

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 two things: how well your home holds conditioned air, and how dependably the HVAC devices can move that air. I have strolled into a lot of Horry County homes where a brand name brand-new heatpump was working overtime merely because the attic looked like a patchwork quilt of old insulation and air leakages. The house owner believed they had an HVAC issue. In truth, they had a building envelope problem.

Spray foam insulation and correct HVAC service work together. Dealt with as a system, they can turn a drafty, uneven house into a tight, effective, and much more comfy home. Treated independently, they can easily squander your money.



This is especially true in Conway, SC, where environment and structure habits create a distinct set of challenges.

Conway's Environment: Why Our Houses Work Harder

Conway summers are long, humid, and unforgiving. Air conditioning system often combat both temperature level and wetness for 8 or 9 months of the year. Winters are short but can still bring cold nights that expose every space around a rim joist or attic hatch.

In this environment, 3 things matter a lot more than individuals understand:

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

When somebody look for "HVAC Service Conway SC" after another unpleasant August power bill, they usually believe they require more tonnage, a bigger system, or a complete replacement. Often that holds true. More often, the house itself, specifically the attic and crawl area, is undermining the system they currently own. Spray foam insulation, when installed correctly, can alter that equation.

How Spray Foam Changes the 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

takes in 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 voids, then hardens into a constant layer. That single detail makes a larger difference than any advertising line about "high R worths."

Consider a typical scenario I see:

A single story home integrated in the late 1990s has an air handler in the attic, with flex ducts running over the insulation. The attic regularly hits 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 grumbles that the back bedroom is constantly hot and the system seems to run constantly.

If you only generate an HVAC professional, they might advise more supply to the back rooms, a bigger system, or maybe a complete HVAC Installation Conway SC property owners understand can cost five figures. Often that is the best call. However when we resolve the attic as part of the problem, a different course typically makes more sense.

By using spray foam to the underside of the roofing deck and sealing gable vents and penetrations, you transform that superheated attic into a semi conditioned space. Instead of 140 degrees, it might hover closer to the indoor temperature, often in the 80s in summer season and far less extreme in winter. Ducts now "live" in a much milder environment, and that alone can cut energy use significantly.

The home feels various. The HVAC system cycles less. Rooms match. Energy expenses drop. The modification is not magic; it is just physics lastly operating in your favor.

Spray Foam vs Standard Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, particularly when spending plan is tight. I have seen many jobs where a good air sealing pass plus a complement of blown cellulose made more sense than complete foam, particularly for owners near to selling.

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

- It greatly lowers air leakage through the structure envelope, especially at the roofline and sill plates. That suggests less wet outside air creeping into wall cavities, attics, and crawl spaces.
- Closed cell foam adds some structural rigidity, which matters in areas often visited by strong storms.
- Foam does not droop or settle like fibrous materials when exposed to humidity swings.
- When used correctly in crawl areas, foam can assist keep ducts drier and more efficient.

There are trade offs. Spray foam costs more in advance than traditional insulation, sometimes 2 to 3 times as much, depending on depth and area. It needs a proficient crew and proper ventilation throughout set up. Poor setup can create problems around roofing ventilation, condensation, or gain access to for future repairs.

I inform property owners this: if you prepare to remain 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 enhancements often pencil out over time.

How Foam Affects HVAC Sizing, Performance, and Planning

Once you dramatically tighten a home with spray foam, the HVAC system's job changes. The building needs less heating & cooling. That sounds excellent, and it is, [HVAC Service Conway SC](#) but it presents a subtle concern:

oversized equipment.

Oversizing is currently typical in our location. Contractors and even some specialists count on guidelines rather than comprehensive load estimations. They may put a 3 ton system in a modest home "just to be safe," when 2 tons would be enough with a tight envelope.

If you later include spray foam without recalculating loads, the system can become substantially oversized. That leads to:

- Short cycling, which minimizes system lifespan.
- Poor humidity control, due to the fact that the unit does not run long enough to wring wetness out of the air.
- Uneven temperatures, with spaces that cool too quickly and after that drift warm between cycles.

This is where integrated planning matters. When you are thinking about Spray Foam Insulation Conway SC specialists use, match that conversation with a cautious review from a seasoned HVAC professional. Before any significant HVAC Installation Conway SC homeowners authorize, demand a Manual J or equivalent load computation that assumes the enhanced insulation and air sealing.

A right sized unit in a foamed home typically ends up smaller than what your house initially brought. I have changed 3.5 ton systems with 2.5 ton systems after foam, then enjoyed both comfort and expenses improve. House owners sometimes fret that a smaller system will "work too hard." In truth, when the envelope is tight, that correctly sized system works steadily and efficiently rather of running and resting all day.

When You Think You Need "HVAC Repair Near Me"

Most HVAC calls start with some variation of "the unit runs continuously," "our power costs doubled," or "the back space never 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 mix of the above.

If your first relocation is to browse "HVAC repair near me" and call whoever can come the fastest, you may get the immediate concern resolved however miss out on the larger image. A low refrigerant charge can be repaired in an hour. A blistering attic that ruins ducts and tensions compressors year after year is a various animal.

A more strategic method looks like this:

1. Start with a standard HVAC diagnostic from a respectable company of HVAC Service Conway SC locals trust. Inquire to measure temperature level divides, fixed pressure throughout the system, and examine ductwork and insulation conditions.
2. If they find significant duct leak or serious attic/crawl space problems, pause before investing heavily in a new system. Ask how spray foam insulation or air sealing might alter the load and duct conditions.
3. Bring in a spray foam contractor ready to work together with your HVAC pro, not simply spray and leave.
4. Once the envelope strategy is clear, review system sizing and any needed HVAC Repair Conway SC experts advise, such as duct redesign, brand-new devices, or zoning.

