

Business Name: Tech Service Heating/Cooling & Spray Foam

Address: 2617 Shoffner Rd, Conway, SC 29527

Phone: (843) 488-1571

Tech Service Heating/Cooling & Spray Foam

For more than three decades, Tech Service Inc. has proudly served the Conway and Myrtle Beach areas with honest, high-quality heating, cooling, and spray foam solutions. As a family-owned business, we treat every home like our own — with care, respect, and a commitment to getting the job done right.

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2617 Shoffner Rd, Conway, SC 29527

Business Hours

- Monday thru Thursday: 8:00am to 5:00pm
- Friday: 8:00am to 12:00pm
- Saturday thru Sunday: Open 24 hours

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Energy costs along the Grand Strand have a method of approaching on you. Summer humidity awaits the air, winter season nights perspire and cold, and numerous Conway homes were not originally built with high effectiveness in mind. I have actually walked into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could literally see daytime around roofing system penetrations. In those homes, the air conditioning system could be brand new and still struggle all afternoon.

Real efficiency in Conway comes from treating the house as a linked system. Insulation and HVAC are not separate projects. They impact each other straight. Spray foam changes the way a building acts. HVAC repair and maintenance react to that habits. When both are done expertly and attentively, the reward appears in comfort, power costs, and system longevity.

This is specifically real here, where hot, damp summers and mild, damp winters expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Environment Punishes Weak Insulation and HVAC

Conway sits in a mixed-humid climate. That indicates long cooling seasons with heavy humidity, plus a much shorter, but still significant, heating season. The combination is tough on both your structure envelope and your equipment.

When a home is under-insulated and leaky, three things normally happen.

First, the air conditioning system runs long cycles simply to get rid of moisture. In August, it is not unusual to see 80 to one hundred percent relative humidity outside for large parts of the day. If your house leakages, that moisture rides in with every draft and every duct leak.

Second, the system brief cycles on milder days. Large equipment prevails in older HVAC Installation Conway SC jobs, frequently due to the fact that the manual load estimations were skipped or the installer desired a "safe margin." On a dripping, poorly insulated home, that oversizing seems to make sense on paper, but it results in quick blasts of cold air, insufficient dehumidification, and broad temperature level swings.

Third, energy costs surge. I typically see older Conway homes with summer power costs 25 to 40 percent higher than needed, simply since of weak insulation and air sealing combined with a mismatched HVAC system.

Once spray foam insulation and correctly sized HVAC collaborate, the whole dynamic shifts.

What Spray Foam Really Modifications Inside a Conway Home

Many house owners think about Spray Foam Insulation Conway SC as simply "better insulation." It is more precise to think of it as a way to redefine the structure envelope.

Traditional fiberglass or cellulose primarily slows heat transfer. They do not dependably stop air motion. Spray foam does both. Closed cell foam, in specific, can function as insulation, air barrier, and in some assemblies, even a vapor retarder.

When installed correctly in a Conway home, spray foam can:

1. Reduce uncontrolled air leak between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures room to room.
3. Lower hidden load on your air conditioning system by reducing damp outdoor air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more effective HVAC systems to perform well.

I once worked with a house owner off Highway 905 who had a 2,100 square foot house with a vented, leaking attic and an exhausted 4 heap system. After applying spray foam to the roofing system deck and tightening up the attic, the load calculation justified a 3 load variable speed replacement. Their peak summer expenses come by around a 3rd, and they lastly stopped battling that sticky, clammy sensation in the evenings.

Those results are not automatic. The details matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway utilize both open cell and closed cell products. Each has strengths and compromises.

Open cell is lighter, more vapor permeable, and often utilized in roofing system decks and walls where drying capacity is important. It does a great job at air sealing and sound control, and it tends to be more cost reliable per inch.

Closed cell foam has a higher R worth per inch, is a lot more stiff, and provides better wetness resistance. In some coastal applications, specifically low crawlspace, band joists, or locations vulnerable to wind driven rain, closed cell frequently makes more sense.

In practice, I see a lot of homes use open cell in roof decks to create an unvented conditioned attic, and closed cell in crawlspace and rim joists to stop humidity and air infiltration from listed below. The ideal mix depends on

your house, the assemblies, and regional code requirements.

If a contractor proposes spray foam without going over open vs closed cell, drying courses, and how the existing structure manages moisture, that is a warning. The Conway environment needs attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Must Be Coordinated

Once you tighten a house with spray foam, the initial HVAC system typically becomes extra-large. That may sound like a good thing, but for comfort and indoor air quality, it usually is not.

