

Air Handlers Coils

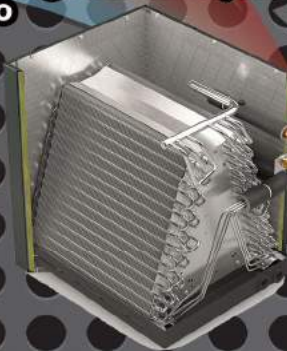


★ ★ ★ ★ ★
**DESIGNED
ENGINEERED
ASSEMBLED
IN THE
U.S.A.**
★ ★ ★ ★ ★

A lot goes into every Goodman® brand air handler and blower motor Patriot Air Handlers with All-Aluminum evaporator coils simply work the way they're supposed to, making each one a thing of beauty.

Patriot air handlers and coils have features designed to provide outstanding performance. We use advanced techniques and materials so you know the cozy, even temperature you feel in every corner of your home is an energy-efficient trend you'll love for many years.

Our complete line of air handlers and coils are priced reasonably and affordably from your local independent dealer. And that's only the beginning. We want you to smile every time you open your utility bill, so we design into our units proven efficient technology.



WHY PATRIOT?

Smartframe™ substructure: Intelligent structural design both improves the Air Handler's lateral strength and affords a sturdy mounting framework for internal components. It also secures the foil-faced insulation covering the entire blower casing that can reduce operating noise. All of which helps to increase durability and reliability of unit.

Single metal solution: The Goodman Air Handler's All-Aluminum evaporator coil is constructed from aluminum tubing, fins and end plates giving you a single metal solution for outstanding, time-tested, heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced durability, coupled with enhanced performance (as tested in our labs), this is the product for you.

Variable-speed motors: For energy-efficient operation helps to lower utility bills compared to single speed motors.

Modular configurations with upflow, counterflow and horizontal positions: To support easy installation of unit regardless of your house type. Connecting the main power wires to the unit.

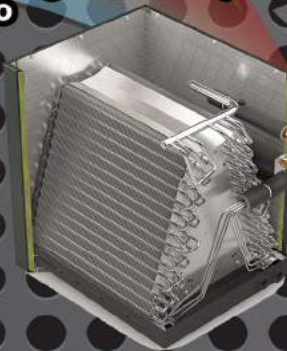
Warranty: Every Patriot unit installed by A.M. Botte Mechanical comes with a minimum 10 year parts warranty, 10 year labor warranty & 2 year unit replacement. Many units come with a lifetime heat exchanger warranty & lifetime compressor warranty.



A lot goes into every Goodman® brand air handler and blower motor Patriot Air Handlers with All-Aluminum evaporator coils simply work the way they're supposed to, making each one a thing of beauty.

Patriot air handlers and coils have features designed to provide outstanding performance. We use advanced techniques and materials so you know the cozy, even temperature you feel in every corner of your home is an energy-efficient trend you'll love for many years.

Our complete line of air handlers and coils are priced reasonably and affordably from your local independent dealer. And that's only the beginning. We want you to smile every time you open your utility bill, so we design into our units proven efficient technology.



WHY PATRIOT?

Smartframe™ substructure: Intelligent structural design both improves the Air Handler's lateral strength and affords a sturdy mounting framework for internal components. It also secures the foil-faced insulation covering the entire blower casing that can reduce operating noise. All of which helps to increase durability and reliability of unit.

Single metal solution: The Goodman Air Handler's All-Aluminum evaporator coil is constructed from aluminum tubing, fins and end plates giving you a single metal solution for outstanding, time-tested, heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced durability, coupled with enhanced performance (as tested in our labs), this is the product for you.

Variable-speed motors: For energy-efficient operation helps to lower utility bills compared to single speed motors.

Modular configurations with upflow, counterflow and horizontal positions: To support easy installation of unit regardless of your house type. Connecting the main power wires to the unit.

Warranty: Every Patriot unit installed by A.M. Botte Mechanical comes with a minimum 10 year parts warranty, 10 year labor warranty & 2 year unit replacement. Many units come with a lifetime heat exchanger warranty & lifetime compressor warranty.



AVPTC

HIGH EFFICIENCY AIR HANDLERS

MBVC BLOWER MOTOR

A LOT GOES INTO EVERY PATRIOT BRAND AIRHANDLER

ASPT, ARUF, AWUF, AWUT and ACNF Air Handlers with All-Aluminum evaporator coils provide you with reliable, energyefficient and affordable indoor comfort.

Patriot AVPTC Air Handlers with All-Aluminum evaporator coils provide you with reliable, energy-efficient and affordable indoor comfort.

Variable-Speed Motors – EEnergy-efficient operation helps to lower utility bills compared to single and multi-speed motors

Field-installed Electric Heat –From 3-25 kW for emergency heat, if ever needed.

Smartframe™ Substructure – AIntelligent structural design improves the AVPTC's air handler's lateral strength and provides a sturdy mounting framework for internal components, helping to increase the durability and reliability of unit. It also secures the foil-faced insulation covering the entire blower casing that can reduce operating noise.

Warranty - Patriot airhandlers come standard with a 10 year Goodcare labor warranty, 10 year limited parts warranty.

Model	Capacity	Variable Speed ECM Motor	All-Aluminum Evaporator Coil	FactoryMounted Internal TXV	Electronic Expansion Valve	Comfort-Bridge Compatible
AVPTC	1.5-5.0Tons	•	•	•	•	•
MBVC	1.5-5.0Tons	•	•	•	•	•

SINGLE METAL SOLUTION

The AVPTC Air Handler's All-Aluminum evaporator coil is constructed from aluminum tubing, fins and end plates giving you a single metal solution for outstanding, time-tested, heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced durability, coupled with enhanced performance (as tested in our labs), this is the product for you.



