

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 passes away on two things: how well the house holds conditioned air, and how reliably the HVAC equipment can move that air. I have walked into lots of Horry County homes where a brand brand-new heatpump was working overtime merely due to the fact that the attic looked like a patchwork quilt of old insulation and air leaks. The property owner thought they had an HVAC problem. In truth, they had a building envelope problem.

Spray foam insulation and proper HVAC service go together. Treated as a system, they can turn a drafty, unequal home into a tight, effective, and much more comfy home. Dealt with individually, they can easily waste your money.

This is specifically true in Conway, SC, where climate and structure routines create an unique set of challenges.

Conway's Environment: Why Our Residences Work Harder

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

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

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

When someone look for "HVAC Service Conway SC" after another unpleasant August power bill, they usually think they need more tonnage, a bigger system, or a full replacement. In some cases that is true. Regularly, your home itself, specifically the attic and crawl area, is weakening the system they currently own. Spray foam insulation, when installed correctly, can change that equation.

How Spray Foam Modifications the Game in Conway Homes

Most existing homes in Conway were built 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 outcome is a house that takes in all the wrong places.

Closed cell or open cell spray foam insulation Conway SC house owners install is different. It broadens to fill gaps, fractures, and spaces, then hardens into a constant layer. That single information makes a bigger difference than any marketing line about "high R worths."

Consider a normal situation 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 routinely strikes 130 to 140 degrees by midafternoon in July. The ductwork is leaking a bit, the boot seals are split, and the attic insulation is uneven. The homeowner complains that the back bedrooms are constantly hot and the system seems to run constantly.

If you just bring in an HVAC professional, they might advise more supply to the back spaces, a larger system, or perhaps a full HVAC Installation Conway SC homeowners understand can cost five figures. Sometimes that is the ideal call. But when we resolve the attic as part of the problem, a various path often makes more sense.

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

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

Spray Foam vs Conventional Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, particularly when budget is tight. I have actually seen numerous tasks where a good air sealing pass plus a complete of blown cellulose made more sense than full foam, specifically for owners near selling.

However, in Conway's mixed climate with high humidity, spray foam brings particular benefits:

- It dramatically decreases air leak through the structure envelope, specifically at the roofline and sill plates. That implies less damp outdoor air sneaking into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in areas frequently checked out by strong storms.
- Foam does not droop or settle like fibrous materials when exposed to humidity swings.
- When used correctly in crawl spaces, foam can help keep ducts drier and more efficient.

There are trade offs. Spray foam costs more in advance than standard insulation, often 2 to 3 times as much, depending on depth and area. It requires an experienced team and correct ventilation during install. Poor

installation can develop issues 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 seven to 10 years, and your HVAC is having a hard time to maintain, a thoughtful mix of spray foam and HVAC enhancements generally pencil out over time.

How Foam Affects HVAC Sizing, Performance, and Planning

Once you considerably tighten a home with spray foam, the HVAC system's job modifications. The structure demands less heating and cooling. That sounds excellent, and it is, but it introduces a subtle issue: large equipment.

Oversizing is currently common in our area. Home builders and even some contractors count on rules of thumb instead of in-depth load calculations. They may put a 3 ton system in a modest home "just to be safe," when 2 heaps would suffice with a tight envelope.

If you later add spray foam without recalculating loads, the system can become significantly oversized. That results in:

- 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 rooms that cool too quickly and after that drift warm between cycles.

This is where integrated planning matters. When you are considering Spray Foam Insulation Conway SC specialists offer, match that conversation with a cautious review from a skilled HVAC professional. Before any significant HVAC Installation Conway SC homeowners authorize, demand a Manual J or comparable load estimation that presumes the enhanced insulation and air sealing.

A best sized unit in a foamed home typically ends up smaller than what your house originally brought. I have changed 3.5 ton systems with 2.5 heap systems after foam, then saw both convenience and expenses improve. House owners in some cases stress that a smaller system will "work too difficult." In truth, when the envelope is tight, that properly sized system works steadily and efficiently instead of sprinting and resting all day.

When You Think You Required "HVAC Repair Near Me"

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

- Duct leakage 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 search "HVAC repair near me" and call whoever can come the fastest, you might get the immediate problem fixed but miss the bigger image. A low refrigerant charge can be fixed in an hour. A blistering attic that ruins ducts and tensions compressors year after year is a different animal.

A more tactical method looks like this:

1. Start with a standard HVAC diagnostic from a reliable supplier of HVAC Service Conway SC residents trust. Inquire to measure temperature splits, static pressure throughout the system, and examine ductwork and insulation conditions.
2. If they find considerable duct leak or major attic/crawl space issues, time out before investing greatly in a brand-new system. Ask how spray foam insulation or air sealing might change the load and duct conditions.
3. Bring in a spray foam professional going to collaborate with your HVAC pro, not simply spray and leave.
4. Once the envelope plan is clear, review system sizing and any required HVAC Repair Conway SC specialists suggest, such as duct redesign, brand-new equipment, or zoning.