A system that is too large for the brand-new, lower load will:

- Short cycle, which implies less wetness removal and more wear on compressors and blowers.
- Create unequal temperatures, since the thermostat pleases rapidly without enabling air to blend thoroughly.
- Increase indoor humidity on moderate, damp days, when the temperature requirement is little but the moisture load is high.

Professional HVAC Service Conway SC that comprehends structure science will address this straight. Before or right after a spray foam task, a great contractor will run new Manual J load computations, take a look at your ductwork, and inspect fixed pressures. Sometimes the option is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can help match capacity to the brand-new, tighter home.

I have seen cases where property owners spent cash on Spray Foam Insulation Conway SC, then kept an extra-large, single stage 5 ton system. Their expenses decreased rather, however comfort never completely enhanced. After resizing the system and changing air flow, your home finally felt as efficient as the foam financial investment recommended on paper.

Coordination is the secret. Deal with spray foam and HVAC as one job, even if the work happens in phases.

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is currently limping, sealing your house can emphasize its issues. It is frequently smarter to resolve basic HVAC Repair Conway SC issues before or together with spray foam upgrades.

Here are practical warning signs that point to a need for professional maintenance:

1. The system runs constantly however still can not keep up on peak hot or cold days.
2. You notice weak air flow from specific vents, or some spaces feel considerably hotter or colder than others.
3. There are brand-new or worsening noises from the blower or outdoor unit, specifically grinding, screeching, or loud rattles.
4. Your power costs jump greatly from one season to the next, without an obvious change in usage or rates.
5. Ice types on the refrigerant lines, or you see water around the indoor air handler that is not just from a condensate drain.

Any of these signs justify a call for HVAC repair near me before you invest heavily in Spray Foam Insulation Conway SC. A healthy HVAC system reacts better to the enhanced envelope and lets you see the genuine gains from the insulation work.

The Function of Professional HVAC Installation in a Spray Foam Home

When it is time for a brand-new system, HVAC Installation Conway SC becomes much more important if you have or prepare to have spray foam.

Load computations can not be guesswork. The contractor needs to ask about your insulation levels, air sealing, window performance, and tenancy patterns. If they simply match the old system ton for load, or suggest bumping up "simply in case," they are overlooking the lowered heat gain and loss from correctly applied foam.

Duct design likewise alters in a spray foam home. Many Conway house owners pick to bring ductwork into a conditioned attic. This can be a huge advantage, but only if the ducts are sized correctly and sealed well. A securely foamed attic that still has dripping, inadequately well balanced ducts will seem like a cars with flat tires.

In my experience, the very best HVAC Service Conway SC providers have 3 habits that set them apart:

They procedure, not guess. They use air flow readings, static pressure tests, and temperature divides rather of depending on rules of thumb.

They discuss humidity control. They explain how the system will handle hidden load in shoulder seasons when outdoors temperature levels are moderate, however humidity is still brutal.

They interact clearly about filters, maintenance, and ventilation. A tighter home requirements deliberate fresh air techniques, not simply unexpected leakage.

If your contractor never ever discusses ventilation alternatives, such as energy recovery ventilators or well balanced fresh air methods, that is another warning when you devote to tightening the shell with foam.

What a Quality Spray Foam Job Appears Like in Conway

Not every spray foam task is created equal. Foam can be a great upgrade, or a source of headaches, depending on the installation details.

A solid, professional procedure in Conway typically follows these steps:

1. Detailed evaluation of the attic, crawlspace, and wall assemblies, including looking for existing moisture issues, roof leaks, and ventilation paths that will be changed.
2. Clear conversation about foam type, density, target R values, and how existing insulation (like fiberglass batts) will be eliminated or left in place as part of the design.
3. Proper surface preparation, consisting of cleansing, protecting recessed fixtures and mechanical components, and developing safe access paths for future service.
4. Installation with constant thickness, full coverage at joints and penetrations, and careful trimming where foam may contact non-rated fixtures or obstruct service panels.
5. Post-installation walkthrough, consisting of discussing new attic or crawlspace conditions, dealing with any needed ventilation modifications, and coordinating with HVAC adjustments.

When that procedure is followed, Spray Foam Insulation Conway SC delivers the performance it assures. When corners are cut, you may see spaces, thin areas, or unintentional moisture traps.

I have crawled through attics where foam protection ranged from 2 inches in one area to bare wood just a few feet away. In an environment as damp as Conway, those spaces can become condensation spots, mold dangers, and persistent hot zones.

