

Partner in India:

BLUEBIRD COOLING SOLUTION
www.bluebirdcooling.com

Ecochillers®

PRODUCT GUIDE

Ecochillers®

CHILLER WITH COPELAND CENTRIFUGAL COMPRESSOR



ECCLACF

240 to 600 tons

Volts 220 / 460 / 380

50 - 60 Hz

- Centrifugal compressor
- Fan Motor



COPELAND



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Chillers - Condensing Units - Air Handlers - Dry Coolers

PRODUCT GUIDE

Ecochillers®

| HEAT RECOVERY AND HEAT PUMP |

4 in one **Chiller Inverter** Capacity **0.5 to 600 ton**

ECCLAHP

Heat Recovery & Heat Pump

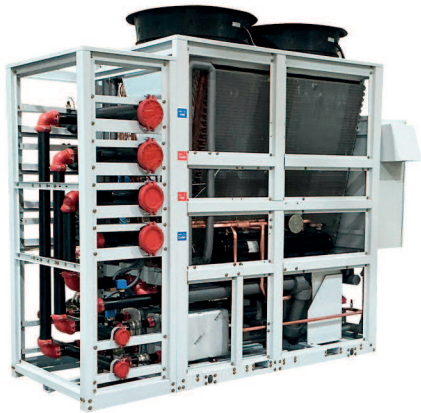
0.5 to 600 tons

Volts 220 / 460 / 380

50 - 60 Hz

- Scroll, Screw & Semi-hermetic Compressors
- Air Cooled & Water Cooled Chiller
- Heat Pump Water to Air Heat Pump
- Water to water Heat Recovery Reclaim

Titanium options*



Chillers - Condensing Units - Air Handlers - Dry Coolers

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Ecochillers®

AIR COOLED SCROLL CHILLERS



ECTLA

3 to 350 tons

Volts 220 / 460 / 380

50 - 60 Hz

- Scroll Compressor
- EC Fans Motors



COPELAND



ZIEHL-ABEGG



Optional VFD

TECO
Westinghouse



ABB



Chillers - Condensing Units - Air Handlers - Dry Coolers

PRODUCT GUIDE

Ecochillers®

AIR COOLED SCREW CHILLERS



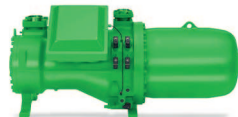
ECCLASC

60 to 600 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Screw Compressor
- EC Fans Motors



Carlyle



- Shell and Tube Heat Exchanger
Serviceable Repairable



Optional VFD

TECO
Westinghouse



ABB



Chillers - Condensing Units - Air Handlers - Dry Coolers

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Ecochillers®

AIR COOLED SEMIHERMETIC CHILLERS



ECCLASH

10 to 207 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Semihermetic Compressors
- EC Fans Motors



Optional VFD



Chillers - Condensing Units - Air Handlers - Dry Coolers

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ECTAH

10 to 250 tons

Volts 220 / 460 / 380

Copper tube aluminium fins coils

- Reduced operating cost
- Efficiency Motor



Ecochillers®



DRY COOLERS

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ECCDC

5 to 250 tons

Volts 220 / 460 / 380

Aluminium Microchannel

Copper/ Aluminum or Copper/Copper condensers

- Reduced operating cost
- EC Fans Motors



- Shell and Tube Heat Exchanger Serviceable Repairable



Chillers - Condensing Units - Air Handlers - Dry Coolers

PRODUCT GUIDE

Ecochillers[®]

INVERTER CHILLERS



ECTLA Scroll Inverter

3 to 350 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Scroll Compressor
- Speed Drive VFD
- EC Fans Motors



COPELAND



ECCLASH Semi-hermetic Inverter

10 to 350 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Semi-hermetic Compressor
- Speed Drive VFD
- EC Fans Motors



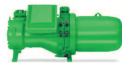
Carlyle



ECCLASC Screw Inverter

60 to 600 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Screw Compressor
- Speed Drive VFD
- EC Fans Motors



Carlyle



ZIEHL-ABEGG

INVERTER



Ecochillers®

NANO CHILLERS

ECTLAN

0.5 to 2 tons

Volt. 50 - 60 Hz

- Scroll Compressor
- Fan Motor



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Chillers - Condensing Units - Air Handlers - Dry Coolers

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CONDENSING UNITS

Scroll | Semihermetic Condensing Unit

ECTCUA Y ECCCUASH

1 to 250 tons

Volts 220 / 460 / 380

50 - 60 Hz

- Reduced operating cost
- Plates Heat Exchanger



Custom Dx difuser

ECTFRCUA

12.5 to 200 tons

Volts 220 / 460 / 380

50 - 60 Hz

- Ziehl Abegg ECM Axial Fan
- Aluminium microchannel



ZIEHL-ABEGG

Chillers - Condensing Units - Air Handlers - Dry Coolers

PRODUCT GUIDE

These remote condensers offer robust performance, energy efficiency, and extensive customization options, making them the ideal solution for industrial and commercial cooling applications.

Key Features:

- ✓ **ECM Fans (900mm):** High-efficiency electronically commutated motors (ECM) ensure reduced energy consumption and optimal airflow.
- ✓ **BACnet & Modbus Communication:** Fully compatible with BACnet or Modbus protocols for seamless integration into any building management system.
- ✓ **Universal Refrigerant Compatibility:** Designed to work with any type of refrigerant, ensuring maximum flexibility for different applications.
- ✓ **Check Valves Included:** Integrated check valves for improved system performance and reliability.
- ✓ **Anti-Corrosion Protection (Optional):** Additional protective coating available for condensers and piping to enhance durability in harsh environments.
- ✓ **Screw Material Options:** Standard galvanized screws with an option for stainless steel for increased corrosion resistance.
- ✓ **Carel Touchscreen Controller:** Advanced Carel touchscreen controller, pre-configured for communication with any type of compressor, providing intuitive operation and precise system monitoring.



ZIEHL-ABEGG

ECCRC Y ECTRC

30 to 300 tons

Volts 220 / 460 / 380

50 - 60 Hz



- **High quality copper / copper condenser**
- **Carel electronic expansion valve**
- **Anticorrosive coating coils**

ECTLW

60 to 600 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Scroll Compressor
- Electronic oil sensor



COPELAND

- Shell and Tube Heat Exchanger
- Serviceable Repairable



ECCLWSC

60 to 600 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Screw Compressor
- Electronic oil sensor



Optional VFD



Westinghouse



Ecochillers®

SOLAR INVERTER CHILLERS



ECTLA Solar Inverter

3 to 600 tons
Volts 220 / 460 / 380
50 - 60 Hz

- Scroll, Screw & Semi-hermetic Compressors
- Air Cooled & Water Cooled
- Speed Drive VFD
- EC Fans Motors
- Solar panels



COPELAND



Carlyle



ENERGY SAVING

Save up to **70% of KW**

SOLAR INVERTER 

Chillers - Torres de Enfriamiento & Aeroenfriadores

Optional VFD

TECO
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