This type of staged preparation can avoid errors like installing a high-end variable speed system that never ever gets to reveal its advantages since 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 simply outside downtown Conway. Brick ranch, low slope roofing, original ductwork from the early 1990s, and a reasonably new 3 load heat pump. The owners complained that the master bedroom and a back office were constantly warm, despite the fact that they kept the thermostat at 72.





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



We might have chased duct repairs 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 roofing deck and gable ends, turning the attic into a semi conditioned space.
- Sealed and re supported duct runs, then re balanced supplies and returns.
- Re inspected load estimations; the existing 3 ton system was really a little oversize for the now tightened home, but still within a manageable range.

The temperature level difference in between the hottest and coolest rooms dropped from 5 to 6 degrees to about 1 degree. The unit cycled less frequently but ran longer at each call, which improved humidity control. Their summer season power bill fell approximately 20 percent the very first year, and comfort was night and day.

That job cost more than an easy HVAC Repair Conway SC homeowners might anticipate for a fast repair, however far less than a complete system replacement plus duct redesign without insulation work. Most importantly, it resolved the issue at its root.

When Spray Foam Is Not the Right First Move

Spray foam is effective, however I have actually talked individuals out of it more than when. There are cases where it is not the right very first investment.

If a home's HVAC system is on its last legs, leaking refrigerant regularly, or using a stopped working compressor, and the owner's budget can only stretch so far this year, equipment typically has to precede. You can not live conveniently through a Conway summer season with a dead system, no matter how well insulated your attic is.

In other cases, your home might currently be relatively tight, however the duct design is flawed. Products in all the incorrect places, inadequate returns, or massive static pressure that cooks blower motors. In those circumstances, a smart mix of duct redesign and targeted air sealing, sometimes with traditional insulation, provides much better bang for the buck than whole house foam.

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

What To Ask Before Working With an HVAC or Spray Foam Contractor

The quality of the specialist often matters more than the particular brand name of equipment or foam. 2 teams using comparable products can provide extremely various outcomes depending on their training, persistence, and honesty.

To assistance cut through sales talk, here is a short list of concerns that generally reveals a lot about a business's method:

- For HVAC Service Conway SC service providers: "Do you perform load estimations for replacements, and can I see the results before I sign?"
- For HVAC Installation Conway SC proposals: "How will this brand-new system deal with my existing insulation and duct design, and what changes do you recommend beyond just package outside?"
- For HVAC repair near me searches: "What is your diagnostic procedure, and will you measure duct leak or static pressure as part of the go to?"
- For Spray Foam Insulation Conway SC quotes: "How will you handle ventilation, roofing system leaks, and existing insulation removal, and what is your prepare for access to circuitry or future repair work?"
- For any specialist: "Can you stroll me through a comparable project you completed in Conway or nearby and what the property owner saw afterward in comfort and bills?"

Pay attention not just to the responses, however to how prepared they are to explain trade offs. A specialist who admits that foam is wrong for each attic, or that a smaller HVAC system is sometimes better than a big one, is normally one who believes in systems, not simply sales.

Maintenance: Protecting Your Investment Over the Long Term

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

For HVAC systems, that implies regular filter modifications, seasonal examinations, coil cleaning, and routine duct assessments. In this area, I like to see a complete at least once per year. Twice is better if your home has lots of

occupants, animals, or dust.

For a foamed attic or crawlspace, there is less to "keep," but it still deserves a quick annual look:

Walk the space with a flashlight. Look for apparent water staining, foam [HVAC Installation Conway SC](#) separation from framing, or new indications of bug activity. If you see condensation on metal surface areas, particularly in a closed attic, that is worth a call to the initial installer or an HVAC pro, because it might indicate ventilation or humidity control issues.

The appeal of a well insulated and well serviced home is that it tends to be quieter. Less mystery drafts, less duct rattles, fewer iced coils and emergency situation gets in touch with the very first genuine heat wave.

Balancing Budget plan, Timing, and Goals

Not every property owner in Conway can deal with insulation upgrades and full HVAC operate in the same year. In practice, many people stage the work.

A sensible series for lots of circumstances looks like this:

First, deal with vital HVAC repairs so the system is safe, functional, and not in risk of devastating failure. Then address apparent air sealing issues that are economical however high impact, like weatherstripping doors, sealing attic gain access to hatches, and fixing large penetrations.

Next, strategy 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 need is lower. After the envelope is tightened, review HVAC sizing and performance upgrades. That may mean replacing an older system with a right sized, higher efficiency system, improving ductwork, or including zoning.

Throughout, keep your own goals clear. Some owners care most about comfort and indoor air quality. Others are chasing lower expenses or greater resale value. Integrating spray foam insulation with smart HVAC Service Conway SC specialists provide can move all those needles. The mix of steps and the order in which you do them will depend upon your specific 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 devices are all working with each other rather of against each other, a Conway home feels considerably various. Cooler, drier, quieter in summer. More even and predictable in winter season. And month after month, the power expense 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

Tech Service Heating Cooling and Spray Foam supports commercial buildings

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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

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

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.