



Turn to the experts

CARRIER COASTAL AIR CONDITIONERS AND HEAT PUMPS

Featuring welded aluminum coil technology for improved corrosion resistance

Building on years of experience in aluminum indoor coil technology, we turned our attention to outdoor coils. And now, we're proud to offer a new line of outdoor products with exclusive, patent-pending welded aluminum coil technology. These new outdoor products will help deliver the comfort and performance you expect with exceptional corrosion resistance for lasting durability.



WHY CORROSION RESISTANCE MATTERS

Living in a coastal area brings with it the unique challenge of corrosive seacoast air:

- Salt water can be carried as far away as two miles from the coast
- Severity of corrosion depends on distance from ocean, wind direction, relative humidity, and coil temperatures
- Corrosion can also be caused by pollution, road salt and irrigation systems

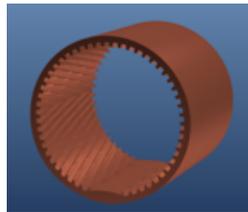


CARRIER'S ANSWER TO CORROSION – WELDED ALUMINUM TECHNOLOGY

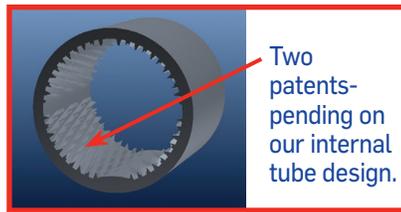
Prior to 2023, our coastal air conditioner and heat pump models used a copper tube and aluminum fins. To avoid galvanic corrosion between these two metals, Carrier transitioned all coastal models to its patent-pending welded aluminum coil technology.

Welded Aluminum Benefits

- Zinc cladding layer applied for improved corrosion resistance.
- 71% thicker wall than our current copper tubing.
- Up to 81% better projected lifespan vs. copper coil.
- Special heat shrink wrap applied to all factory-brazed copper-aluminum joints to isolate from seacoast air.
- Extensive salt spray testing during development – showing no degradation of fins after seven years (and counting).



Copper Coil Tubing



Two patents-pending on our internal tube design.

Welded Aluminum Tube

Additional Protection

In addition to improving the coil, Carrier has also made other improvements throughout our coastal products to protect from the corrosiveness of the seacoast air with the following:

- Thicker fan guard polyester powder coat
- Thicker zinc plating
- Two-layer coating process instead of one
- Increased overall coating thickness

COASTAL PRODUCTS – A RANGE OF COMFORT

Carrier offers two tiers featuring coastal units, offering you options for improved corrosion protected air conditioners and heat pumps.



PERFORMANCE™ SERIES

Air Conditioner – Model 24TPA7---C

Heat Pump – Model 25TPA7---C

- High energy efficiency up to 17.0 SEER2
- Two-stage cooling with high/low setting to provide more even temperatures throughout the home
- Non-ozone depleting Puron® refrigerant
- Protected by Carrier's WeatherArmor™ Ultra cabinet
- Sound levels as low as 70 decibels

COMFORT™ SERIES

Air Conditioner – Model 24SCA5---C

Heat Pump – Model 25SCA5---C

- High energy efficiency up to 16.5 SEER2
- Single-stage operation with on/off settings to deliver cooling when needed
- Non-ozone depleting Puron refrigerant
- Protected by Carrier's WeatherArmor Ultra cabinet
- Sound levels as low as 69 decibels



COASTAL WARRANTIES WILL LEAVE YOU PROTECTED

In addition to our extensive standard warranty, coastal air conditioners and heat pumps have a five-year parts limited warranty in residential applications when the mechanism of failure is seacoast corrosion. Note that cosmetic corrosion does not constitute part failure. See the warranty certificate for each product for complete coverage details.



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