

COMMON
OCCURRENCES
FACING EVAPORATIVE
CONDENSERS

Scale Formation

The most common cause of performance loss, scale formation cannot be reduced with material upgrades as **all are susceptible** to scale formation. **Coil configuration** along with **water treatment** are methods used to combat scale. To further reduce scale, select a model with optimal coil configuration, such BAC's CXVB and CXVT.

Corrosion

There are three types of corrosion that can affect your evaporative condenser: white rust, under deposit corrosion, and biological fouling. White rust is dependent on material as it forms only on **galvanized surfaces**. Choose an upgraded construction if white rust is a potential problem for you.



- COOLING TOWERS
- CLOSED CIRCUIT COOLING TOWERS
- ICE THERMAL STORAGE
- EVAPORATIVE CONDENSERS
- HYBRID PRODUCTS
- PARTS & SERVICES

Evaporative Condenser
Material Options
to Match your Needs
and Maximize Value



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Get the **Best Value** with Material Options For Every Customer

1 Matching Construction Solutions to Customers Needs

Customer 1

I've always had galvanized units and never had any issues. First cost is also important to me.

Customer 2

I am concerned with protecting areas most susceptible to corrosion.

Customer 3

Reliability is important and I want to maximize the value of my investment.

Customer 4

I have a harsh environment and am willing to pay for longevity.

CUSTOMER 1 SOLUTION

CUSTOMER 2 SOLUTION OPTIONS

CUSTOMER 3 SOLUTION OPTIONS

CUSTOMER 4 SOLUTION

Standard Construction

**TriArmor®
Corrosion
Protection
System**

EVERTOUGH™
Construction

Stainless Steel Construction

Areas Vulnerable to Corrosion

1 BASIN

The first and most common point of long-term corrosion failure

2 SUBMERGED COMPONENTS

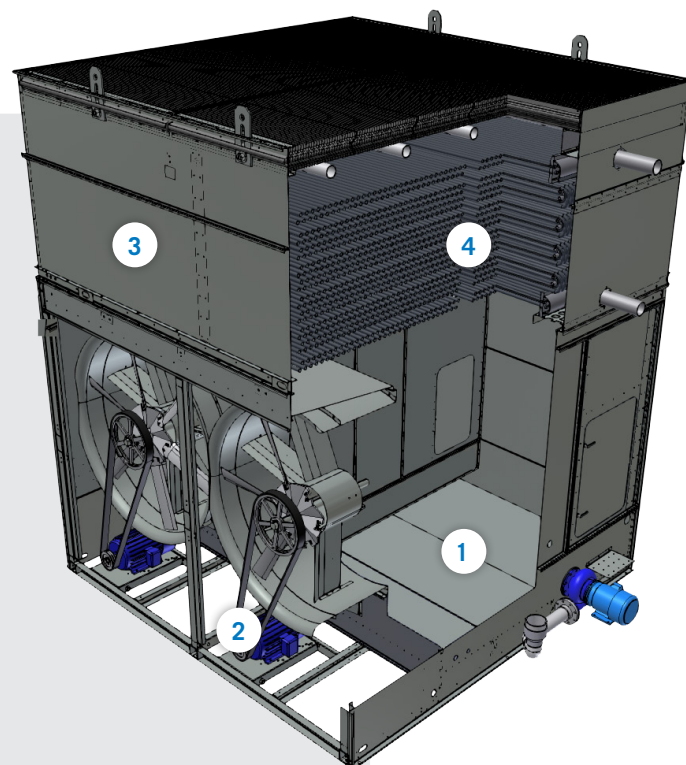
Submerged areas other than the basin are the next common point of long-term failure

3 WET/DRY AREAS

The side panels are most susceptible to white rust

4 COIL

Coil failure is rare and with proper water treatment is not a common factor effecting the longevity of the unit



2 Learn More About Each Construction Option to Make the Best Choice



Standard Construction

An economical option for milder environments and any budget

TriArmor® Corrosion Protection System

Upgraded materials featuring a three layer system designed to withstand tougher environmental conditions

EVERTOUGH™
Construction

Optimal corrosion resistance for all vulnerable components at an unbeatable value

Stainless Steel Construction

Stainless steel is a great option for increased longevity

	Lightest Construction Solution	Lightest Construction Solution	Unbeatable Value
Basin	Heavy Mill G-235 Galvanized Steel	TriArmor® System	TriArmor® System
Submerged Components	Heavy Mill G-235 Galvanized Steel	Stainless Steel	Stainless Steel
Wet/Dry Areas	Heavy Mill G-235 Galvanized Steel	Heavy Mill G-235 Galvanized Steel	Thermosetting Hybrid Polymer
Coil	Hot Dip Galvanized Industrial Gauge Steel	Hot Dip Galvanized Industrial Gauge Steel	Hot Dip Galvanized Industrial Gauge Steel OR Stainless Steel
Warranty	1 year	5 year	5 year
		 	    
		BEST VALUES	



NOTE A stainless steel coil is available as an upgradeable option with EVERTOUGH Construction.