Carrier

Turn to the experts

EVAPORATOR COILS

Enhanced durability, comfort and peace of mind

featuring

Puron ADVANCE™

Models CAAMP, CAAVU, CSAHP, CVAVA, CVAMA

DESIGNED WITH YOUR COMFORT IN MIND

Efficiency, reliability, quality: Our aluminum evaporator coils complement your Carrier system for optimum efficiency and comfort. Made from recyclable aluminum, these tough, durable coils support the Carrier legacy of environmental stewardship. At the same time, they deliver lasting performance in corrosive environments.

EFFICIENCY

The evaporator coil is the unsung hero of your heat pump or air conditioning system. It provides the heat transfer needed to ensure peak energy efficiency and comfort capacity. And, with its outstanding corrosion resistance, it protects your system from efficiency loss experienced in corrosive environments.

DURABILITY

The sturdy, 22-gauge cabinet is painted to match your Carrier indoor unit for years of scratch-resistant good looks. Aluminum construction with thicker coil walls and our enhanced fin design combine to provide lasting durability and performance.

ENVIRONMENT

With Puron Advance™, Carrier proudly displays our commitment to environmental stewardship. It's a refrigerant that delivers a 75% decrease in global warming potential while maintaining original Puron's non-ozone depleting properties.

LIMITED WARRANTY

To the original owner, our Carrier evaporator coils are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. See warranty certificate at carrier.com for complete details and restrictions.

THE CARRIER DIFFERENCE

RESHAPING THE FUTURE OF HVAC

If you could look under the hood of a Carrier CVAVA or CVAMA aluminum evaporator coil with Vertex™ Technology, you'd see what drives the performance – a serious commitment to quality. Here are some of the features and functions that show how we are reshaping the future of HVAC:

VERTEX™ Technology

1 V-Shaped Coil

– The new Carrier V-shaped aluminum coil delivers similar performance to an A-coil in the size of an N-coil with better reliability, better condensate management and better quality. The V-shaped geometry provides improved heat transfer, more even and controlled airflow over the coil, and improved system efficiency† in a lighter, corrosion-resistant coil.

2 Vertex Coil Design/Technology

– Our new coil is constructed of flat, aluminum refrigerant channels brazed to ridged aluminum fins. It is configured in a "V" shape with the header tubes positioned at the top. The "V" configuration reduces pressure drop and enhances heat transfer. Combined, these design changes allow for the same or better SEER2 ratings without growing the size of the coil.

3 Rugged, Lasting Drain Pans

– The corrosion-resistant drain pan is designed in a Polybutylene Terephthalate (PBT) material that offers unsurpassed pan strength. It is engineered with proper slope to help ensure water drainage and improved moisture removal as well.

4 Durable, Fully-Insulated Cabinet

– Our aluminum V-coil is housed in a durable, 24-gauge, pre-painted taupe metallic cabinet. The fully insulated cabinet (foil faced with R-2.1 insulation properties) provides for quiet efficient operation of the evaporator coil.

† With optimized outdoor unit under new M1 test procedures.

A RANGE OF COMFORT

Carrier delivers comfort systems in a range of shapes and sizes. Check out this side-by-side comparison of our durable and efficient evaporator coils.

	A-Coils		V-Coils		Slab Coil
Aluminum Evaporator Coils	CAAVU	CAAMP	CVAVA	CVAMA	CSAHP
Upflow/Downflow	•	•	•	•	
Multipoise		•		•	
Horizontal		•		•	•
Factory-Installed TXV*	•	•	•	•	•
Cased Coil		•	•	•	•
Puron Advance	•	•	•	•	•
Compatible with AC and HP	•	•	•	•	•

* Thermostatic Expansion Valve

GAIN MORE CONTROL WITH A COMPLETE HOME COMFORT SYSTEM

Control	Air Conditioner or Heat Pump	Evaporator Coil	Air Purifier	Humidifier	Ventilator
Wi-Fi®-enabled smart thermostat learns your schedule for greater efficiency and comfort.	Provides efficient cooling or cooling/heating for comfort and potential energy savings.	Matches to the proper outdoor unit to provide more cooling efficiency and years of reliable service.	Uses Captures & Kills® technology to inactivate 99% of select airborne pathogens trapped by the filter, including coronavirus, bacteria and other pathogens.[1]	Adds moisture to the air, helping keep static and dry skin at bay.	Combines fresh outdoor air with conditioned indoor air for improved air quality.

[1] The Infinity® air purifier has demonstrated effectiveness against the murine coronavirus, based on third-party testing (2020) showing a >99% inactivation, which is a virus similar to the human novel coronavirus (SARS-CoV-2) that causes COVID-19. Therefore, the Infinity air purifier can be expected to be effective against SARS-CoV-2 when used in accordance with its directions for use. Third-party testing (2012, 2007) also shows ≥99% inactivation for the type of virus that causes common colds, Streptococcus pyogenes and human influenza. Airborne particles must flow through your HVAC system and be trapped by the Infinity filter to be inactivated at 99%. Learn how it works at Carrier.com/purifier.

MORE THAN A CENTURY OF COOL

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier strives to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, a nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.

Carrier

Turn to the experts

carrier.com 1-800-CARRIER

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