

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 equipment can move that air. I have strolled into a lot of Horry County homes where a brand name new heat pump was working overtime merely because the attic looked like a patchwork quilt of old insulation [techhvac-foam.com](#) HVAC Service Conway SC and air leaks. The house owner thought they had an HVAC issue. In reality, they had a structure envelope problem.

Spray foam insulation and proper HVAC service work together. Treated as a system, they can turn a drafty, irregular home into a tight, effective, and far more comfortable home. Treated independently, they can easily waste your money.

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

Conway's Environment: Why Our Homes Work Harder

Conway summertimes are long, damp, and unforgiving. A/c unit frequently battle both temperature and wetness for 8 or 9 months of the year. Winters are brief but can still bring cold nights that expose every space around a rim joist or attic hatch.

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

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

When someone searches for "HVAC Service Conway SC" after another unpleasant August power expense, they generally think they need more tonnage, a larger system, or a full replacement. Sometimes that holds true. More often, your house itself, specifically the attic and crawl area, is weakening the system they already own. Spray foam insulation, when installed properly, can alter that equation.

How Spray Foam Modifications the Game in Conway Homes

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

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

Consider a normal circumstance 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 frequently 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 unequal. The property owner grumbles that the back bedrooms are constantly hot and the unit seems to run constantly.

If you just generate an HVAC specialist, they might suggest more supply to the back spaces, a bigger system, or perhaps a full HVAC Installation Conway SC property owners know can cost 5 figures. Often that is the ideal call. But when we deal with the attic as part of the problem, a different course often makes more sense.

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

The house feels different. The HVAC system cycles less. Rooms match. Energy bills drop. The modification is not magic; it is just physics lastly working in your favor.

Spray Foam vs Conventional Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, specifically when budget plan 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 full foam, especially for owners close to selling.

However, in Conway's blended climate with high humidity, spray foam brings specific benefits:

- It sharply lowers air leakage through the building envelope, specifically at the roofline and sill plates. That implies less wet outside air sneaking into wall cavities, attics, and crawl spaces.
- Closed cell foam adds some structural rigidness, which matters in locations often checked out by strong storms.
- Foam does not droop or settle like fibrous products when exposed to humidity swings.
- When utilized correctly in crawl spaces, foam can assist keep ducts drier and more efficient.

There are trade offs. Spray foam costs more in advance than standard insulation, in some cases two to three times as much, depending on depth and area. It requires a knowledgeable team and proper ventilation during

set up. Poor installation can develop issues around roof ventilation, condensation, or access for future repairs.

I tell homeowners this: if you plan to stay in your home at least seven to 10 years, and your HVAC is having a hard time to keep up, a thoughtful combination of spray foam and HVAC enhancements almost always pencil out over time.

How Foam Impacts HVAC Sizing, Performance, and Planning

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

Oversizing is already common in our area. Home builders and even some specialists count on rules of thumb instead of detailed load calculations. They may put a 3 ton system in a modest home "simply to be safe," when 2 tons would suffice with a tight envelope.

If you later add spray foam without recalculating loads, the system can end up being substantially extra-large. That leads to:



- Short cycling, which minimizes system lifespan.
- Poor humidity control, since the unit does not run enough time to wring moisture out of the air.
- Uneven temperature levels, with spaces that cool too rapidly and after that drift warm between cycles.

This is where integrated planning matters. When you are considering Spray Foam Insulation Conway SC contractors offer, pair that discussion with a mindful evaluation from an experienced HVAC professional. Before any significant HVAC Installation Conway SC house owners authorize, demand a Manual J or equivalent load estimation that assumes the enhanced insulation and air sealing.

An ideal sized system in a foamed home frequently winds up smaller than what your home originally brought. I have actually changed 3.5 load systems with 2.5 heap systems after foam, then watched both comfort and costs enhance. Homeowners sometimes stress that a smaller sized unit will "work too tough." In reality, when the envelope is tight, that properly sized system works progressively and effectively instead of running and resting all day.

When You Believe You Required "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 leakage in attics or crawl spaces.
- Poor attic or crawlspace insulation.
- Blocked or undersized returns.
- Refrigerant charge issues.
- A combination 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 instant problem fixed however miss the bigger 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 different animal.

A more strategic technique looks like this:

1. Start with a basic HVAC diagnostic from a reliable service provider of HVAC Service Conway SC locals trust. Ask them to measure temperature splits, static pressure across the system, and examine ductwork and insulation conditions.
2. If they discover substantial duct leak or major attic/crawl space concerns, 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 suggest, such as duct redesign, new devices, or zoning.

