



# 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, patented 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

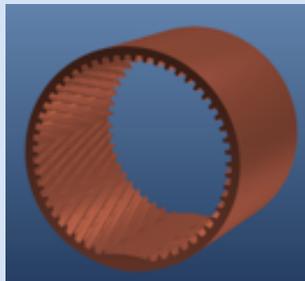
Living in a coastal area brings with it the unique challenge of corrosive seacoast air:

- 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

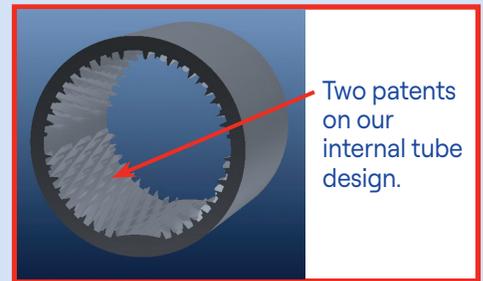
## CARRIER'S ANSWER TO CORROSION – WELDED ALUMINUM TECHNOLOGY

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 patented welded aluminum coil technology.

- 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 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<sup>™</sup> SERIES

Air Conditioner – Model 26TPA8---C

Heat Pump – Model 27TPA8---C

- High energy efficiency up to 18.0 SEER2
- Two-stage cooling with high/low setting to provide more even temperatures throughout the home
- Puron Advance<sup>™</sup> refrigerant
- Protected by Carrier's WeatherArmor<sup>™</sup> Ultra cabinet
- Sound levels as low as 67 decibels
- IntelliSense<sup>™</sup> technology, connected system capable

IntelliSense<sup>™</sup>  
TECHNOLOGY

Puron  
ADVANCE<sup>™</sup>



### Comfort<sup>™</sup> SERIES

Air Conditioner – Model 26SCA5---C

Heat Pump – Model 27SCA5---C

- High energy efficiency up to 16.5 SEER2
- Single-stage operation with on/off settings to deliver cooling when needed
- Puron Advance<sup>™</sup> refrigerant
- Protected by Carrier's WeatherArmor<sup>™</sup> cabinet
- Sound levels as low as 71 decibels

Puron  
ADVANCE<sup>™</sup>

## 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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