

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 convenience in a Conway home lives or dies on 2 things: how well your house holds conditioned air, and how dependably the HVAC devices can move that air. I have actually strolled into plenty of Horry County homes where a brand new heatpump was working overtime just because the attic appeared like a patchwork quilt of old insulation and air leakages. The homeowner thought they had an HVAC issue. In reality, they had a structure envelope problem.

Spray foam insulation and correct HVAC service go together. Dealt with as a system, they can turn a drafty, irregular home into a tight, effective, and far more comfortable home. Treated separately, they can quickly waste your money.

This is specifically real in Conway, SC, where climate and structure practices produce an unique set of challenges.

Conway's Climate: Why Our Homes Work Harder

Conway summers are long, humid, and unforgiving. A/c unit often battle both temperature level and moisture for eight or 9 months of the year. Winters are short however can still bring cold nights that expose every gap around a rim joist or attic hatch.

In this climate, three things matter a lot more than people recognize:



1. Humidity control, not just air temperature.
2. Attic and crawlspace conditions, not just the rooms you live in.
3. Air leak, not just "R value" on an insulation label.

When someone look for "HVAC Service Conway SC" after another miserable August power expense, they usually believe they require more tonnage, a bigger system, or a complete replacement. Often that is true. More frequently, the house itself, especially the attic and crawl area, is undermining the system they already own. Spray foam insulation, when installed correctly, can alter that equation.

How Spray Foam Modifications the Video Game in Conway Homes

Most existing homes in Conway were developed with fiberglass batts or blown cellulose in the attic and under the floors. They pass code, a minimum of on paper, but they do not stop air motion. The result is a home that inhales all the wrong places.

Closed cell or open cell spray foam insulation Conway SC property owners set up is various. It broadens to fill spaces, cracks, and spaces, then solidifies into a continuous layer. That single information makes a larger distinction than any advertising line about "high R worths."

Consider a normal circumstance I see:

A single story home built in the late 1990s has an air handler in the attic, with flex ducts running over the insulation. The attic regularly strikes 130 to 140 degrees by midafternoon in July. The ductwork is dripping a bit, the boot seals are broken, and the attic insulation is unequal. The property owner complains that the back bedrooms are always hot and the system appears to run constantly.

If you only generate an HVAC technician, they may suggest more supply to the back rooms, a larger system, or maybe a full HVAC Installation Conway SC property owners understand can cost five figures. In some cases that is the best call. However when we attend to the attic as part of the problem, a different path typically makes more sense.

By applying spray foam to the underside of the roof deck and sealing gable vents and penetrations, you transform that superheated attic into a semi conditioned area. Rather of 140 degrees, it might hover closer to the indoor temperature, frequently in the 80s in summer season and far less severe in winter. Ducts now "live" in a much milder environment, and that alone can trim energy usage significantly.

The house feels various. The HVAC system cycles less. Spaces match. Energy expenses drop. The modification is not magic; it is simply physics finally operating in your favor.

Spray Foam vs Standard Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, particularly when budget plan is tight. I have actually seen lots of tasks where a great air sealing pass plus a complement of blown cellulose made more sense than complete foam, especially for owners near to selling.

However, in Conway's combined environment with high humidity, spray foam brings particular benefits:

- It greatly lowers air leakage through the structure envelope, especially at the roofline and sill plates. That indicates less moist outdoor air creeping into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in locations often visited by strong storms.
- Foam does not droop or settle like fibrous products when exposed to humidity swings.
- When utilized properly in crawl spaces, foam can assist keep ducts drier and more efficient.

There are trade offs. Spray foam costs more upfront than conventional insulation, sometimes two to three times as much, depending upon depth and area. It requires a knowledgeable crew and proper ventilation during install. Poor installation can create problems around roofing ventilation, condensation, or access for future repairs.

I inform property owners this: if you prepare to stay in your home at least 7 to ten years, and your HVAC is having a hard time to keep up, a thoughtful mix of spray foam and HVAC improvements generally pencil out over time.

How Foam Impacts HVAC Sizing, Performance, and Planning

Once you significantly tighten up a home with spray foam, the HVAC system's job changes. The structure needs less heating and cooling. That sounds excellent, and it is, but it presents a subtle issue: large equipment.

Oversizing is currently common in our area. Home builders and even some specialists rely on general rules rather than comprehensive load estimations. They might put a 3 ton system in a modest home "simply to be safe," when 2 loads would suffice with a tight envelope.

