



Anti-corrosion treatment for heat exchanger fins

→ CARLYCOAT



Heat exchangers coils used in air conditioning and refrigerating systems, are the seat of pollutants (mineral and vegetable dusts, humidity, acid rains, sulphurated or nitrogenous compounds).

These pollutants, major actors of atmospheric corrosion, are extremely harmful for the exchanger's surfaces (particularly aluminium fins).

The main metal materials, used in the heat exchanger's manufacturing (aluminium and cuprus alloys, galvanized steel), may corrode.

The corrosion under pollutants deposits, the most frequent, entails the complete deterioration of fins.

Changed into alumina (whitish product), the aluminium fins, for example, becomes breakable without any mechanical property.

To remedy the severe deterioration and extend the heat exchangers fins life, CARLY offers an anti-corrosion treatment - **CARLYCOAT**.

CHLORINE free product.

■ Applications

- **CARLYCOAT** is an anti-corrosion product, ready to use, formulated to fight against hostile surrounding agent.
- This product, with a high covering capacity and a high content of aluminium pigments, assures a maximal anti-oxidation and anti-corrosion protection of the aluminium and copper fins (for evaporators and condensers)
- The product does not pour. It has no side effects on the thermic exchange.
- **CARLYCOAT** is compatible with all materials used in the production of heat exchanger.
- Intended for professional use.

■ Functional features

- **CARLYCOAT** is especially intended for small heat exchanger fins.
- Chlorine free product.
- The product can be applied on surfaces where the temperature can vary between - 50°C and 550°C.
- A spray can treat 0,60 m² (400ml of active constituent).
- Resistance to salt spray: 2808h.
- Non toxic. Irritating for the skin.
- Level of VOC (Volatil Organic Compounds): 96.16 %.
- Flammable propellant : butane propane.
- Recyclable steel casing.

■ CARLY advantages

- **CARLYCOAT** ensures a high anti-corrosion and anti-oxidation protection of heat exchanger fins.
- Very high covering power.
- Homogeneous cover. Does not run, with high aluminium pigments content.
- Resists on surfaces where the temperature is between - 50°C and 550°C.
- Product without chlorides.
- Ready to use product.
- Fast drying (on clean and dry surfaces).
- For new heat exchangers or exchangers having already been used.
- Recyclable steel casing.



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■ Directions for use

- Clean the fins surfaces to be treated with **CARLYCLEAN** (refer to chapter 82) and eliminate any oxidation tracks.
- Shake the product well.
- Spray at approximately 15 cm from the surfaces to be treated.
- Apply about 15 cm evenly to the surface of the fin, until the surface is completely covered.

■ Precautions for use

Precautions of use - see the Safety Data Sheet

- Extremely flammable aerosol. Pressurised container: May burst if heated.
- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- Harmful to aquatic life with long lasting effects.
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Do not spray on an open flame or other

ignition source.

- Pressurized container: Do not pierce or burn, even after use.
- Avoid breathing mist/vapours/spray.
- Wear protective gloves/protective clothing/eye protection/face protection
- IF ON SKIN: Wash with plenty of soap and water.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Do not swallow.

Storage conditions

- Keep the product at temperatures between + 5°C and + 40°C.

Waste treatment

- Used aerosols must be disposed of in accordance with the current regulations for hazardous industrial waste.
- Do not dispose into drains or the environment.

■ Technical features

CARLY references	Volume Litre	Packaging
CARLYCOAT	0,40	Aerosol

■ Weights and packaging

CARLY references	Unit weight kg	Packaging unit
CARLYCOAT	0,39	12