Managing Wetness and Ventilation in a Tight Home

One of the most typical misconceptions I hear is that "spray foam makes your home too tight." A home can definitely be constructed or retrofitted to be too tight for natural ventilation, however that is not a problem with insulation. It is an issue with the lack of deliberate ventilation.

A tighter shell changes where and how moisture goes into and leaves the building. Instead of sneaking in through fractures around can lights and attic hatches, outside air needs to go into through planned pathways, preferably filtered and conditioned.

For lots of Conway homes, this means pairing Spray Foam Insulation Conway SC with:



Mechanical ventilation. This can be as easy as a timed, controlled fresh air consumption connected into the HVAC, or as sophisticated as an energy healing ventilator that stabilizes inbound and outgoing air.

Proper bath and kitchen area exhaust. Fans require to vent to the outdoors and be sized to actually move enough air. In a tighter home, a weak or incorrectly ducted fan quickly reveals its flaws.

Dehumidification strategies. In shoulder seasons when you are not cooling greatly, however outdoor humidity stays high, a stand-alone dehumidifier or HVAC system with boosted dehumidification controls can keep indoor relative humidity in a healthy range.

When ventilation and moisture control are integrated into the general plan, a tight shell is a benefit, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers differ commonly, however it is possible to detail realistic expectations for a common wood framed Conway home of, state, 1,800 to 2,400 square feet.

On existing homes with leaky attics and minimal air sealing, including Spray Foam Insulation Conway SC to the roofing deck and bringing ductwork into the conditioned area typically cuts heating and cooling energy usage by 20 to 35 percent. That is contingent on having reasonably effective devices and decent thermostat settings.

If that foam upgrade is coupled with a right-sized, modern HVAC Installation Conway SC project, particularly one that uses variable speed air handlers and good humidity control, total decreases in HVAC-related energy usage can press into the 30 to 45 percent range compared to an old, dripping, single stage setup.

Payback times depend upon utility rates, the starting condition of your home, and whether you are integrating work you already needed (like a mandatory HVAC replacement) with insulation upgrades. For many Conway house owners, spray foam plus thoughtful HVAC work spends for itself over a period of several years, especially when you factor in comfort and decreased repair risk.

Those energy savings are not simply theory. They are visible in bills and in the habits of the system. Shorter, more constant run times, steadier indoor temperature levels, and less emergency calls for HVAC Repair Conway SC are daily signs that the envelope and equipment are lastly using the very same team.

Choosing the Right Contractors in Conway

The success of any efficiency upgrade comes down to the people doing the work. Online look for HVAC repair near me or insulation professionals in Conway will produce plenty of names. Arranging them takes a bit more effort.

Look for teams that understand both building science and regional code. Ask specific questions, such as:

How do you calculate the heating and cooling load [HVAC Service Conway SC](#) once spray foam is installed?

What is your prepare for attic or crawlspace ventilation after the foam? Will these areas end up being conditioned or semi conditioned?

How will you safeguard existing circuitry, can lights, and mechanical equipment during spraying?

For HVAC providers, press them on screening. Do they perform static pressure measurements, duct leakage testing, or combustion security checks for gas devices? A yes, in addition to clear explanations, is a strong signal that they approach HVAC Service Conway SC with a system mindset.



Finally, pay attention to how they discuss moisture. Contractors who operate in Horry County for any length of time respect humidity. If someone dismisses it or frames spray foam as an easy "insulate and forget" solution, they are glossing over a central part of our climate.

Practical Maintenance Habits After Upgrades

Once you have tighter insulation and tuned HVAC, a couple of practices safeguard your financial investment and keep the system efficient.

Change filters on schedule, and utilize quality media that match the system style. Excessively restrictive filters installed in a system not created for them raise static pressure and can reverse efficiency gains.

Keep an eye on indoor humidity. A simple hygrometer can tell you if levels consistently creep above 60 percent. If they do, speak to your HVAC service provider about dehumidification strategies.

Schedule routine HVAC Service Conway SC checks before peak cooling and heating seasons. After spray foam upgrades, the system will behave differently. Early service check outs catch concerns like low airflow or improper charge that might not have actually appeared before.

Inspect foam surface areas yearly, specifically in attics and crawlspaces. You are searching for indications of roof leaks, pest damage, or unusual discoloration. Foam itself is steady, however the house around it continues to age and move.

These routines cost far less than a significant repair and extend the life of both your insulation and your HVAC system.

Bringing Everything Together for Conway Homes

Real energy efficiency in Conway does not come from any single product. It comes from lining up the building shell, the mechanical systems, and the wetness control strategy with the reality of our climate.