If you later on include spray foam without recalculating loads, the system can end up being considerably large. That causes:

- Short cycling, which reduces system lifespan.

- Poor humidity control, due to the fact that the system does not run long enough to wring moisture out of the air.
- Uneven temperature levels, with rooms that cool too quickly and after that wander warm between cycles.

This is where incorporated preparation matters. When you are thinking about Spray Foam Insulation Conway SC specialists provide, pair that conversation with a cautious evaluation from a skilled HVAC professional. Before any major HVAC Installation Conway SC house owners authorize, require a Manual J or equivalent load calculation that assumes the enhanced insulation and air sealing.

A best sized unit in a foamed home typically winds up smaller than what your house originally carried. I have changed 3.5 ton systems with 2.5 ton systems after foam, then viewed both comfort and expenses improve. Homeowners in some cases worry that a smaller sized unit will "work too tough." In truth, when the envelope is tight, that properly sized system works steadily and effectively rather of sprinting and resting all day.

When You Believe You Required "HVAC Repair Near Me"

Most HVAC calls start with some variation of "the system runs constantly," "our power costs doubled," or "the back space never ever cools." In Conway, I see a pattern in the underlying causes:

- Duct leak in attics or crawl spaces.
- Poor attic or crawlspace insulation.
- Blocked or undersized returns.
- Refrigerant charge issues.
- A combination of the above.

If your very first relocation is to browse "HVAC repair near me" and call whoever can come the fastest, you might get the immediate issue fixed however miss the bigger photo. A low refrigerant charge can be repaired in an hour. A blistering attic that ruins ducts and stresses compressors year after year is a various animal.

A more strategic approach looks like this:

1. Start with a standard HVAC diagnostic from a credible company of HVAC Service Conway SC citizens trust. Ask them to determine temperature divides, static pressure across the system, and check ductwork and insulation conditions.
2. If they find considerable duct leakage or severe attic/crawl space issues, pause before investing greatly in a new system. Ask how spray foam insulation or air sealing may alter the load and duct conditions.
3. Bring in a spray foam professional happy to collaborate with your HVAC pro, not simply spray and leave.
4. Once the envelope strategy is clear, review system sizing and any required HVAC Repair Conway SC professionals advise, such as duct redesign, brand-new equipment, or zoning.

This type of staged planning can prevent errors like setting up a high end variable speed system that never gets to reveal its benefits due to the fact that ducts are losing 20 percent of the air into a 135 degree attic.

Practical Example: A Conway Ranch That Lastly Cooled Evenly

One home that sticks in my memory sat just outdoors downtown Conway. Brick ranch, low slope roof, initial ductwork from the early 1990s, and a fairly new 3 load heatpump. The owners grumbled that the bedroom and a back workplace were constantly warm, despite the fact that they kept the thermostat at 72.

Attic inspection showed about 6 inches of blown fiberglass, lots of bare spots near eaves, and detached bath fan ducting disposing moist air into the attic. Daytime attic temperature level in July determined 138 degrees. The ducts revealed visible kinks, crushed runs over trusses, and leaky connections.

We could have chased after duct repairs alone. Rather, the owners wanted a long term fix. Here is how we approached it:

- Air sealed can lights, leading plates, and apparent penetrations.
- Sprayed open cell foam along the roofing system deck and gable ends, turning the attic into a semi conditioned space.
- Sealed and re supported duct runs, then re well balanced materials and returns.
- Re examined load estimations; the existing 3 ton system was actually slightly oversize for the now tightened up house, however still within a manageable range.

The temperature level difference between the warmest and coolest rooms dropped from 5 to 6 degrees to about 1 degree. The system cycled less frequently however ran longer at each call, which enhanced humidity control. Their summer season power bill fell roughly 20 percent the first year, and comfort was night and day.

That project cost more than a simple HVAC Repair Conway SC homeowners may expect for a quick fix, however far less than a full system replacement plus duct redesign without insulation work. Most significantly, it solved the issue at its root.





When Spray Foam Is Not the Right First Move

Spray foam is effective, but I have actually talked people out of it more than once. There are cases where it is not the ideal first investment.

If a home's HVAC system is on its last legs, dripping refrigerant regularly, or utilizing a stopped working compressor, and the owner's budget can just stretch so far this year, equipment often has to come first. You can not live comfortably through a Conway summer season with a dead system, no matter how well insulated your attic is.

