

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 2 things: how well your house holds conditioned air, and how reliably the HVAC devices can move that air. I have actually walked into a lot of Horry County homes where a brand name brand-new heat pump was working overtime just because the attic looked like a patchwork quilt of old insulation and air leakages. The homeowner believed they had an HVAC issue. In truth, they had a building envelope problem.





Spray foam insulation and correct HVAC service go hand in hand. Dealt with as a system, they can turn a drafty, uneven home into a tight, efficient, and even more comfortable home. Dealt with individually, they can quickly squander your money.

This is especially real in Conway, SC, where environment and structure routines create an unique set of challenges.

Conway's Environment: Why Our Homes Work Harder

Conway summertimes are long, damp, and unforgiving. Air conditioners frequently combat both temperature and wetness for 8 or 9 months of the year. Winters are short however can still bring cold nights that expose every space around a rim joist or attic hatch.

In this environment, three things matter a lot more than people understand:

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

When someone look for "HVAC Service Conway SC" after another miserable August power bill, they normally think they need more tonnage, a larger system, or a complete replacement. Often that is true. Regularly, the house itself, specifically the attic and crawl space, is weakening the system they currently own. Spray foam insulation, when set up properly, can alter that equation.

How Spray Foam Modifications the Video 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, at least on paper, but they do not stop air motion. The result is a house that inhales all the wrong places.

Closed cell or open cell spray foam insulation Conway SC house owners set up is different. It expands to fill gaps, fractures, and voids, then solidifies into a constant layer. That single information makes a larger difference than any advertising line about "high R worths."

Consider a typical scenario 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 frequently 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 complains that the back bedrooms are constantly hot and the system appears to run constantly.

If you only bring in an HVAC technician, they might suggest more supply to the back rooms, a bigger system, or maybe a full HVAC Installation Conway SC house owners understand can cost five figures. In some cases that is the right call. However when we resolve the attic as part of the issue, a different course often makes more sense.

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

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

Spray Foam vs Standard Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, especially when budget is tight. I have actually seen lots of jobs where an excellent 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 mixed environment with high humidity, spray foam brings particular advantages:

- It sharply lowers air leak through the building envelope, especially at the roofline and sill plates. That indicates less damp outside air sneaking into wall cavities, attics, and crawl spaces.
- Closed cell foam adds some structural rigidity, which matters in areas regularly visited by strong storms.
- Foam does not droop or settle like fibrous products when exposed to humidity swings.
- When utilized correctly in crawl areas, foam can help keep ducts drier and more efficient.

There are trade offs. Spray foam costs more in advance than standard insulation, in some cases 2 to 3 times as much, depending on depth and area. It requires a knowledgeable crew and proper ventilation during install. Poor installation can develop issues around roofing ventilation, condensation, or access for future repairs.

I inform house owners this: if you plan to remain in your home at least seven to ten years, and your HVAC is having a hard time to maintain, a thoughtful mix of spray foam and HVAC enhancements usually pencil out over time.

How Foam Affects HVAC Sizing, Performance, and Planning

Once you drastically tighten up a house with spray foam, the HVAC system's task changes. The building needs less heating & cooling. That sounds excellent, and it is, but it introduces a subtle issue: large equipment.

Oversizing is currently typical in our area. Builders and even some professionals count on rules of thumb instead of in-depth load estimations. They might 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 add spray foam without recalculating loads, the system can become substantially extra-large. That causes:

- Short cycling, which reduces system lifespan.
- Poor humidity control, since the system does not run long enough to wring moisture out of the air.
- Uneven temperatures, with rooms that cool too rapidly and then drift warm in between cycles.

This is where integrated planning matters. When you are thinking about Spray Foam Insulation Conway SC professionals use, combine that discussion with a mindful review from a skilled HVAC professional. Before any significant HVAC Installation Conway SC house owners approve, demand a Manual J or equivalent load computation that presumes the improved insulation and air sealing.

A best sized unit in a foamed home often winds up smaller than what your house initially carried. I have actually replaced 3.5 load systems with 2.5 lot systems after foam, then watched both comfort and costs improve. House owners sometimes fret that a smaller sized system will "work too difficult." In reality, when the envelope is tight, that correctly sized system works gradually and efficiently rather of running and resting all day.

When You Believe You Need "HVAC Repair Near Me"

Most HVAC calls start with some variation of "the unit runs continuously," "our power bill 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 very first move is to search "HVAC repair near me" and call whoever can come the fastest, you might get the immediate concern solved but miss the larger photo. A low refrigerant charge can be fixed in an hour. A blistering attic that ruins ducts and stresses compressors year after year is a various animal.

