

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 way of approaching on you. Summer humidity awaits the air, winter season nights are damp and chilly, and many Conway homes were not originally built with high performance in mind. I have strolled into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could literally see daylight around roofing penetrations. In those homes, the air conditioning unit might be brand brand-new and still struggle all afternoon.

Real effectiveness in Conway comes from treating the house as a connected system. Insulation and HVAC are not separate tasks. They affect each other straight. Spray foam changes the way a building behaves. HVAC repair and maintenance react to that behavior. When both are done professionally and thoughtfully, the payoff appears in convenience, power expenses, and system longevity.

This is particularly real here, where hot, wet summer seasons and mild, wet winters expose weak points in both insulation and HVAC design.

How Coastal Carolina Environment Punishes Weak Insulation and HVAC

Conway beings in a mixed-humid climate. That implies long cooling seasons with heavy humidity, plus a shorter, but still substantial, heating season. The mix is difficult on both your building envelope and your equipment.

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

First, the air conditioner runs long cycles just to get rid of wetness. In August, it is not uncommon to see 80 to 100 percent relative humidity outside for big parts of the day. If the house leakages, that moisture trips in with

every draft and every duct leak.

Second, the system short cycles on milder days. Oversized equipment is common in older HVAC Installation Conway SC jobs, typically because the manual load estimations were skipped or the installer desired a "safe margin." On a leaky, badly insulated home, that oversizing appears to make sense on paper, however it results in quick blasts of cold air, insufficient dehumidification, and large temperature swings.

Third, energy costs surge. I frequently see older Conway homes with summertime power bills 25 to 40 percent greater than necessary, purely since of weak insulation and air sealing integrated with a mismatched HVAC system.



Once spray foam insulation and properly sized HVAC interact, the entire dynamic shifts.

What Spray Foam In fact Changes Inside a Conway Home

Many property owners consider Spray Foam Insulation Conway SC as simply "better insulation." It is more precise to consider it as a method to redefine the structure envelope.



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

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

1. Reduce unchecked air leak in between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels space to room.
3. Lower hidden load on your a/c system by minimizing humid outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller, more effective HVAC systems to perform well.

I when dealt with a house owner off Highway 905 who had a 2,100 square foot home with a vented, dripping attic and a tired 4 load system. After applying spray foam to the roof deck and tightening the attic, the load calculation validated a 3 load variable speed replacement. Their peak summertime bills stopped by around a 3rd, and they finally stopped fighting that sticky, clammy sensation in the evenings.

Those results are not automatic. The information matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway use both open cell and closed cell items. Each has strengths and compromises.

Open cell is lighter, more vapor permeable, and often used in roof decks and walls where drying potential is necessary. It does a great job at air sealing and sound control, and it tends to be more cost efficient per inch.

Closed cell foam has a higher R value per inch, is a lot more stiff, and uses much better moisture resistance. In some seaside applications, specifically low crawlspaces, band joists, or areas prone to wind driven rain, closed cell frequently makes more sense.

In practice, I see a lot of homes use open cell in roofing system decks to create an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air seepage from listed below. The right mix depends upon the house, the assemblies, and local code requirements.

If a professional proposes spray foam without talking about open vs closed cell, drying paths, and how the existing structure handles moisture, that is a warning. The Conway climate demands attention to humidity and drying, not simply R values.

Why HVAC Service and Spray Foam Must Be Coordinated

Once you tighten up a house with spray foam, the initial HVAC system typically ends up being extra-large. That may seem like a good thing, however for comfort and indoor air quality, it typically is not.

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

- Short cycle, which indicates less wetness removal and more wear on compressors and blowers.
- Create irregular temperature levels, due to the fact that the thermostat satisfies rapidly without enabling air to blend thoroughly.
- Increase indoor humidity on moderate, damp days, when the temperature level requirement is small however the wetness load is high.

Professional HVAC Service Conway SC that understands structure science will resolve this straight. Before or right after a spray foam task, a good contractor will run new Manual J load calculations, take a look at your ductwork, and examine static pressures. In some cases the solution is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can help match capacity to the new, tighter home.

