

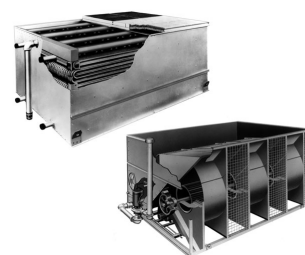
Dettagli costruttivi

Condensatori di refrigeranti

Dettagli costruttivi

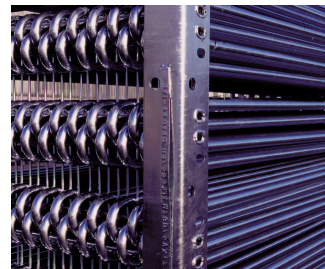
1. Scelta di materiali

- Acciaio zincato a bagno di forte spessore viene utilizzato per i pannelli dell'unità esterna e gli elementi strutturali che presentano la [protezione anti-corrosione Baltiplus](#).
- L'esclusivo [rivestimento ibrido Baltibond](#) è disponibile come **opzione**. Un rivestimento polimerico ibrido che assicura una vita utile più lunga, pre-applicato a tutti i componenti in acciaio zincato a bagno dell'unità.
- [Acciaio inox opzionale](#) per pannelli ed elementi strutturali di tipo 304, oppure tipo 316 per applicazioni estreme.
- Oppure l'alternativa economica: una **vasca per l'acqua fredda in acciaio inox per il contatto con l'acqua**. I componenti principali e la vasca stessa sono in acciaio inox. Gli altri elementi sono protetti dal rivestimento ibrido Baltibond.



2. Elemento di scambio termico

- Il mezzo di scambio termico è **una batteria di condensazione**. Le sue prestazioni termiche sono state collaudate in [laboratorio nel corso di ampi test appositi](#), e offre un'efficienza impareggiabile.
- La batteria è costruita con tubi continui in acciaio di prima qualità, ed è zincata a bagno dopo la fabbricazione. Progettata per una pressione d'esercizio massima di 23 bar, conformemente alla PED. Testata ad aria compressa a 34 bar
- All hot dip galvanized and stainless steel coils are delivered with BAC's **Internal Coil Corrosion Protection**, to ensure an optimal internal corrosion protection and guaranteed quality.



Try our VXC coil options:

- **Extended surface coils** with selected rows, finned at 3 to 5 fins per inch and hot-dip galvanized after fabrication, for dry operation during winter time.
- **Multiple circuit coils (split coils)** for your halo carbon refrigerants, maintaining individual compressor systems. Or use it for compressor jacket water or glycol cooling.
- **Stainless steel coils** are in type 304L or 316L.
- **High pressure coils** are designed for 28 bar operating pressure and pneumatically tested for 40 bar. Hot-dip galvanized after fabrication.

All coils are designed for low pressure drop with sloping tubes for free drainage of fluid.

3. Air movement system

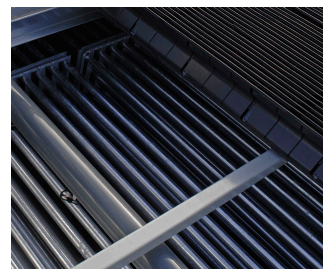
- With motor-driven centrifugal fan and a **V-belt drive**. You can easily remove the entire motor base for proper belt tensioning to ensure constantly correct belt alignment. Together with the **heavy duty fan shaft bearings** this guarantees optimal operational efficiency. Single- and multi speed available.
- **Centrifugal fan(s)** are forward-curved and nearly noiseless. Overcome external static pressure! Use [sound attenuators](#) and duct work etc. for air intake/discharge with no loss of thermal performance!
- **Our drift eliminators** come in UV-resistant plastic, which will not rot, decay or decompose and their performance is tested and **certified by Eurovent**. They are assembled in **easily handled and removable sections**, for optimal internal access.
- Steel eliminators, protected with the unique [Baltibond hybrid coating](#), for optimal corrosion protection, are also available for specific applications.



4. Water distribution system

These consist of:

- A **header** and **spray branches** with wide non-clog plastic **nozzles**, secured by rubber **grommets**. You can easily remove, clean and flush both nozzles and spray branches.
- A cold water basin with:
 - **strainers** which are easy to lift out and the anti-vortexing device also helps stop trapped air
 - mechanical **make up**
 - circular **access door**
- Close coupled, bronze fitted centrifugal **spray pump** with totally enclosed fan cooled (TEFC) motor. Bleed line with metering valve installed from pump discharge to overflow.



Like to know more about the VXC construction details? Contact your [local BAC representative](#).