

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. Summertime humidity hangs in the air, winter nights perspire and chilly, and many Conway homes were not initially developed with high efficiency in mind. I have walked into attics in Horry County where techhvac-foam.com HVAC repair near me the ductwork sweated like a cold glass of tea, and where you could literally see daytime around roofing penetrations. In those homes, the air conditioner could be brand name brand-new and still battle all afternoon.

Real effectiveness in Conway comes from dealing with the house as a linked system. Insulation and HVAC are not separate projects. They affect each other directly. Spray foam changes the method a structure behaves. HVAC repair and maintenance respond to that behavior. When both are done professionally and attentively, the benefit shows up in comfort, power expenses, and system longevity.

This is especially true here, where hot, wet summer seasons 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 environment. That suggests long cooling seasons with heavy humidity, plus a much shorter, however still substantial, heating season. The mix is difficult on both your building envelope and your equipment.

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

First, the air conditioner runs long cycles just to remove moisture. In August, it is not uncommon to see 80 to 100 percent relative humidity outside for big parts of the day. If the house leaks, that moisture trips in with every draft and every duct leak.

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

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

Once spray foam insulation and properly sized HVAC work together, the whole dynamic shifts.

What Spray Foam Actually Changes Inside a Conway Home

Many house owners consider Spray Foam Insulation Conway SC as just "much better insulation." It is more precise to think of it as a method to redefine the structure envelope.

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

When set up 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 room to room.
3. Lower hidden load on your air conditioning system by lowering damp outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more effective HVAC systems to carry out well.

I once dealt with a property owner off Highway 905 who had a 2,100 square foot home with a vented, leaking attic and an exhausted 4 ton system. After applying spray foam to the roof deck and tightening up the attic, the load computation validated a 3 ton variable speed replacement. Their peak summer season bills visited around a 3rd, and they lastly stopped fighting that sticky, clammy feeling in the evenings.

Those outcomes are not automatic. 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 compromises.

Open cell is lighter, more vapor permeable, and frequently utilized in roofing system decks and walls where drying potential is essential. 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 higher R worth per inch, is a lot more rigid, and offers better wetness resistance. In some coastal applications, specifically 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 roofing system decks to produce 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 your house, the assemblies, and local code requirements.

If a professional proposes spray foam without discussing open vs closed cell, drying paths, and how the existing structure deals with wetness, that is a red flag. The Conway environment demands attention to humidity and drying, not simply R values.

Why HVAC Service and Spray Foam Need To Be Coordinated

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

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

- Short cycle, which means less moisture elimination and more wear on compressors and blowers.
- Create uneven temperatures, due to the fact that the thermostat satisfies quickly without permitting air to mix thoroughly.
- Increase indoor humidity on mild, wet days, when the temperature requirement is little but the wetness load is high.

Professional HVAC Service Conway SC that comprehends building science will address this straight. Before or right after a spray foam task, a good professional will run new Manual J load computations, look at your ductwork, and inspect fixed pressures. Sometimes the option is a complete system replacement. Other times, a staged compressor, variable speed blower, or zoning can assist match capability 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 phase 5 ton system. Their bills went down rather, but comfort never totally enhanced. After resizing the system and adjusting airflow, your home lastly felt as efficient as the foam financial investment recommended on paper.

Coordination is the key. Treat spray foam and HVAC as one job, even if the work occurs in phases.

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is currently hopping, sealing your house can highlight its issues. It is frequently smarter to address basic HVAC Repair Conway SC issues before or alongside spray foam upgrades.

Here are useful indications that point to a need for professional inspection and repair:

1. The system runs continuously but still can not keep up on peak hot or cold days.
2. You notice weak air flow from specific vents, or some rooms feel significantly hotter or chillier than others.
3. There are new or intensifying sounds from the blower or outside system, specifically grinding, squealing, or loud rattles.
4. Your power bills leap dramatically from one season to the next, without an obvious change in use or rates.
5. Ice builds 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 validate a require HVAC repair near me before you invest greatly in Spray Foam Insulation Conway SC. A healthy HVAC system responds much better to the improved envelope and lets you see the real 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 calculations can not be uncertainty. The professional must inquire about your insulation levels, air sealing, window performance, and occupancy patterns. If they merely match the old system lot for load, or recommend bumping up "simply in case," they are ignoring the decreased heat gain and loss from correctly used foam.