I have seen cases where homeowners spent money on Spray Foam Insulation Conway SC, then kept an oversized, single stage 5 lot system. Their bills decreased rather, however comfort never fully improved. After resizing the system and adjusting air flow, your house lastly felt as efficient as the foam investment recommended on paper.

Coordination is the secret. Deal with spray foam and HVAC as one project, even if the work takes place in phases.

Signs You Need HVAC Repair Near Me Before You Insulate

If your HVAC system is currently limping, sealing your house can highlight its problems. It is frequently smarter to deal with fundamental HVAC Repair Conway SC problems before or alongside spray foam upgrades.

Here are useful indication that indicate a need for professional inspection and repair:

1. The system runs constantly but still can not keep up on peak hot or cold days.
2. You notification weak air flow from specific vents, or some rooms feel considerably hotter or colder than others.

3. There are brand-new or aggravating noises from the blower or outside unit, specifically grinding, screeching, or loud rattles.
4. Your power costs jump greatly from one season to the next, without an obvious change in use or rates.
5. Ice forms on the refrigerant lines, or you see water around the indoor air handler that is not just from a condensate drain.

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



The Role of Professional HVAC Installation in a Spray Foam Home

When it is time for a brand-new system, HVAC Installation Conway SC ends up being much more crucial if you have or plan to have spray foam.

Load estimations can not be guesswork. The specialist should ask about your insulation levels, air sealing, window performance, and tenancy patterns. If they just match the old system lot for lot, or recommend bumping up "simply in case," they are neglecting the reduced heat gain and loss from appropriately applied foam.

Duct design likewise alters in a spray foam home. Lots of Conway property owners pick to bring ductwork into a conditioned attic. This can be a huge benefit, however just if the ducts are sized correctly and sealed well. A tightly foamed attic that still has dripping, badly balanced ducts will feel like a sports car with flat tires.

In my experience, the best HVAC Service Conway [HVAC Installation Conway SC](#) SC suppliers have three habits that set them apart:

They step, not guess. They utilize air flow readings, static pressure tests, and temperature splits rather of depending on rules of thumb.

They discuss humidity control. They describe how the system will deal with latent load in shoulder seasons when outside temperature levels are moderate, but humidity is still brutal.

They interact clearly about filters, maintenance, and ventilation. A tighter home needs intentional fresh air methods, not just unintentional leakage.

If your contractor never ever mentions ventilation choices, such as energy healing ventilators or well balanced fresh air strategies, that is another red flag as soon as you commit to tightening up the shell with foam.

What a Quality Spray Foam Job Looks Like in Conway

Not every spray foam task is developed equivalent. Foam can be a wonderful upgrade, or a source of headaches, depending upon the installation details.

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

1. Detailed evaluation of the attic, crawlspace, and wall assemblies, including checking for existing moisture problems, roof leaks, and ventilation paths that will be changed.
2. Clear conversation about foam type, thickness, target R worths, and how existing insulation (like fiberglass batts) will be removed or left in location as part of the design.
3. Proper surface area preparation, including cleaning, protecting recessed components and mechanical elements, and developing safe gain access to courses for future service.
4. Installation with consistent density, complete coverage at joints and penetrations, and careful trimming where foam may call non-rated fixtures or block service panels.
5. Post-installation walkthrough, consisting of discussing new attic or crawlspace conditions, addressing any necessary ventilation modifications, and coordinating with HVAC adjustments.

When that procedure is followed, Spray Foam Insulation Conway SC provides the efficiency it guarantees. When corners are cut, you may see spaces, thin areas, or unintended moisture traps.

I have actually crawled through attics where foam protection varied from 2 inches in one location to bare wood just a few feet away. In an environment as damp as Conway, those spaces can end up being condensation areas,

mold dangers, and consistent hot zones.

Managing Moisture and Ventilation in a Tight Home

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

A tighter shell modifications where and how wetness enters and leaves the building. Rather of sneaking in through fractures around can lights and attic hatches, outdoor air ought to enter through prepared paths, preferably filtered and conditioned.

