

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 comfort in a Conway home lives or passes away on 2 things: how well the house holds conditioned air, and how reliably the HVAC devices can move that air. I have actually walked into lots of Horry County homes where a brand name brand-new heatpump was working overtime merely since the attic appeared like a patchwork quilt of old insulation and air leakages. The homeowner believed they had an HVAC issue. In truth, they had a structure envelope problem.

Spray foam insulation and proper HVAC service go together. Dealt with as a system, they can turn a drafty, irregular house into a tight, effective, and even more comfortable home. Dealt with independently, they can easily lose your money.

This is specifically true in Conway, SC, where climate and building routines produce a distinct set of challenges.

Conway's Climate: Why Our Residences Work Harder

Conway summertimes are long, damp, and unforgiving. A/c frequently fight both temperature and moisture for eight or nine months of the year. Winters are short but 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 individuals recognize:

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

When someone searches for "HVAC Service Conway SC" after another unpleasant August power expense, they usually think they need more tonnage, a bigger system, or a full replacement. Sometimes that is true. More often, the house itself, particularly the attic and crawl area, is undermining the system they currently own. Spray foam insulation, when installed properly, can change 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 outcome is a home that takes in all the wrong places.

Closed cell or open cell spray foam insulation Conway SC property owners install is different. It expands to fill gaps, cracks, and voids, then hardens into a continuous layer. That single detail makes a larger distinction than any advertising line about "high R worths."

Consider a common 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 routinely hits 130 to 140 degrees by midafternoon in July. The ductwork is leaking a bit, the boot seals are split, and the attic insulation is irregular. The house owner complains that the back bedrooms are always hot and the unit seems to run constantly.

If you just bring in an HVAC professional, they may advise more supply to the back spaces, a bigger system, or maybe a complete HVAC Installation Conway SC homeowners know can cost 5 figures. Often that is the right call. But when we resolve the attic as part of the issue, a various course frequently makes more sense.

By using spray foam to the underside of the roofing system 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 level, frequently in the 80s in summertime and far less severe in winter season. Ducts now "live" in a much milder environment, which alone can cut energy use significantly.

The home feels various. The HVAC system cycles less. Spaces match. Energy expenses drop. The modification is not magic; it is merely physics lastly operating 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 seen numerous tasks where a great air sealing pass plus a complement of blown cellulose made more sense than complete foam, especially for owners near selling.

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

- It dramatically minimizes air leak through the structure envelope, specifically at the roofline and sill plates. That implies less damp outside air sneaking into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in locations regularly gone to by strong storms.
- Foam does not sag 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 traditional insulation, sometimes 2 to 3 times as much, depending upon depth and location. It needs a proficient team and proper ventilation during install. Poor setup 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 keep up, a thoughtful combination of spray foam and HVAC improvements almost always

pencil out over time.



How Foam Affects HVAC Sizing, Performance, and Planning

Once you dramatically tighten up a house with spray foam, the HVAC system's job modifications. The building demands less heating & cooling. That sounds great, and it is, however it presents a subtle issue: oversized equipment.

Oversizing is currently typical in our location. Home builders and even some contractors count on general rules rather than in-depth load computations. They may put a 3 load system in a modest home "simply to be safe," when 2 tons would suffice with a tight envelope.

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

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

This is where incorporated planning matters. When you are thinking about Spray Foam Insulation Conway SC professionals use, combine that discussion with a mindful evaluation from an experienced HVAC professional.

Before any significant HVAC Installation Conway SC house owners authorize, require a Manual J or equivalent load calculation that assumes the improved insulation and air sealing.

A right sized system in a foamed home typically ends up smaller than what your house originally brought. I have changed 3.5 lot systems with 2.5 heap systems after foam, then enjoyed both comfort and expenses enhance. Homeowners sometimes stress that a smaller sized unit will "work too difficult." In truth, when the envelope is tight, that properly sized system works progressively and effectively 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 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 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 very first move is to search "HVAC repair near me" and call whoever can come the fastest, you might get the immediate problem solved but miss out on the larger picture. A low refrigerant charge can be fixed in an hour. A blistering attic that ruins ducts and stresses compressors year after year is a different animal.

A more tactical approach appears like this:

1. Start with a standard HVAC diagnostic from a trustworthy supplier of HVAC Service Conway SC locals trust. Inquire to determine temperature level splits, static pressure across the system, and examine ductwork and insulation conditions.
2. If they discover significant duct leak or severe attic/crawl space problems, time out 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 specialist happy to collaborate with your HVAC pro, not just spray and leave.
4. Once the envelope plan is clear, review system sizing and any needed HVAC Repair Conway SC specialists suggest, such as duct redesign, brand-new equipment, or zoning.

This kind of staged preparation can avoid mistakes like setting up a high-end variable speed system that never gets to reveal its benefits 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 roofing, initial ductwork from the early 1990s, and a relatively brand-new 3 lot heat pump. The owners grumbled that the master bedroom and a back office were always warm, even though 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 discarding damp air into the attic. Daytime attic temperature level in July measured 138 degrees. The ducts showed visible kinks, crushed runs over trusses, and leaky connections.

