

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 Hair have a method of approaching on you. Summer humidity hangs in the air, winter nights are damp and chilly, and lots of Conway homes were not initially developed with high performance in mind. I have walked into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could actually see daytime around roofing penetrations. In those homes, the ac system could be brand name new and still struggle all afternoon.

Real performance in Conway comes from treating your home as a connected system. Insulation and HVAC are not different projects. They affect each other straight. Spray foam changes the method a building acts. HVAC repair and maintenance react to that habits. When both are done professionally and thoughtfully, the benefit shows up in convenience, power bills, and system longevity.

This is particularly real here, where hot, wet summer seasons and moderate, moist winter seasons expose weaknesses in both insulation and HVAC design.



How Coastal Carolina Climate Punishes Weak Insulation and HVAC

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

When a home is under-insulated and dripping, three things typically happen.

First, the a/c unit runs long cycles [HVAC Repair Conway SC](#) simply to remove wetness. In August, it is not uncommon to see 80 to one hundred percent relative humidity outside for big parts of the day. If the house leaks, that wetness trips in with every draft and every duct leak.



Second, the system brief cycles on milder days. Oversized devices is common in older HVAC Installation Conway SC tasks, often due to the fact that the manual load estimations were skipped or the installer wanted a "safe margin." On a dripping, improperly insulated home, that oversizing appears to make good sense on paper, but it results in fast blasts of cold air, insufficient dehumidification, and wide temperature swings.

Third, energy costs surge. I frequently see older Conway homes with summertime power bills 25 to 40 percent higher than needed, simply due to the fact that of weak insulation and air sealing integrated with a mismatched HVAC system.

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

What Spray Foam In fact Modifications Inside a Conway Home

Many property owners consider Spray Foam Insulation Conway SC as simply "much better insulation." It is more precise to think of it as a way to redefine the building envelope.

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

When set up correctly in a Conway home, spray foam can:

1. Reduce uncontrolled air leak between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels space to room.

3. Lower latent load on your a/c system by decreasing humid outdoor air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more effective HVAC systems to carry out well.

I when dealt with a property owner off Highway 905 who had a 2,100 square foot house with a vented, leaky attic and a tired 4 load system. After applying spray foam to the roofing system deck and tightening the attic, the load calculation validated a 3 lot variable speed replacement. Their peak summer bills visited around a third, and they lastly stopped fighting that sticky, clammy feeling in the evenings.

Those outcomes are manual. The information matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway utilize both open cell and closed cell items. Each has strengths and trade-offs.

Open cell is lighter, more vapor permeable, and frequently used in roof decks and walls where drying capacity is necessary. It does a very good task at air sealing and sound control, and it tends to be more cost effective per inch.

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

In practice, I see a great deal of homes use open cell in roof decks to develop an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air infiltration from below. The best mix depends on your house, the assemblies, and local code requirements.

If a contractor proposes spray foam without discussing open vs closed cell, drying paths, and how the existing structure manages moisture, that is a red flag. The Conway climate needs attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Should Be Coordinated

Once you tighten up a home with spray foam, the initial HVAC system typically becomes oversized. That may seem like an advantage, but for convenience and indoor air quality, it usually is not.

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

- Short cycle, which implies less wetness removal and more wear on compressors and blowers.
- Create uneven temperatures, since the thermostat satisfies quickly without allowing air to mix thoroughly.
- Increase indoor humidity on mild, wet days, when the temperature level requirement is little however the moisture load is high.

Professional HVAC Service Conway SC that comprehends structure science will resolve this straight. Before or right after a spray foam project, an excellent contractor will run new Manual J load computations, look at your ductwork, and examine static pressures. Sometimes the solution is a complete 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 house owners spent money on Spray Foam Insulation Conway SC, then kept an oversized, single stage 5 ton system. Their bills went down rather, however comfort never ever fully enhanced. After resizing the system and changing airflow, your home lastly felt as efficient as the foam investment recommended on paper.

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

Signs You Required HVAC Repair Near Me Before You Insulate

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

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

1. The system runs continuously however still can not keep up on peak hot or cold days.
2. You notice weak airflow from particular vents, or some rooms feel considerably hotter or colder than others.
3. There are new or getting worse noises from the blower or outdoor system, specifically grinding, squealing, or loud rattles.
4. Your power expenses jump greatly from one season to the next, without an apparent change in usage or rates.
5. Ice kinds 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 heavily in Spray Foam Insulation Conway SC. A healthy HVAC system responds much better to the improved envelope and lets you see the genuine 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 a lot more crucial if you have or plan to have spray foam.

Load computations can not be guesswork. The specialist should ask about your insulation levels, air sealing, window performance, and occupancy patterns. If they simply match the old system heap for heap, or recommend bumping up "just in case," they are neglecting the lowered heat gain and loss from effectively used foam.

Duct style likewise changes in a spray foam home. Numerous Conway property owners select to bring ductwork into a conditioned attic. This can be a huge benefit, but only if the ducts are sized correctly and sealed well. A securely foamed attic that still has leaking, improperly well balanced ducts will seem like a cars with flat tires.