Duct design also changes in a spray foam home. Numerous Conway house owners pick to bring ductwork into a conditioned attic. This can be a big advantage, however only if the ducts are sized correctly and sealed well. A securely foamed attic that still has dripping, inadequately balanced ducts will feel like a sports car with flat tires.

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

They measure, not guess. They use airflow readings, static pressure tests, and temperature divides instead of counting on rules of thumb.

They talk about humidity control. They explain how the system will deal with hidden load in shoulder seasons when outdoors temperatures are moderate, however humidity is still brutal.

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

If your specialist never mentions ventilation alternatives, such as energy recovery 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 Task Appears Like in Conway

Not every spray foam job is developed equal. Foam can be a fantastic upgrade, or a source of headaches, depending upon the installation details.

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

1. Detailed examination of the attic, crawlspace, and wall assemblies, consisting of checking for existing wetness issues, roofing system leaks, and ventilation paths that will be changed.
2. Clear discussion about foam type, thickness, target R values, and how current insulation (like fiberglass batts) will be removed or left in location as part of the design.
3. Proper surface area preparation, including cleaning, securing recessed fixtures and mechanical components, and establishing safe gain access to courses for future service.
4. Installation with constant thickness, full coverage at joints and penetrations, and cautious trimming where foam might contact non-rated components or block service panels.
5. Post-installation walkthrough, including describing new attic or crawlspace conditions, resolving any essential ventilation modifications, and coordinating with HVAC adjustments.

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

I have actually crawled through attics where foam protection varied from 2 inches in one location to bare wood only a few feet away. In a climate as humid as Conway, those gaps can become condensation spots, mold threats, and relentless hot zones.



Managing Moisture and Ventilation in a Tight Home

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

A tighter shell modifications where and how wetness gets in and leaves the structure. Rather of slipping in through fractures around can lights and attic hatches, outside air must go into through planned pathways, ideally filtered and conditioned.

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

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

Proper bath and kitchen exhaust. Fans require to vent to the outside and be sized to actually move enough air. In a tighter house, a weak or improperly ducted fan quickly shows its flaws.

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

When ventilation and wetness control are incorporated into the total strategy, a tight shell is a benefit, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers differ widely, however it is possible to describe sensible expectations for a common 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 roofing deck and bringing ductwork into the conditioned space typically cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having fairly efficient equipment and good thermostat settings.

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

Payback times depend on energy rates, the starting condition of your home, and whether you are combining work you currently needed (like a compulsory HVAC replacement) with insulation upgrades. For numerous Conway homeowners, spray foam plus thoughtful HVAC work spends for itself over a period of numerous years, specifically when you factor in comfort and decreased repair work risk.

Those energy savings are not simply theory. They show up in expenses and in the behavior of the system. Shorter, more consistent run times, steadier indoor temperatures, and fewer emergency calls for HVAC Repair Conway SC are daily indications that the envelope and devices are finally using the same team.

Choosing the Right Specialists in Conway

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

Look for crews that comprehend both building science and local code. Ask specific concerns, such as:

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

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

How will you protect existing wiring, can lights, and mechanical devices during spraying?

For HVAC companies, press them on testing. Do they carry out fixed pressure measurements, duct leakage screening, or combustion security look 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 speak about moisture. Contractors who work in Horry County for any length of time regard humidity. If somebody dismisses it or frames spray foam as a basic "insulate and forget" service, 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 habits protect your 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 designed for them raise static pressure and can reverse effectiveness gains.

Keep an eye on indoor humidity. An easy hygrometer can inform you if levels routinely creep above 60 percent. If they do, speak to 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 act differently. Early service sees catch concerns like low airflow or improper charge that may not have appeared before.

Inspect foam surfaces annual, specifically in attics and crawlspaces. You are searching for signs of roofing leakages, insect damage, or unusual staining. Foam itself is stable, however your house around it continues to age and move.

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



Bringing It All Together for Conway Homes

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

Spray Foam Insulation Conway SC can transform a drafty, irregular home into a tight, foreseeable structure that is easier 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 elements are coordinated, house owners see lower bills, quieter operation, more even convenience, and less emergency searches for HVAC repair near me during a heat wave. It is a system, and like any excellent system, the pieces work best when they are created and preserved 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

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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

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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](#)

You might take a short drive to the [Horry County Museum](#). The Horry County Museum reflects how HVAC services, Spray Foam Insulation, and Heating Systems Repairs help preserve exhibits through Reliable Service and Quality Workmanship.