



## PRODUCT SPOTLIGHT:

# CXVB: How it Works



The CXVB Evaporative Condenser delivers efficient performance in an easy to maintain unit. BAC's patented coil-fill technology provides maximum capacity with the lowest refrigerant charge available in the industry.

### REDUCE

- ✓ Scale
- ✓ Refrigerant
- ✓ Weight
- ✓ Connections

### INCREASE

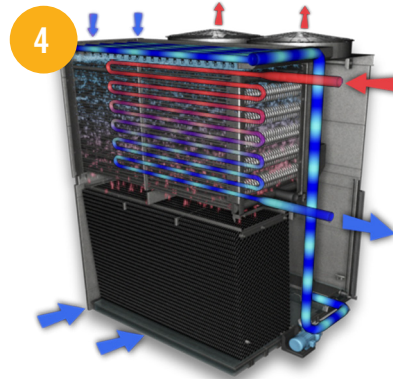
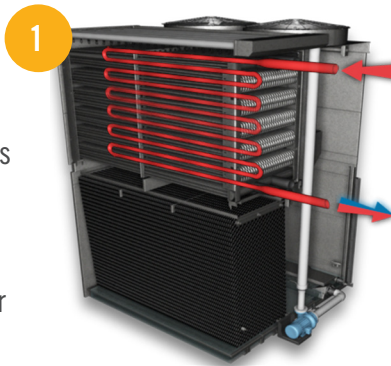
- ✓ Accessibility
- ✓ Serviceability
- ✓ Installation Flexibility
- ✓ Energy Savings



## PRODUCT SPOTLIGHT:

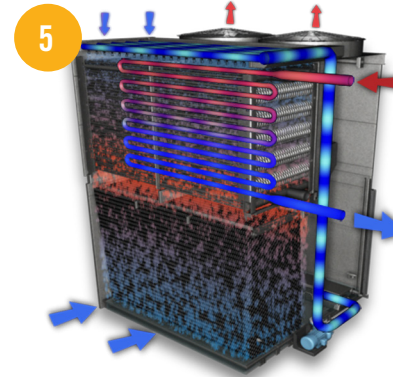
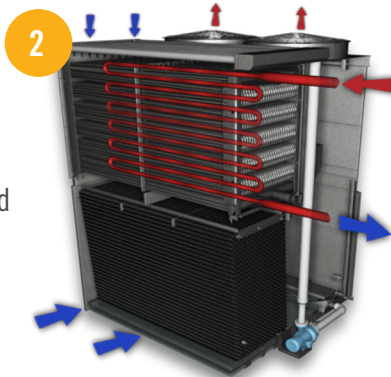
# CXVB: How it Works CONTINUED

- ✓ Fans and pumps are NOT energized
- ✓ Superheated gas enters the condensing coil
- ✓ The coil acts as a natural heat exchanger



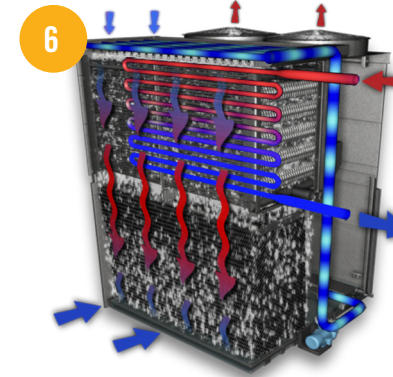
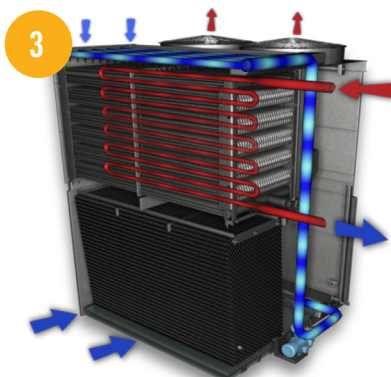
- ✓ Fans and pumps are at full capacity
- ✓ Latent heat transfer begins

- ✓ Fans have energized and the condenser is acting as an air cooled condenser



- ✓ Fans and pumps at full capacity
- ✓ Condensing coil reaches steady state
- ✓ Latent heat transfer in the fill begins
- ✓ Basin water temp is 6-8°F cooler than conventional evaporative condensers

- ✓ Fans are running
- ✓ Pumps have now energized



- ✓ Fans and pumps at full capacity and condensing coil reaches steady state
- ✓ Latent heat transfer in the fill reaches steady state
- ✓ Lower spray water temps result in less scaling



**BALTIMORE  
AIRCOIL COMPANY**

7600 Dorsey Run Road, Jessup, MD 20794 › Telephone: (410) 799-6200 › Fax: (410) 799-6416

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