Spray Foam Insulation Conway SC can change a drafty, irregular home into a tight, foreseeable structure that is easier to heat and cool. Professional HVAC Repair Conway SC, together with cautious HVAC Installation Conway SC options, ensures the equipment serving that structure is properly sized, tuned, and durable.

When those elements are coordinated, house owners see lower expenses, quieter operation, more even comfort, and less emergency look for HVAC repair near me during a heat wave. It is a system, and like any great system, the pieces work best when they are developed and kept together.

Tech Service Heating Cooling and Spray Foam provides HVAC services

Tech Service Heating Cooling and Spray Foam installs air conditioning systems

Tech Service Heating Cooling and Spray Foam repairs heating systems

Tech Service Heating Cooling and Spray Foam improves indoor comfort

Tech Service Heating Cooling and Spray Foam offers spray foam insulation

Tech Service Heating Cooling and Spray Foam performs HVAC maintenance

Tech Service Heating Cooling and Spray Foam services residential properties

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

Tech Service Heating Cooling and Spray Foam installs ventilation systems

Tech Service Heating Cooling and Spray Foam reduces energy costs

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Tech Service Heating Cooling and Spray Foam seals building gaps

Tech Service Heating Cooling and Spray Foam maintains climate control systems

Tech Service Heating Cooling and Spray Foam provides reliable service

Tech Service Heating/Cooling & Spray Foam has a phone number of (843) 488-1571

Tech Service Heating/Cooling & Spray Foam has an address of 2617 Shoffner Rd, Conway, SC 29527

Tech Service Heating/Cooling & Spray Foam has a website <https://techhvac-foam.com/>

Tech Service Heating/Cooling & Spray Foam has Google Maps listing <https://maps.app.goo.gl/U3j6T3Lmw5WdaJSZ8>

Tech Service Heating/Cooling & Spray Foam has TikTok page <https://www.tiktok.com/@tech.service.inc>

Tech Service Heating/Cooling & Spray Foam earned Best Customer Service Award 2024

People Also Ask about Tech Service Heating/Cooling & Spray Foam

What HVAC services does Tech Service Heating Cooling and Spray Foam provide for residential and commercial properties?

Tech Service Heating Cooling and Spray Foam provides complete HVAC services including Air Conditioning Installation, Heating Systems Repairs, Spray Foam Insulation, ventilation upgrades, preventative maintenance, and energy efficiency solutions with reliable service and quality workmanship

Does Tech Service Heating Cooling and Spray Foam handle Air Conditioning Installation and Heating Systems Repairs?

Yes, Tech Service Heating Cooling and Spray Foam specializes in Air Conditioning Installation and Heating Systems Repairs, helping customers maintain comfortable indoor environments through dependable HVAC services and professional workmanship

What makes Tech Service Heating Cooling and Spray Foam stand out from other HVAC service companies?

Tech Service Heating Cooling and Spray Foam stands out by delivering reliable service, experienced HVAC technicians, quality workmanship, energy-efficient solutions, and responsive support for heating, cooling, and insulation projects

Can Tech Service Heating Cooling and Spray Foam install Spray Foam Insulation and ventilation systems?

Tech Service Heating Cooling and Spray Foam installs Spray Foam Insulation and ventilation systems designed to improve indoor air quality, increase energy efficiency, and provide long-lasting comfort with quality workmanship

How does Tech Service Heating Cooling and Spray Foam improve energy efficiency in homes and businesses?

Tech Service Heating Cooling and Spray Foam improves energy efficiency through professional HVAC services, Air Conditioning Installation, Heating Systems Repairs, Spray Foam Insulation, and properly installed ventilation systems that reduce energy loss and improve climate control

Where is Tech Service Heating/Cooling & Spray Foam located?

Tech Service Heating/Cooling & Spray Foam is conveniently located at 2617 Shoffner Rd, Conway, SC 29527. You can easily find directions on [Google Maps](#) or call at [\(843\) 488-1571](tel:(843)488-1571) Monday through Thursday 8:00am to 5:00pm, Friday 8:00am to 12:00pm, Saturday through Sunday Open 24 hours

How can I contact Tech Service Heating/Cooling & Spray Foam?

You can contact Tech Service Heating/Cooling & Spray Foam by phone at: [\(843\) 488-1571](tel:(843)488-1571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

Residents may take a trip to the [Rivertown Bistro](#). Rivertown Bistro demonstrates how reliable HVAC services, ventilation systems, and Quality Workmanship help create a comfortable dining environment year round.