This kind of staged planning can prevent missteps 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 Ranch That Lastly Cooled Evenly

One home that sticks in my memory sat simply outside downtown Conway. Brick ranch, low slope roofing, initial ductwork from the early 1990s, and a fairly brand-new 3 ton heatpump. The owners complained that the master bedroom and a back office were always warm, although they kept the thermostat at 72.

Attic examination showed about 6 inches of blown fiberglass, lots of bare spots near eaves, and disconnected bath fan ducting dumping wet air into the attic. Daytime attic temperature level in July determined 138 degrees. The ducts showed noticeable kinks, crushed runs over trusses, and leaking connections.

We might have gone after duct repairs alone. Instead, the owners desired a long term fix. Here is how we approached it:

- Air sealed can lights, leading 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 supplies and returns.
- Re checked load estimations; the existing 3 heap system was in fact somewhat oversize for the now tightened home, however still within a workable range.

The temperature level difference in between the hottest and coolest spaces 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 power costs fell approximately 20 percent the very first year, and convenience was night and day.



That job cost more than a basic HVAC Repair Conway SC property owners might anticipate for a quick fix, however far less than a complete system replacement plus duct redesign without insulation work. Most importantly, it fixed the problem at its root.

When Spray Foam Is Not the Right First Move

Spray foam is powerful, however I have talked individuals 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 utilizing a stopped working compressor, and the owner's spending plan can just stretch so far this year, devices typically needs to precede. 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, your house may currently be relatively tight, but the duct style is flawed. Materials in all the wrong places, inadequate returns, or enormous static pressure that cooks blower motors. In those scenarios, a smart combination of duct redesign and targeted air sealing, in some cases with standard insulation, offers better bang for the buck than entire home foam.



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

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

The quality of the professional typically matters more than the particular brand of equipment or foam. 2 teams utilizing similar products can deliver extremely various results depending on their training, patience, and honesty.

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

- For HVAC Service Conway SC providers: "Do you carry out 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 deal with my present insulation and duct layout, and what modifications do you advise beyond just package 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 deal with ventilation, roofing leaks, and existing insulation removal, and what is your prepare for access to circuitry or future repair work?"
- For any specialist: "Can you walk me through a similar job you finished in Conway or neighboring and what the homeowner saw afterward in convenience and costs?"

Pay attention not only to the answers, but to how willing they are to describe trade offs. A contractor who admits that foam is not right for each attic, or that a smaller sized HVAC system is sometimes much better than a huge one, is generally one who thinks in systems, not simply sales.

Maintenance: Safeguarding Your Investment Over the Long Term

Once you have tightened your home and tuned or replaced the HVAC system, maintenance becomes the simple routine that keeps everything working as promised.

For HVAC systems, that means regular filter changes, seasonal checkups, coil cleansing, and regular duct assessments. In this region, I like to see a full service at least when per year. Two times is much better if your home has great deals of occupants, animals, or dust.

For a foamed attic or crawlspace, there is less to "preserve," but it still should have a fast yearly appearance:

Walk the space with a flashlight. Try to find obvious water staining, foam separation from framing, or new signs of insect activity. If you see condensation on metal surfaces, particularly 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 appeal of a well insulated and well serviced home is that it tends to be quieter. Fewer mystery drafts, less duct rattles, less iced coils and emergency situation gets in touch with the very first genuine heat wave.

Balancing Spending plan, Timing, and Goals

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

A sensible sequence for many circumstances appears like this:

First, manage important HVAC repairs so the system is safe, functional, and not in danger of catastrophic failure. Then address obvious air sealing problems that are inexpensive however high effect, like weatherstripping doors, sealing attic access hatches, and repairing large penetrations.

Next, strategy 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 demand is lower. After the envelope is tightened, review HVAC sizing and effectiveness upgrades. That may mean changing an older system with a best sized, higher performance system, enhancing ductwork, or including zoning.

Throughout, keep your own goals clear. Some owners care most about comfort and indoor air quality. Others are chasing lower costs or higher resale worth. Combining spray foam insulation with smart HVAC Service Conway SC professionals 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 detached parts. When the building 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 summer. 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 & Spray Foam has a phone number of (843) 488-1571
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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>
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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:(843)488-1571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

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