A more tactical approach appears like this:

1. Start with a standard HVAC diagnostic from a credible supplier of HVAC Service Conway SC citizens trust. Inquire to determine temperature divides, static pressure across the system, and check ductwork and insulation conditions.
2. If they discover substantial duct leakage or severe attic/crawl area problems, pause before investing greatly in a brand-new system. Ask how spray foam insulation or air sealing may alter the load and duct conditions.
3. Bring in a spray foam professional ready to work together with your HVAC pro, not just spray and leave.
4. Once the envelope strategy is clear, review system sizing and any needed HVAC Repair Conway SC experts recommend, such as duct redesign, new equipment, or zoning.

This kind of staged preparation can prevent bad moves like installing a luxury variable speed system that never gets to reveal 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 simply outdoors downtown Conway. Brick cattle ranch, low slope roof, original ductwork from the early 1990s, and a fairly brand-new 3 load heat pump. The owners grumbled that the bedroom and a back workplace were always warm, although they kept the thermostat at 72.

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

We might have chased 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 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 checked load calculations; the existing 3 heap system was really somewhat oversize for the now tightened up home, however still within a manageable range.

The temperature difference in between the hottest and coolest spaces dropped from 5 to 6 degrees to about 1 degree. The system cycled less typically however ran longer at each call, which enhanced humidity control. Their summer power expense fell approximately 20 percent the first year, and comfort was night and day.

That task cost more than an easy HVAC Repair Conway SC house owners may expect for a fast repair, however far less than a complete system replacement plus duct redesign without insulation work. Most notably, it solved 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 as soon as. There are cases where it is not the ideal very first investment.

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

In other cases, your house might currently be fairly tight, but the duct style is flawed. Products in all the wrong places, inadequate returns, or massive fixed pressure that cooks blower motors. In those circumstances, a wise mix of duct redesign and targeted air sealing, sometimes with traditional insulation, offers much better bang for the buck than whole home foam.

Then there is the roofing system condition. Spraying the underside of an aging roofing with basic leaks resembles painting over a rusting automobile. Before any Spray Foam Insulation Conway SC project in an attic, I always ask about roof age, recent leakage history, and prepare for replacement. Sometimes it makes good sense to deal with the roofing system first, then tighten 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. 2 crews utilizing comparable materials can deliver hugely different outcomes depending on their training, persistence, and honesty.

To help cut through sales talk, here is a short list of questions that typically exposes a lot about a business's approach:

- For HVAC Service Conway SC suppliers: "Do you perform load computations 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 current insulation and duct layout, and what modifications do you advise beyond simply package outside?"
- For HVAC repair near me searches: "What is your diagnostic procedure, and will you determine duct leak or static pressure as part of the visit?"
- For Spray Foam Insulation Conway SC bids: "How will you deal with ventilation, roofing system leakages, and existing insulation elimination, and what is your plan for access to circuitry or future repairs?"
- For any professional: "Can you walk me through a similar job you completed in Conway or neighboring and what the homeowner saw afterward in comfort and costs?"

Pay attention not just to the responses, but to how prepared they are to discuss trade offs. A contractor who admits that foam is wrong for every attic, or that a smaller HVAC system is sometimes much better than a huge one, is generally one who believes in systems, not simply sales.



Maintenance: Safeguarding 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 routine that keeps whatever working as promised.

For HVAC systems, that suggests regular filter changes, seasonal checkups, coil cleaning, and routine duct examinations. In this region, I like to see a full service at least once per year. Twice is better if your home has great deals of residents, pets, or dust.

For a foamed attic or crawlspace, there is less to "maintain," however it still should have a fast yearly look:

Walk the space with a flashlight. Look for obvious water staining, foam separation from framing, or new indications of bug 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 could indicate ventilation or humidity control issues.

The charm of a well insulated and well serviced home is that it tends to be quieter. Less mystery drafts, fewer duct rattles, less iced coils and emergency situation calls on the first real heat wave.

Balancing Budget plan, Timing, and Goals

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

A practical series for numerous circumstances appears like this:

First, deal with crucial HVAC repairs so the system is safe, functional, and not in risk of catastrophic failure. Then address apparent air sealing problems that are low-cost however high effect, like weatherstripping doors, sealing attic gain access to hatches, and fixing large penetrations.

Next, strategy bigger envelope work such as Spray Foam Insulation Conway SC projects in the attic or crawlspace, preferably during a shoulder season when cooling or heating demand is lower. After the envelope is tightened, revisit HVAC sizing and effectiveness upgrades. That may imply changing an older system with an ideal sized, higher performance unit, enhancing ductwork, or adding zoning.

Throughout, keep your own objectives clear. Some owners care most about comfort and indoor air quality. Others are going after lower bills or greater resale worth. Integrating spray foam insulation with wise HVAC Service Conway SC experts offer 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 treating the house as a system, not as a collection of disconnected parts. When the building envelope, ductwork, and HVAC equipment are all working with each other instead of against each other, a Conway home feels dramatically various. Cooler, drier, quieter in summertime. More even and foreseeable in winter season. And month after month, [Tech Service Heating/Cooling & Spray Foam HVAC Repair Conway SC](#) 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

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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
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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:8434881571), 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.