-4382936

Showroom: 06-4785767



epe@go.com.jo

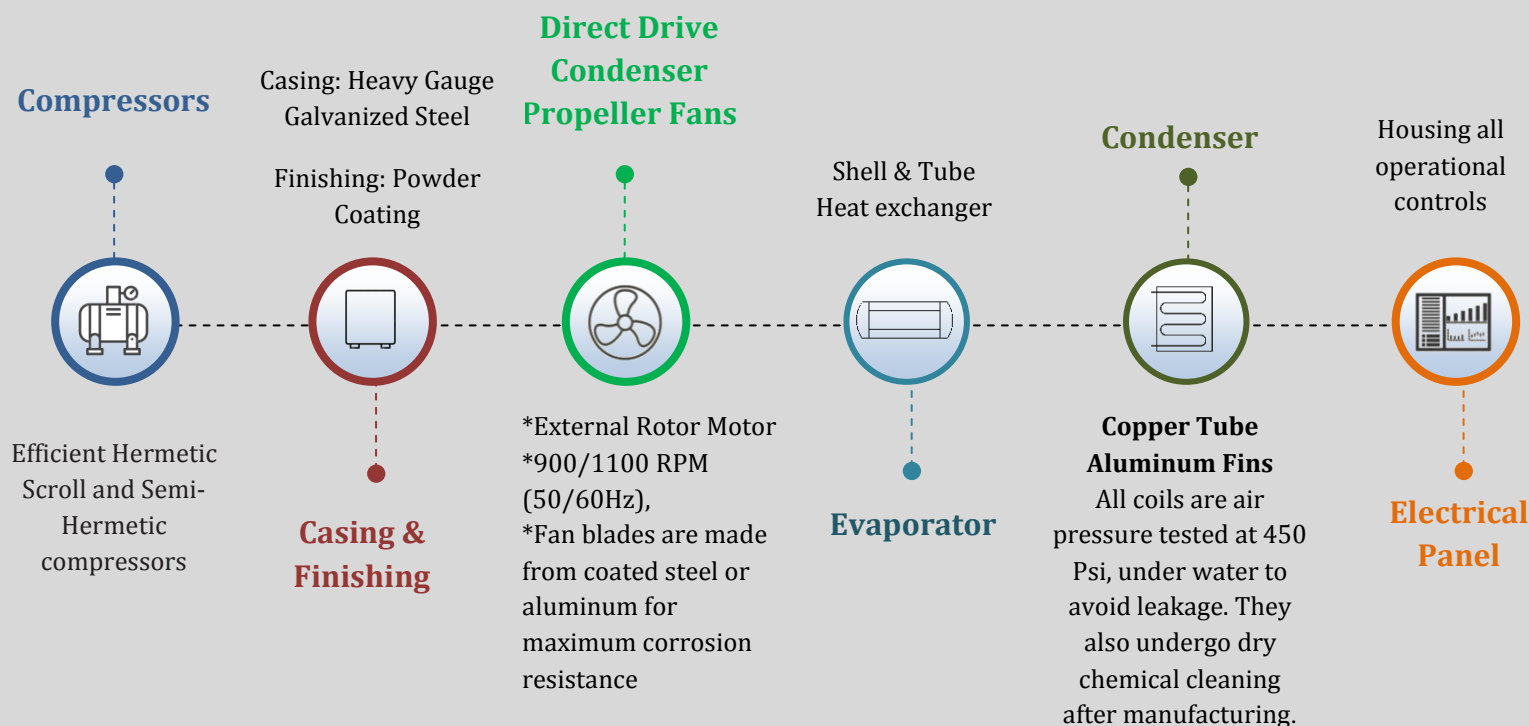


http://m.facebook.com/interacsys



Main office: Al-Muqablen Jawharet Al-Huriya Complex 25
Showroom: Abu-Alanda

Features and Benefits



- Management of compressor type,
- External set point reset, due to external analogue signal for remote modification of set point (4-20 mA or 0-10 Vdc),
- Unloading function (Optional),
- LCD graphic Keyboard available for panel or wall mounting,
- Auto restart after power failure
- Password-Protected alarm menu.
- Standard protocol for communication Modbus-RTU.



Supervising

By using gate way the microprocessor controller will connected to the Ethernet which can be remotely monitoring and functioning the controlled machine. There are many available functions, for example the possibility of reading temperature and pressure status, controlled load status, the diagnostic through SMS or Email, and much more.



Air Cooled Water Chiller with Semi-Hermetic Reciprocating Compressor



Performance Data

Semi -Hermetic Configuration										
Model [ESH]	25.1	30.1	35.1	40.1	50.1	60.2	80.2	90.2	100.2	
Nominal cooling capacity (MBH)	220	255	326	385	450	510	770	835	900	
Compressor power input (KW)	15.5	19.2	23.4	29	32.9	38.4	58	61.9	65.8	
Total power input (KW)	17.5	21.2	25.4	31	34.9	40.4	61	64.9	68.8	
Compressor	Semi-Hermetic Compressors									
Nominal HP	25	30	35	40	50	30+30	40+40	40+50	50+50	
Refrigerant Circuit (no.)	1	1	1	1	1	2	2	2	2	

Our Advance Technology

Esther's Chillers are equipped with unsurpassed features including cutting edge microprocessor controller to manage the unit's performance for optimum efficiency and Energy saving at both full load and part load values.

Main functions

- Temperature control on water inlet/outlet,
- Condenser Fan motor control related to Pressure and temperature.
- Complete alarm management with data Logger contains the data of the last 100 alarms.
- Compressors time management,
- Pump time management,
- Automatic lead/lag function,
- Anti-recycling timer, to limit the number of compressor starts per hour,
- Daily and weekly time zone management,

Air Cooled Water Chiller with Hermetic Scroll Compressor



Performance Data

Scroll Compressor Configuration										
Model (ESC)	6.1	8.1	12.1	15.1	20.1	25.1	30.1	40.2	50.2	60.2
Nominal cooling capacity (MBH)	60	74	115	150	190	240	290	360	480	580
Compressor power input (KW)	3.9	5	7.4	10.2	13.3	16.3	20.1	26.6	32.6	40.2
Total power input (KW)	4.3	6	8.4	11.2	14.8	17.8	21.6	28.6	34.6	42.2
Compressor	Scroll Compressor									
Nominal HP	6	8	12	15	20	25	30	20+20	25+25	32+32
Refrigerant Circuit (No.)	1	1	1	1	1	1	1	2	2	2