ComfortBridge™
technology

ComfortBridge off-the-wall communicating technology constantly monitors the performance of a high-efficiency heating and cooling system. As ComfortBridge technology gathers data, it uses it to make automatic adjustments, as needed; to use the minimum amount of energy required to create consistent and comfortable indoor heating and cooling. Rather than installing the communications technology circuit board in the thermostat (which is connected to an inside wall in a home), the ComfortBridge circuit board is securely installed in the indoor unit of the energy-efficient heating and cooling system. ComfortBridge technology works with any single-stage thermostat to help create customized indoor comfort specifically for you and your family.



10 PARTS LIMITED YEAR WARRANTY*



ASPT / ARUF / AWUF / AWUT / ACNF

ENERGY-EFFICIENT AIR HANDLERS

MBR BLOWER MOTOR

A LOT GOES INTO EVERY PATRIOT BRAND AIRHANDLER

ASPT, ARUF, AWUF, AWUT and ACNF Air Handlers with All-Aluminum evaporator coils provide you with reliable, energyefficient and affordable indoor comfort.

All-Aluminum Evaporator Coil (ASPT, ARUF, AWUF, AWUT and ACNF models) – Designed for efficient heat transfer and durable performance and corrosion resistance due to rust.

Multi-Speed Motors (AWUF and ACNF models) – Energy-efficient operation helps to lower utility bills compared to single speed motors

Field-installed Electric Heat – From 3-25 kW for emergency heat, if ever needed.

Modular Configurations with Upflow, Counterflow and Horizontal Positions – Allows for easy installation of unit regardless of your application.

Warranty - Patriot airhandlers come standard with a 10 year Goodcare labor warranty, 10 year limited parts warranty.

SINGLE METAL SOLUTION

The All-Aluminum evaporator coil in our ASPT, ARUF, AWUF, AWUT and ACNF air handlers is constructed from aluminum tubing, fins and end plates giving you a single metal solution for outstanding, time-tested, heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced durability, coupled with enhanced performance (as tested in our labs), this is the product for you. Models ASPT, ARUF, AWUF, AWUT and ACNF contain All-Aluminum evaporator coils.

INDOOR HUMIDITY

A warm summer day is fine as long as humidity doesn't cause you to break into a sweat when walking from your house to the car. The same applies indoors. You're more comfortable inside your home when the moisture level is lower – just as you are more comfortable outside when it's not as humid.

Patriot systems are designed to improve air comfort by lowering indoor moisture levels

Model	Capacity	Blower Motor Type	All-Aluminum Evaporator Coil	Factory Mounted Internal TXV	R-410 Chlorine-Free Refrigerant Compatible	R-22 Refrigerant Compatible
ASPT	1.5-5.0 Tons	Multi-Speed ECM	•	•	•	•
ARUF	1.5-5.0 Tons	Multi-Speed	•	•	•	•
MBR	1.5-5.0 Tons	Multi-Speed	•	•	•	•
AWUF	1.5-3.0 Tons	Multi-Speed	•	•	•	•
AWUT	2.5-3.0 Tons	Multi-Speed	•	•	•	•
ACNF	1.5-2.5 Tons	Multi-Speed	•	•	•	•



10 PARTS
LIMITED
YEAR WARRANTY



CAPF / CAPTA / CAPT / CAPFA / CHPF / CAUF / CSCF EVAPORATOR COILS

QUALITY GOES INTO EVERY PATRIOT BRAND ALL-ALUMINUM EVAPORATOR COIL

The art of precision

Patriot evaporator coils provide you with reliable, energy efficient and affordable indoor comfort.

Aluminum Tube and Aluminum Fin Coil Construction – Provides time-tested and proven heat transfer efficiency designed to resist potential corrosion

Grooved Aluminum Tubing – Offers increased surface area for efficient heat transfer performance by the unit's refrigerant.

Initial Pressure-Leak Test – To ensure high levels of product quality, coils are pressure tested during assembly. It's just the first step in three leak test processes to help ensure a high quality product.

Secondary Pressure-Leak Test – Before the coils leave the assembly line, a secondary pressure-leak test is conducted with hand-held devices to check brazed joints.

Warranty - Patriot airhandlers come standard with a 10 year Goodcare labor warranty, 10 year limited parts warranty.

A TIME-TESTED SINGLE METAL SOLUTION

The All-Aluminum evaporator coil is constructed from aluminum tubing, fins and end plates giving you a single metal solution for outstanding, time-tested, heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced durability, coupled with enhanced performance (as tested in our labs), this is the product for you.

THE ALUMAFIN7 EVAPORATOR COIL. BUILT WITH IMAGINATION, CREATIVITY, AND TECHNOLOGY AS RAW MATERIALS.

AlumaFin7 joins an array of products and components designed to deliver outstanding heat transfer properties. It is an evaporator coil design with many features and benefits to help create great value for enhanced indoor comfort.

Models	CAPT Cased	CAPTA Cased	CAPF Cased	CAPFA Cased	CHPF Cased	CAUF Uncased	CSCF Slab
All-Aluminum Evaporator Coil	●	●	●	●	●	●	●
AlumaFin7 Evaporator Coil		●		●			
R-410A Chlorine- Free Refrigerant Compatible	●	●	●	●	●	●	●
Factory-Mounted Internal TXV	●	●					
AHRI Certified, ETL listed	●	●	●	●	●	●	●



**10 PARTS
LIMITED
YEAR WARRANTY***

