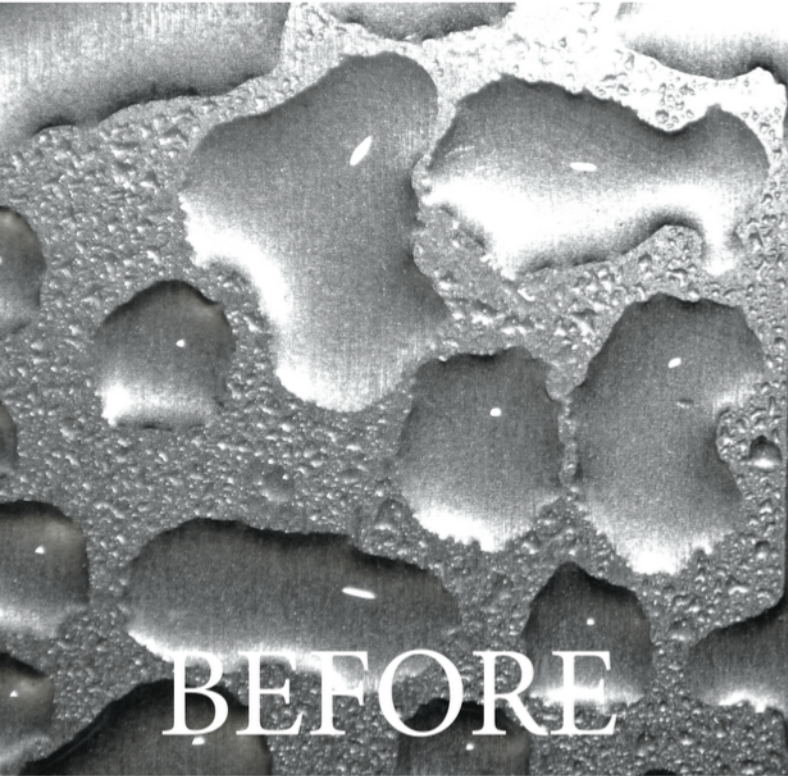


HIGH PERFORMANCE COATING

LEAVE BEADING BEHIND

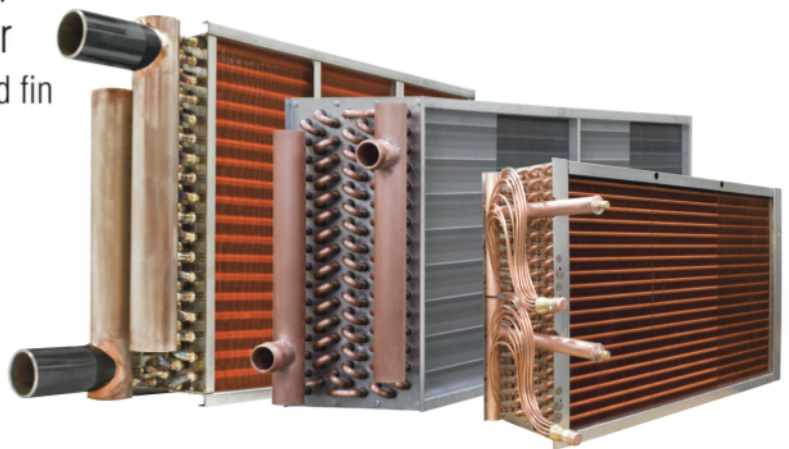
HydroPhil®



AFTER

New ultra-thin coating delivers significant improvement in evaporator condensate removal without carryover
Increase air velocity up to 26% over an uncoated fin

HydroPhil™ is a patent pending ultrathin material with superior hydrophilic, water-loving properties that can be applied to most surfaces and materials.



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Durability

HydroPhil™ is a robust, durable coating that will maintain its hydrophilic properties even after modest abrasion.