This type of staged planning can avoid bad moves like setting up a luxury variable speed system that never ever gets to show its advantages because ducts are losing 20 percent of the air into a 135 degree attic.

Practical Example: A Conway Cattle Ranch That Finally Cooled Evenly

One home that sticks in my memory sat just outdoors downtown Conway. Brick cattle ranch, low slope roofing, initial ductwork from the early 1990s, and a reasonably new 3 ton heat pump. The owners grumbled that the master bedroom and a back office were always warm, although they kept the thermostat at 72.

Attic examination revealed about 6 inches of blown fiberglass, great deals of bare spots near eaves, and detached bath fan ducting discarding wet air into the attic. Daytime attic temperature in July measured 138 degrees. The ducts revealed visible kinks, crushed runs over trusses, and leaking connections.

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



- Air sealed can lights, top plates, and apparent penetrations.
- Sprayed open cell foam along the roof deck and gable ends, turning the attic into a semi conditioned space.
- Sealed and re supported duct runs, then re balanced materials and returns.
- Re examined load estimations; the existing 3 heap system was really somewhat oversize for the now tightened house, but still within a manageable range.

The temperature level difference in between the warmest and coolest spaces dropped from 5 to 6 degrees to about 1 degree. The unit cycled less frequently however ran longer at each call, which enhanced humidity control.

Their summer power bill fell approximately 20 percent the very first year, and comfort was night and day.

That task cost more than an easy HVAC Repair Conway SC property owners might expect for a fast fix, but far less than a complete system replacement plus duct redesign without insulation work. Most significantly, it fixed the issue at its root.

When Spray Foam Is Not the Right First Move

Spray foam is effective, but I have actually talked individuals out of it more than as soon as. There are cases where it is not the best first investment.

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

In other cases, your home might currently be reasonably tight, but the duct design is flawed. Supplies in all the incorrect locations, insufficient returns, or huge fixed pressure that cooks blower motors. In those circumstances, a wise mix of duct redesign and targeted air sealing, sometimes with standard insulation, gives better bang for the dollar than entire home foam.

Then there is the roof condition. Spraying the underside of an aging roofing system with fundamental leakages resembles painting over a rusting vehicle. Before any Spray Foam Insulation Conway SC task in an attic, I always ask about roofing age, recent leakage history, and plans for replacement. Sometimes it makes sense to deal with the roofing system first, then tighten the envelope.

What To Ask Before Hiring an HVAC or Spray Foam Contractor

The quality of the professional frequently matters more than the particular brand name of equipment or foam. Two crews utilizing similar products can deliver hugely different outcomes depending on their training, persistence, and honesty.

To help cut through sales talk, here is a list of questions that generally reveals a lot about a company's method:

- For HVAC Service Conway SC providers: "Do you perform load computations for replacements, and can I see the outcomes before I sign?"
- For HVAC Installation Conway SC proposals: "How will this brand-new system work with my existing insulation and duct layout, and what modifications do you suggest beyond just the box outside?"
- For HVAC repair near me searches: "What is your diagnostic process, and will you measure duct leak or static pressure as part of the see?"
- For Spray Foam Insulation Conway SC bids: "How will you manage ventilation, roofing system leaks, and existing insulation elimination, and what is your prepare for access to wiring or future repairs?"
- For any specialist: "Can you walk me through a comparable project you finished in Conway or nearby and what the homeowner saw afterward in comfort and costs?"

Pay attention not only to the responses, however to how ready they are to discuss trade offs. A professional who admits that foam is not right for each attic, or that a smaller sized HVAC system is sometimes much better than a big one, is generally one who believes in systems, not simply sales.

Maintenance: Securing Your Financial Investment Over the Long Term

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

For HVAC systems, that implies routine filter modifications, seasonal checkups, coil cleaning, and regular duct evaluations. In this area, I like to see a full service a minimum of once per year. Twice is better if your home has lots of occupants, pets, or dust.

For a foamed attic or crawlspace, there is less to "keep," however it still should have a fast annual appearance:

Walk the space with a flashlight. Search for apparent water staining, foam separation from framing, or new signs of pest activity. If you see condensation on metal surfaces, especially in a closed attic, that deserves a call to the original installer or an HVAC pro, since it could point to ventilation or humidity control issues.

The appeal 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 situation gets in touch with the first real heat wave.

Balancing Budget, Timing, and Goals

Not every property owner in Conway can tackle insulation upgrades and full HVAC work in the exact same year. In practice, the majority of people stage the work.

A practical sequence for many scenarios appears like this:



First, handle vital HVAC repairs so the system is safe, functional, and not in threat of disastrous failure. Then address apparent air sealing problems that are economical however high effect, like weatherstripping doors, sealing attic access hatches, and fixing big penetrations.

Next, plan bigger envelope work such as Spray Foam Insulation Conway SC jobs in the attic or crawlspace, preferably during a shoulder season when cooling or heating demand is lower. After the envelope is tightened up, revisit HVAC sizing and performance upgrades. That may indicate replacing an older system with a best sized, higher performance unit, enhancing ductwork, or including zoning.

Throughout, keep your own goals clear. Some owners care most about comfort and indoor air quality. Others are chasing after lower expenses or greater resale value. Combining spray foam insulation with wise HVAC Service Conway SC experts supply can move all those needles. The mix of measures and the order in which you do them will depend on your particular home and budget.

What matters most is dealing with your house as a system, not as a collection of disconnected parts. When the structure envelope, ductwork, and HVAC equipment are all working with each other instead of versus each other, a Conway home feels significantly various. Cooler, drier, quieter in summertime. More even and foreseeable in winter. And month after month, the power bill becomes 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

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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

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.