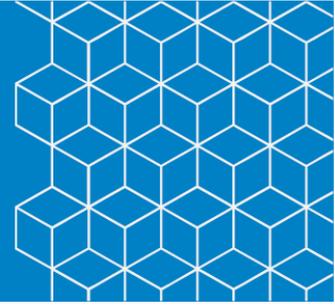


Partner With Innovation— Cooney Freeze Block Technology

THE ONLY COIL DESIGNED TO BLOCK FREEZE AND THAW DAMAGES!



Freeze damage is one of the leading causes of coil failure in the HVAC industry. Although freeze stats, expensive controls, preheat coils, and glycol are commonly used, human error or equipment failures frequently take place. Better technology was not available as a final line of defense.... **UNTIL NOW!**

As water begins to freeze and changes state from a liquid to a solid, it expands. When that change of state occurs, the pressure begins to climb rapidly within the tubes. Without adequate room for expansion, this pressure builds to a level that

the tubes can no longer bear which results in bulging and splitting of the tubing or return bends. In this event you can expect costly downtime, expensive equipment repair or replacement along with the potential for severe water damage!

The Cooney Freeze Block Coil is designed to allow expansion to occur without restriction by displacing a controlled volume of water to drain, therefore giving the ice room enough to form within the tubes of HVAC coils without causing damage.



Reliability and security are the backbone of HVAC system planning. Helping our customers minimize risk of potential coil failures and related system damage is our goal.

Current satisfied customers span many industries such as hospitals, universities, food and pharmaceutical plants, public and private transit, casinos, hotels, manufacturing facilities, government office buildings, prisons, and museums.



32604 Dequindre
Warren, MI 48092
586-264-6100 phone
586-264-6867 fax
www.coilreplacement.com

Cooney Freeze Block Technology

**THIS EXCLUSIVE, PATENT PROTECTED BREAKTHROUGH IN TECHNOLOGY
NOW PROVIDES A HIGHER LEVEL OF PROTECTION THAN EVER BEFORE!**

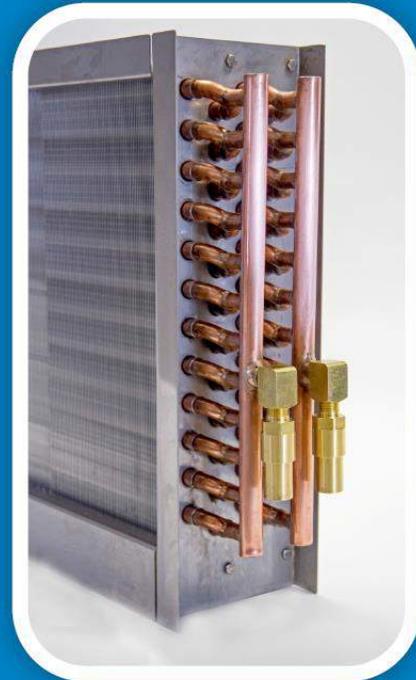


- Standard valve temperature setting: 35°F to open
- Standard valve pressure setting: 200 PSI to open
- Valve body material: Brass bar stock with inline design and stainless steel screen
- Valves are designed to reseat after discharging to prevent flooding after coil thaws
- All coils and valves are preassembled and tested at the factory prior to shipping
- Coil materials are based on customer's specifications
- Expansion relief headers equipped with pressure and temperature sensing valves displace a controlled volume water to drain as a coil begins to freeze
- Designed to dramatically reduce future maintenance, downtime, and premature coil failure
- In some cases, eliminates the need for glycol which increases efficiency
- Custom temperature and pressure settings available upon request
- Climate room and wind tunnel tested to -74° F
- All Cooney Freeze Block Coils come with a 30 month warranty



**Unprotected Coil
With Split Return Bends**

VS.



**Patent Protected Freeze Block
Coil Return Bends Intact**



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