In other cases, the house might already be fairly tight, but the duct style is flawed. Supplies in all the incorrect locations, insufficient returns, or massive static pressure that cooks blower motors. In those situations, a smart mix of duct redesign and targeted air sealing, in some cases with traditional insulation, provides better bang for the dollar than whole house foam.

Then there is the roof condition. Spraying the underside of an aging roofing system with basic leakages resembles painting over a rusting car. Before any Spray Foam Insulation Conway SC task in an attic, I constantly ask about roof age, current leakage history, and plans for replacement. In some cases it makes sense to address the roofing first, then tighten up the envelope.

What To Ask Before Employing an HVAC or Spray Foam Contractor

The quality of the professional often matters more than the particular brand name of devices or foam. Two crews utilizing comparable products can provide wildly different outcomes depending upon their training, perseverance, and honesty.

To help cut through sales talk, here is a list of concerns that normally reveals a lot about a company's approach:

- For HVAC Service Conway SC service providers: "Do you perform load calculations for replacements, and can I see the results before I sign?"
- For HVAC Installation Conway SC propositions: "How will this brand-new system work with my present insulation and duct layout, and what modifications do you recommend beyond simply package outside?"
- For HVAC repair near me searches: "What is your diagnostic process, and will you measure duct leak or fixed pressure as part of the check out?"
- For Spray Foam Insulation Conway SC bids: "How will you manage ventilation, roofing system leaks, and existing insulation elimination, and what is your plan for access to wiring or future repairs?"
- For any specialist: "Can you walk me through a comparable job you completed in Conway or close-by and what the homeowner saw later in convenience and bills?"

Pay attention not only to the answers, however to how ready they are to explain trade offs. A contractor who confesses that foam is not right for each attic, or that a smaller sized HVAC system is often better than a huge one, is generally one who believes in systems, not just sales.

Maintenance: Protecting Your Financial Investment Over the Long Term

Once you have actually tightened your home and tuned or replaced the HVAC system, maintenance ends up being the basic habit that keeps everything working as promised.

For HVAC systems, that indicates routine filter modifications, seasonal examinations, coil cleansing, and periodic duct evaluations. In this area, I like to see a full service at least once annually. Two times is much better if your home has great deals of residents, family pets, or dust.

For a foamed attic or crawlspace, there is less to "preserve," however it still is worthy of a fast yearly appearance:

Walk the area with a flashlight. Search for apparent water staining, foam separation from framing, or new signs of insect activity. If you see condensation on metal surfaces, especially in a closed attic, that is worth a call to the original installer or an HVAC pro, given that it might indicate ventilation or humidity control issues.

The charm of a well insulated and well serviced home is that it tends to be quieter. Fewer secret drafts, less duct rattles, less iced coils and emergency gets in touch with the first real heat wave.

Balancing Budget plan, Timing, and Goals

Not every house owner in Conway can take on insulation upgrades and full HVAC operate in the very same year. In practice, the majority of people stage the work.

A reasonable sequence for lots of scenarios looks like this:

First, handle important HVAC repairs so the system is safe, practical, and not in danger of catastrophic failure. Then address apparent air sealing problems that are low-cost however high impact, like weatherstripping doors,

sealing attic access hatches, and fixing big penetrations.

Next, plan larger envelope work such as Spray Foam Insulation Conway SC tasks in the attic or crawlspace, preferably throughout a shoulder season when cooling or heating demand is lower. After the envelope is tightened up, review HVAC sizing and performance upgrades. That may suggest replacing an older system with an ideal sized, greater performance system, improving ductwork, or including zoning.

Throughout, keep your own objectives clear. Some owners care most about convenience and indoor air quality. Others are chasing lower costs or greater resale value. Combining spray [HVAC Service Conway SC](#) foam insulation with smart HVAC Service Conway SC professionals offer can move all those needles. The mix of procedures and the order in which you do them will depend upon your particular home and budget.

What matters most is treating your house as a system, not as a collection of detached parts. When the building envelope, ductwork, and HVAC equipment are all dealing with each other instead of against each other, a Conway home feels significantly various. Cooler, drier, quieter in summer. More even and foreseeable in winter season. And month after month, the power costs ends up being a little less painful.

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 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](#)

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.