

Reliably serving your cooling process ...



Hybrid and Adiabatic
Condensers



Evaporative
Condensers



For industrial
refrigeration applications

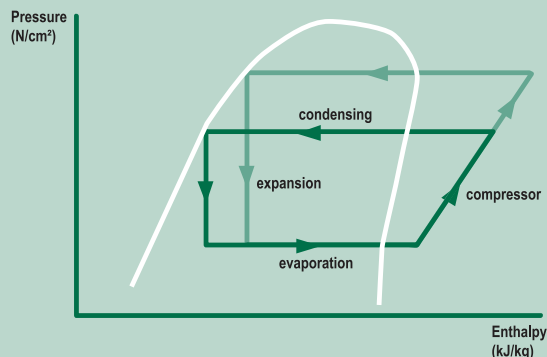


**BALTIMORE
AIRCOIL COMPANY**

... because temperature matters™

Comprehensive offering of refrigerant condensers

— air cooled
— evaporative



evaporative condensers meet economic and environmental needs

- Low condensing temperatures save compressor size and power.
- Low refrigerant charge with minimum cost of vessels and impact on environment.
- Low sound emissions due to the use of inherently quiet low noise or Whisper Quiet fans.
- Compact design reduces installed cost.

The best choice when it comes to saving costs and selecting a low environmental impact product.



LOW
IMP

counterflow

CENTRIFUGAL FAN

VXC Evaporative Condensers

Forced draught design with quiet centrifugal fans and single side air entry for limited plan areas. The product line includes models suitable for shipment in closed containers.

VXC

VXC : 60 - 6920 kW
VXC-C : 950 - 1840 kW



VCL Evaporative Condensers

Forced draught design with quiet centrifugal fans in end blow configuration for applications with height restrictions.

VCL

180 - 1380 kW



combined flow

AXIAL FAN

CXVE Evaporative Condensers

Induced draught counter-crossflow coil on fill design with low sound axial fans and single sided air entry. The efficient heat transfer technology allows 40% lower refrigerant charge compared to conventional condensers.



CXV-D Evaporative Condensers

Induced draught combined counter-crossflow coil on fill design with low sound axial fans and double sided air entry for large capacity requirements.



AXIAL FAN

HELIOS SERIES Evaporative Condensers

Induced draught design with low sound axial fans with four sided air entry for larger capacities. The product line includes models suitable for shipment in closed containers.

Heliseries

PCE

540 - 2710 kW





ENVIRONMENTAL
PRODUCT



hybrid and adiabatic

AXIAL FAN

HXC Hybrid Condensers

Induced draught combined counter and crossflow coil on fill design utilizing an additional stainless steel finned coil installed in the discharge air. Modulating air inlet dampers in the back panel optimise sensible heat transfer to reduce water consumption at conditions when heat load and ambient temperatures are lower than design.



CXVE

440 - 2765 kW



HXC

545 - 1895 kW



TrilliumSeries Condensers

Air cooled condenser with adiabatic pre-cooling providing evaporative advantages, designed for maximum water savings, low maintenance and no water treatment.

CXV-D

2750 - 4025 kW



TrilliumSeries
Condenser

DCV-AD

340 - 1030 kW



BALTIMORE
AIRCOIL COMPANY

BALTIMORE AIRCOIL COMPANY

more than 75 years of experience and know-how

With thousands of successfully operating installations worldwide Baltimore Aircoil has the **application and system experience** to assist you in the design, installation and operation of your cooling equipment. Ongoing investment in research, combined with an advanced **R&D** laboratory facility, enables BAC to consistently offer new technologies and products to meet developing industry demands.

Baltimore Aircoil has a **network of highly qualified sales representatives** backed up by an experienced technical staff to ensure that each customer project is a success.

Sustainability is fostered and cultivated in BAC's business processes. Through our products we also help our customers to achieve their sustainability goals. You can find BAC's sustainability commitments on the website www.BacSustainability.com

ISO 9001:2008
certified



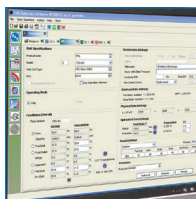
PED 97/23/EC
23 Bar standard design pressure
34 Bar test pressure



3D-design software



5000 m² R&D-test centre



selection and simulation software



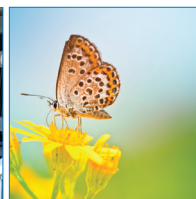
testing



high quality and sustainable
manufacturing



on site services



sustainable business processes
and culture

BAC offers a broad choice of condensers to provide an optimal solution for each and every application requirement. The broad range of products is further enhanced by many options and accessories. Some of the more commonly used options and accessories are listed below.

options and accessories

- ☐ **Material options for best cost and life expectancy match**
 - Baltiplus (galvanised steel)
 - Baltibond Hybrid Coating
 - Stainless Steel (AISI 304L or 316L)
- ☐ **Sound reduction options for even the most stringent requirements**
Sound attenuation and/or Whisper Quiet fans in lieu of standard low sound axial fans.
- ☐ **Enhanced access for inspection and maintenance**
External and internal (where applicable) ladders and service platforms.
- ☐ **Maintenance made even easier**
 - Sump sweeper piping for use with side stream filtration systems.
 - Vibration cut-out-switch to prevent mechanical damage.
 - Electrical basin heaters to protect the water in the basin against freezing, when the condenser is idle.
 - Electric water level control for precise control of the water level with no need for seasonal adjustment.

For more information visit our website at www.BaltimoreAircoil.eu.

Contact your BAC representative to assist you with the selection, operation and maintenance of your condenser installation, to ensure continuous efficiency of your process.



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**BALTIMORE
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Your local contact :

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