In my experience, the best HVAC Service Conway SC suppliers have 3 routines that set them apart:

They step, not think. They use air flow readings, static pressure tests, and temperature divides instead of relying on rules of thumb.

They talk about humidity control. They discuss how the system will manage latent load in shoulder seasons when outside temperatures are moderate, however humidity is still brutal.

They communicate clearly about filters, maintenance, and ventilation. A tighter home requirements intentional fresh air methods, not just unexpected leakage.

If your professional never points out ventilation alternatives, such as energy recovery ventilators or well balanced fresh air methods, that is another red flag once you dedicate to tightening the shell with foam.

What a Quality Spray Foam Job Looks Like in Conway

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



A solid, professional process in Conway usually follows these actions:

1. Detailed assessment of the attic, crawlspace, and wall assemblies, consisting of checking for existing wetness problems, roofing system leakages, and ventilation paths that will be changed.
2. Clear discussion about foam type, density, target R worths, and how current insulation (like fiberglass batts) will be eliminated or left in location as part of the design.
3. Proper surface preparation, consisting of cleansing, securing recessed fixtures and mechanical elements, and developing safe gain access to courses for future service.
4. Installation with constant thickness, full coverage at joints and penetrations, and careful trimming where foam might call non-rated components or obstruct service panels.
5. Post-installation walkthrough, including describing new attic or crawlspace conditions, resolving any necessary ventilation modifications, and coordinating with HVAC adjustments.

When that process is followed, Spray Foam Insulation Conway SC provides the efficiency it guarantees. When corners are cut, you might 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 gaps can end up being condensation areas, mold risks, and persistent hot zones.

Managing Moisture and Ventilation in a Tight Home

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

A tighter shell changes where and how moisture gets in and leaves the building. Rather of sneaking in through cracks around can lights and attic hatches, outside air needs to go into through planned paths, ideally filtered and conditioned.

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

Mechanical ventilation. This can be as simple as a timed, managed fresh air consumption connected into the HVAC, or as advanced as an energy recovery ventilator that stabilizes inbound and outbound air.

Proper bath and cooking area exhaust. Fans require to vent to the outside and be sized to really move enough air. In a tighter home, a weak or improperly ducted fan rapidly shows its flaws.

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

When ventilation and wetness control are integrated into the general plan, a tight shell is an advantage, not a liability.

Energy Cost savings: What Conway Homeowners Realistically See

Numbers differ extensively, however it is possible to lay out practical expectations for a typical wood framed Conway home of, say, 1,800 to 2,400 square feet.

On existing homes with dripping attics and minimal air sealing, including Spray Foam Insulation Conway SC to the roof deck and bringing ductwork into the conditioned area frequently cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having reasonably effective equipment and good thermostat settings.

If that foam upgrade is paired with a right-sized, modern HVAC Installation Conway SC task, specifically one that uses variable speed air handlers and excellent humidity control, overall decreases 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 energy rates, the starting condition of your house, and whether you are integrating work you already needed (like a compulsory HVAC replacement) with insulation upgrades. For numerous Conway property owners, spray foam plus thoughtful HVAC work pays for itself over a span of several years, specifically when you consider comfort and reduced repair risk.

Those energy cost savings are not simply theory. They show up 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 devices are lastly using the exact same team.

Choosing the Right Professionals in Conway

The success of any effectiveness upgrade comes down to the people 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 comprehend both building science and regional code. Ask specific questions, such as:

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

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

How will you safeguard existing wiring, can lights, and mechanical equipment throughout spraying?

For HVAC service providers, press them on testing. Do they perform static pressure measurements, duct leak testing, or combustion security look 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, take note of how they speak about wetness. Contractors who operate in Horry County for any length of time regard humidity. If somebody dismisses it or frames spray foam as an easy "insulate and forget" service, they are glossing over a central part of our climate.

Practical Maintenance Behaviors After Upgrades

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

Change filters on schedule, and use quality media that match the system design. Extremely limiting filters installed in a system not created for them raise static pressure and can reverse efficiency gains.

Keep an eye on indoor humidity. An easy hygrometer can inform you if levels regularly sneak above 60 percent. If they do, speak with your HVAC company about dehumidification strategies.

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

Inspect foam surfaces annual, particularly in attics and crawlspaces. You are trying to find signs of roofing system leaks, pest damage, or uncommon discoloration. Foam itself is stable, however your 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 It All Together for Conway Homes

Real energy efficiency in Conway does not come from any single item. It comes from aligning the building shell, the mechanical systems, and the moisture control strategy with the truth of our climate.

Spray Foam Insulation Conway SC can change a drafty, inconsistent home into a tight, foreseeable structure that is simpler to heat and cool. Professional HVAC Repair Conway SC, together with mindful HVAC Installation Conway SC choices, makes sure the devices serving that structure is appropriately sized, tuned, and durable.

When those components are collaborated, house owners see lower bills, quieter operation, more even convenience, and fewer emergency searches 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 designed and maintained together.

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Tech Service Heating Cooling and Spray Foam installs air conditioning systems
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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
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Tech Service Heating/Cooling & Spray Foam has Google Maps listing <https://maps.app.goo.gl/U3j6T3Lmw5WdaJSZ8>
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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](#)

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