



# CORROSION PROTECTION PLUS

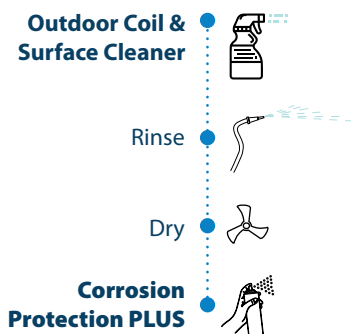
COATING FOR USE ON HVAC&R UNITS AND COILS

## CORROSION PROTECTION IMPROVES ENERGY, REDUCES COST

Highly corrosive and/or coastal environments reduce the effective lifespan of metals, air conditioning, refrigeration and all metallic surfaces.

**AerisGuard™** Corrosion Protection PLUS is a self-etching high performance modern polymeric water based coating that has been specifically designed for in-the-field applications to coat and protect metallic surfaces.

**For best practice and optimal results for existing coils, pair AerisGuard Corrosion Protection with Outdoor Coil & Surface Cleaner as below:**



## Get the Aeris Advantage!

- EASY TO APPLY ▶
- WATER BASED POLYMER ▶
- HIGHLY EFFECTIVE ▶

## PRODUCT OVERVIEW

**AerisGuard™** Corrosion Protection Plus is applied pre or post installation to HVAC&R units and coils in domestic, commercial and industrial evaporator and condenser units. Corrosion protection is applied as step 2 of the corrosion protection process. As step 1, for existing coils use with **AerisGuard™** Outdoor Coil and Surface Cleaner or for new coils use **AerisGuard™** New Coil and Surface Cleaner. This two-step process offers up to 5 years protection.

Ease of application with aerosol or bulk product making it possible for service technicians to use and remove the need and cost for specialist applicators. Tested over 46,000+ hrs salt spray resistance and has no effect on air flow or heat exchange performance.

- ✓ Water based
- ✓ Extends Asset life
- ✓ Easy to apply
- ✓ No effects on heat transfer
- ✓ 46,000+ hrs ASTM B117-11 salt spray resistance



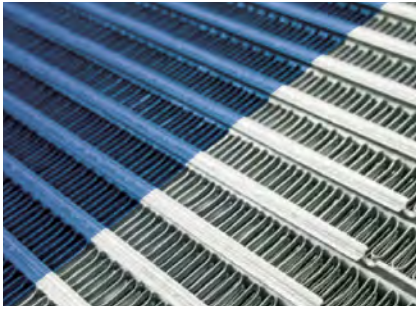
*Protects metal surfaces*





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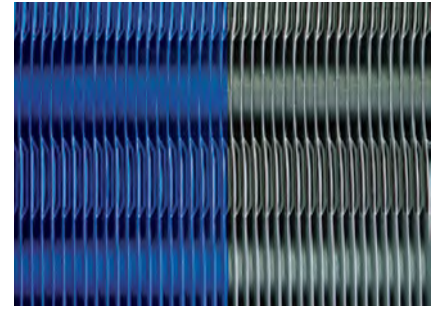
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Protects Micro-channels, galvanized steel, stainless steel and aluminum



Protects copper



Protects perforated fins and general metal surfaces

## TESTS

Test	Method	Result
Hydrophilicity	Modified ASTM C813	Pass
Life Expectancy	Immersion 50°C for 21 days in distilled water	Pass
Flexibility	Bent 180° over a 3mm mandrel	Pass
Adhesion	Modified JISK 5600-5-6: 1999 Adhesion test (Cross-cut test)	Pass
Abrasion Resistance	1Kg weight on cloth moved back and forth 100 times	Pass
Alkali Resistance	Immersed in 4% solution of sodium hydroxide at 20°C for 3 mins	Pass
Heat Resistance	Set in oven at 200°C and 400°C for 5 min	Pass
Oil Resistivity	Immersed in aliphatic oil for 24hrs at 20°C	Pass
Acid Resistance	Immersed in 5% solution of acetic acid at 20°C for 3 min	Pass



PROTECTS



OPTIMIZES

## PREPARATION

Product Code	Description	Dilution	Application Rate
AG-CPB-A	Corrosion Protection PLUS Blue Aerosol	Ready to Use	
AG-CPB-5	Corrosion Protection PLUS Blue 5L Bottle	Ready to Use	20ml* per m <sup>2</sup> for flat metallic surfaces
AG-CPB-20	Corrosion Protection PLUS Blue 20L Bottle	Ready to Use	
AG-CPC-A	Corrosion Protection PLUS Clear Aerosol	Ready to Use	200ml* per m <sup>2</sup> for 100mm deep coil at 12 fins per inch
AG-CPC-5	Corrosion Protection PLUS Clear 5L Bottle	Ready to Use	
AG-CPC-20	Corrosion Protection PLUS Clear 20L Bottle	Ready to Use	

\*Always refer to SDS & IFU prior to product dilution & application



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MKT-087-02