For numerous Conway homes, this indicates pairing Spray Foam Insulation Conway SC with:

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

Proper bath and kitchen area exhaust. Fans require to vent to the outside and be sized to in fact move enough air. In a tighter house, a weak or incorrectly ducted fan rapidly shows its flaws.

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

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

Energy Savings: What Conway Homeowners Realistically See

Numbers vary widely, but it is possible to lay out reasonable expectations for a normal wood framed Conway home of, say, 1,800 to 2,400 square feet.

On existing homes with leaky attics and minimal air sealing, adding Spray Foam Insulation Conway SC to the roofing system deck and bringing ductwork into the conditioned area often cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having reasonably efficient equipment and good thermostat settings.

If that foam upgrade is coupled with a right-sized, modern HVAC Installation Conway SC task, specifically one that uses variable speed air handlers and excellent humidity control, total reductions in HVAC-related energy use can push into the 30 to 45 percent variety compared to an old, leaking, single phase setup.

Payback times depend upon utility rates, the beginning condition of your house, and whether you are combining work you already required (like a necessary HVAC replacement) with insulation upgrades. For many Conway house owners, spray foam plus thoughtful HVAC work pays for itself over a span of a number of years, especially when you factor in comfort and decreased repair risk.

Those energy savings are not just theory. They show up in expenses and in the behavior of the system. Much shorter, more constant run times, steadier indoor temperature levels, and fewer emergency situation requires HVAC Repair Conway SC are daily signs that the envelope and devices are finally playing on the very same team.

Choosing the Right Professionals in Conway

The success of any performance upgrade comes down to individuals doing the work. Online look for HVAC repair near me or insulation specialists in Conway will produce lots of names. Sorting them takes a bit more effort.

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

How do you compute the heating and cooling load when spray foam is installed?

What is your plan for attic or crawlspace ventilation after the foam? Will these spaces become conditioned or semi conditioned?

How will you protect existing circuitry, can lights, and mechanical equipment throughout spraying?

For HVAC companies, press them on screening. Do they carry out static pressure measurements, duct leakage testing, or combustion safety checks for gas home appliances? A yes, along with clear explanations, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, focus on how they speak about wetness. Specialists who operate in Horry County for any length of time respect humidity. If someone dismisses it or frames spray foam as a simple "insulate and forget" option, they are glossing over a main part of our climate.

Practical Maintenance Behaviors After Upgrades

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

Change filters on schedule, and utilize quality media that match the system style. Overly restrictive filters installed in a system not designed for them raise static pressure and can undo performance gains.

Keep an eye on indoor humidity. A simple hygrometer can inform you if levels consistently sneak above 60 percent. If they do, talk to your HVAC supplier about dehumidification strategies.

Schedule routine HVAC Service Conway SC checks before peak cooling and heating seasons. After spray foam upgrades, the system will act in a different way. Early service visits catch concerns like low air flow or improper charge that might not have actually appeared before.

Inspect foam surfaces yearly, specifically in attics and crawlspaces. You are looking for signs of roof leakages, bug damage, or uncommon staining. Foam itself is stable, but the house around it continues to age and move.

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

Bringing Everything Together for Conway Homes

Real energy efficiency in Conway does not originate from any single product. It originates from aligning the structure shell, the mechanical systems, and the wetness control method with the truth of our climate.

Spray Foam Insulation Conway SC can change a drafty, irregular home into a tight, predictable structure that is much easier to heat and cool. Professional HVAC Repair Conway SC, in addition to mindful HVAC Installation Conway SC choices, guarantees the equipment serving that structure is appropriately sized, tuned, and durable.

When those elements are coordinated, house owners see lower costs, quieter operation, more even convenience, and fewer 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 maintained 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
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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/>
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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:8434881571) 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](#)

Conveniently located near Tech Service Heating/Cooling & Spray Foam [B&B Theatres Conway](#) a great movie theater with full food & drink menu. Catch a movie and enjoy some great food while you wait.