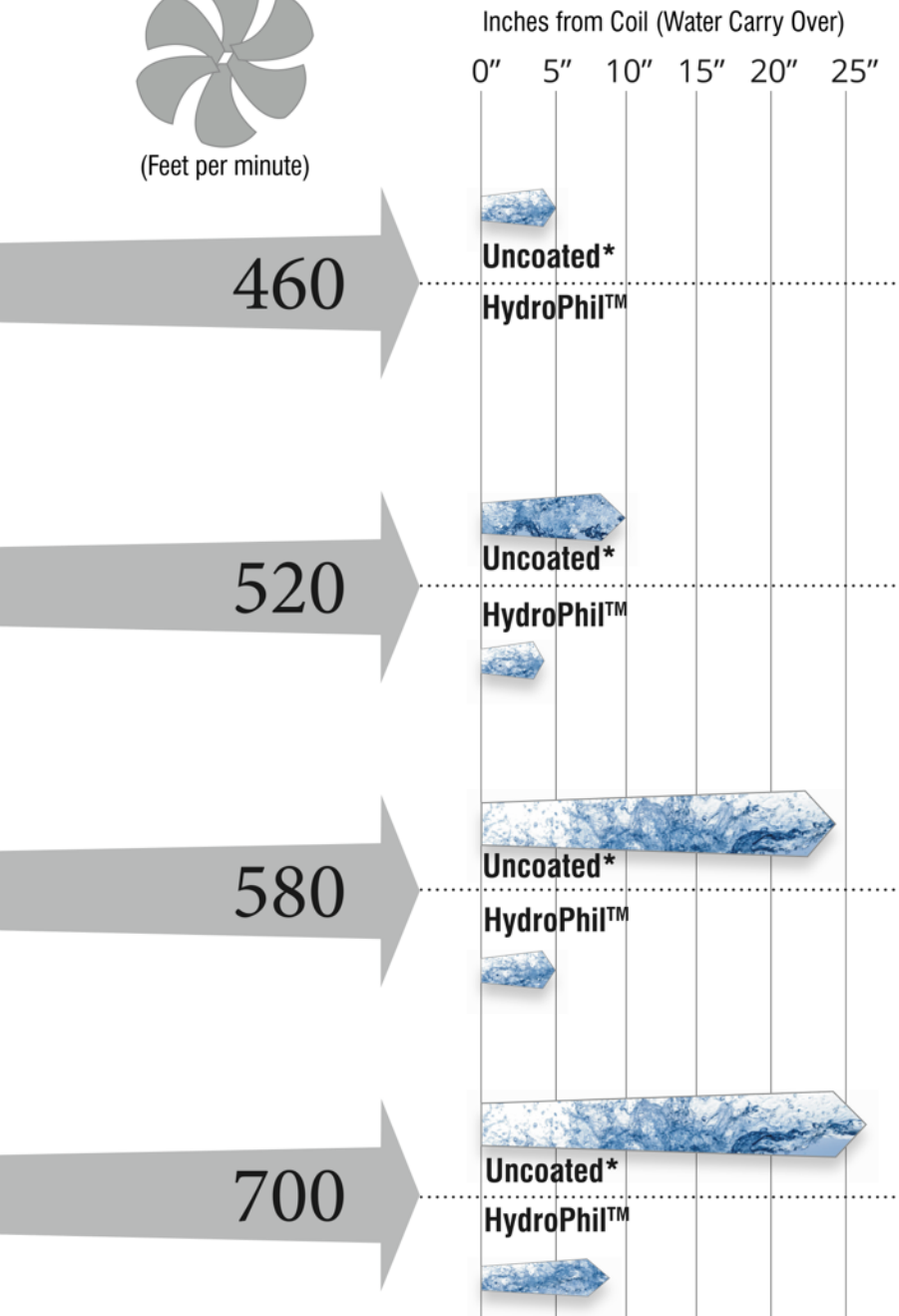
Sheeting without Beading

Upon curing, HydroPhil™ develops a unique ultrathin surface that results in water being attracted to the surface of the substrate. The result is condensate draining off the bottom of the coil rather than blowing off the coil face.

Air Speed



(Feet per minute)



Corrosion & Durability

Tested in accordance with ASTM G85, Annex 4 for 1,000 hours. This modified salt spray test exposes the material to sulfuric acid as well.

How thin?

HydroPhil™ coating is less than 250 nano-meters thin. The thin coating does not inhibit heat transfer.

Notes

*Test ran under lab conditions. "Uncoated" coil has an E-coat coating; HydroPhil™ coating is on top of E-coat.

**HydroPhil™ does not provide corrosion resistance and should be applied over the proper substrate or other corrosion protective material.

***Thickness of coating was measured in lab conditions and may vary by application method.

Contact us today about HydroPhil™ !

Albuquerque, NM

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