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

- Air sealed can lights, top plates, and obvious 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 well balanced materials and returns.
- Re inspected load calculations; the existing 3 load system was really slightly oversize for the now tightened home, but still within a workable range.

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

That job cost more than a basic HVAC Repair Conway SC property owners might expect for a quick fix, however far less than a full system replacement plus duct redesign without insulation work. Most significantly, it resolved the problem 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 as soon as. There are cases where it is not the right first investment.

If a home's HVAC system is on its last legs, dripping refrigerant frequently, or using a failed compressor, and the owner's budget plan can only stretch so far this year, devices often needs to precede. 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 house might already be fairly tight, but the duct design is flawed. Supplies in all the incorrect locations, inadequate returns, or huge static pressure that cooks blower motors. In those scenarios, a smart mix of duct redesign and targeted air sealing, sometimes with traditional insulation, provides much better bang for the buck than whole home foam.

Then there is the roof condition. Spraying the underside of an aging roofing with basic leaks is like painting over a rusting vehicle. Before any Spray Foam Insulation Conway SC project in an attic, I constantly ask about roofing system age, recent leakage history, and prepare for replacement. Often it makes sense to resolve the roof initially, then tighten up the envelope.

What To Ask Before Hiring an HVAC or Spray Foam Contractor

The quality of the specialist typically matters more than the specific brand of equipment or foam. Two teams utilizing comparable products can provide hugely different outcomes depending upon their training, patience, and honesty.

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

- For HVAC Service Conway SC suppliers: "Do you carry out load estimations for replacements, and can I see the outcomes before I sign?"
- For HVAC Installation Conway SC propositions: "How will this new system work with my present insulation and duct layout, and what modifications do you advise beyond simply package outside?"
- For HVAC repair near me searches: "What is your diagnostic process, and will you measure duct leakage or fixed pressure as part of the go to?"
- For Spray Foam Insulation Conway SC quotes: "How will you manage ventilation, roofing leaks, and existing insulation removal, and what is your plan for access to electrical wiring or future repairs?"

- For any professional: "Can you stroll me through a similar job you completed in Conway or nearby and what the homeowner saw later in convenience and expenses?"

Pay attention not just to the responses, but to how prepared they are to discuss trade offs. A professional who confesses that foam is not right for each attic, or that a smaller HVAC system is sometimes better than a big one, is typically one who thinks in systems, not simply sales.

Maintenance: Safeguarding Your Investment Over the Long Term

Once you have actually tightened your home and tuned or changed the HVAC system, maintenance becomes the easy habit that keeps whatever working as promised.

For HVAC systems, that suggests regular filter modifications, seasonal checkups, coil cleaning, and periodic duct assessments. In this region, I like to see a full service a minimum of when annually. Twice is much better if your home has lots of occupants, pets, or dust.

For a foamed attic or crawlspace, there is less to "maintain," but it still should have a quick annual look:

Walk the area with a flashlight. Try to find obvious water staining, foam separation from framing, or brand-new signs of pest activity. If you see condensation on metal surface areas, especially in a closed attic, that deserves a call to the initial installer or an HVAC pro, since it could indicate ventilation or humidity control issues.

The beauty of a well insulated and well serviced home is that it [HVAC Service Conway SC Tech Service Heating/Cooling & Spray Foam](#) tends to be quieter. Less mystery drafts, less duct rattles, fewer iced coils and emergency calls on the first real heat wave.

Balancing Budget plan, Timing, and Goals

Not every homeowner in Conway can deal with insulation upgrades and complete HVAC operate in the exact same year. In practice, most people stage the work.

A reasonable series for many circumstances appears like this:

First, handle vital HVAC repairs so the system is safe, functional, and not in risk of disastrous failure. Then address apparent air sealing issues that are affordable but high effect, like weatherstripping doors, sealing attic access hatches, and fixing large penetrations.

Next, plan bigger envelope work such as Spray Foam Insulation Conway SC tasks in the attic or crawlspace, preferably during a shoulder season when cooling or heating need is lower. After the envelope is tightened, revisit HVAC sizing and performance upgrades. That might mean changing an older system with an ideal sized, higher effectiveness system, improving ductwork, or including zoning.

Throughout, keep your own objectives clear. Some owners care most about comfort and indoor air quality. Others are going after lower expenses or higher resale value. Combining spray foam insulation with smart HVAC Service Conway SC professionals supply can move all those needles. The mix of measures 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 building envelope, ductwork, and HVAC devices are all dealing with each other rather of against each other, a Conway home feels significantly different. Cooler, drier, quieter in summertime. More even and foreseeable in winter season. And month after month, the power costs ends up being a little less painful.



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- Tech Service Heating Cooling and Spray Foam installs air conditioning systems
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- Tech Service Heating Cooling and Spray Foam improves indoor comfort
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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](#)

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.