

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 2 things: how well your 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 heat pump was working overtime just due to the fact that the attic appeared like a patchwork quilt of old insulation and air leakages. The house owner believed they had an HVAC issue. In reality, they had a building envelope problem.

Spray foam insulation and appropriate HVAC service work together. Treated as a system, they can turn a drafty, uneven house into a tight, efficient, and far more comfy home. Treated individually, they can quickly waste your money.

This is especially true in Conway, SC, where environment and structure practices develop a special set of challenges.

Conway's Environment: Why Our Houses Work Harder

Conway summertimes are long, humid, and unforgiving. A/c 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 gap around a rim joist or attic hatch.

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



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

When somebody look for "HVAC Service Conway SC" after another miserable August power expense, they usually think they require more tonnage, a larger system, or a complete replacement. Often that holds true. Regularly, your house itself, specifically the attic and crawl area, is undermining the system they already own. Spray foam insulation, when set up correctly, 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 floorings. They pass code, at least on paper, however 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 install is different. It expands to fill gaps, fractures, and voids, then solidifies into a constant layer. That single detail makes a bigger 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 frequently hits 130 to 140 degrees by midafternoon in July. The ductwork is leaking a bit, the boot seals are broken, and the attic insulation is unequal. The homeowner complains that the back bedrooms are constantly hot and the system appears to run constantly.

If you just bring in an HVAC service technician, they might recommend more supply to the back rooms, a bigger system, or possibly a full HVAC Installation Conway SC property owners know can cost five figures. Sometimes that is the best call. However when we deal with the attic as part of the problem, a various course often 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. Rather of 140 degrees, it might hover closer to the indoor temperature, often in the 80s in summer and far less severe in winter season. Ducts now "live" in a much milder environment, and that alone can cut energy usage significantly.

The house feels various. The HVAC system cycles less. Spaces adjust. Energy bills drop. The change 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 plan is tight. I have actually seen numerous jobs where a great air sealing pass plus a top off of blown cellulose made more sense than complete foam, specifically for owners near to selling.

However, in Conway's mixed environment with high humidity, spray foam brings specific benefits:

- It sharply lowers air leakage through the structure envelope, particularly at the roofline and sill plates. That implies less moist outside air creeping into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in locations frequently visited by strong storms.
- Foam does not droop or settle like fibrous materials when exposed to humidity swings.
- When used properly in crawl spaces, foam can help keep ducts drier and more efficient.

There are trade offs. Spray foam costs more upfront than conventional insulation, often two to three times as much, depending upon depth and location. It needs a competent team and appropriate ventilation throughout install. Poor installation can develop issues around roof ventilation, condensation, or gain access to for future repairs.

I inform homeowners this: if you prepare to remain in your home a minimum of 7 to ten years, and your HVAC is struggling to maintain, a thoughtful mix of spray foam and HVAC enhancements often 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 building demands less heating & cooling. That sounds great, and it is, however it introduces a subtle concern: oversized equipment.

Oversizing is currently common in our area. Home builders and even some specialists depend on general rules instead of comprehensive load computations. They may put a 3 load system in a modest home "simply 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 considerably oversized. That causes:

- Short cycling, which decreases system lifespan.
- Poor humidity control, due to the fact that the unit does not run long enough to wring moisture out of the air.
- Uneven temperature levels, with spaces that cool too quickly and then wander warm between cycles.

This is where integrated preparation matters. When you are considering Spray Foam Insulation Conway SC specialists use, combine that discussion with a careful review from an experienced HVAC professional. Before any significant HVAC Installation Conway SC property owners authorize, demand a Manual J or comparable load calculation that assumes the enhanced insulation and air sealing.

A best sized system in a foamed home often ends up smaller than what your house initially brought. I have actually changed 3.5 ton systems with 2.5 ton systems after foam, then watched both comfort and bills improve. Property owners in some cases stress that a smaller unit will "work too tough." In reality, when the envelope is tight, that properly sized system works gradually and efficiently rather of running and resting all day.

When You Believe You Required "HVAC Repair Near Me"

Most HVAC calls start with some variation of "the system 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 mix of the above.

If your first move is to search "HVAC repair near me" and call whoever can come the fastest, you may get the instant problem fixed however miss the bigger photo. 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 technique looks like this:

1. Start with a fundamental HVAC diagnostic from a credible company of HVAC Service Conway SC locals trust. Ask them to determine temperature level splits, static pressure throughout the system, and inspect ductwork and insulation conditions.
2. If they find substantial duct leak or major attic/crawl space issues, time out before investing heavily in a brand-new system. Ask how spray foam insulation or air sealing might alter the load and duct conditions.
3. Bring in a spray foam contractor happy to work together with your HVAC pro, not just spray and leave.
4. Once the envelope plan is clear, revisit system sizing and any required HVAC Repair Conway SC professionals recommend, such as duct redesign, brand-new equipment, or zoning.

This kind of staged planning can avoid mistakes like setting up a high end variable speed system that never gets to show its benefits 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 outdoors downtown Conway. Brick ranch, low slope roofing, original ductwork from the early 1990s, and a fairly brand-new 3 lot heatpump. The owners complained that the bedroom and a back workplace were constantly warm, despite the fact that they kept the thermostat at 72.



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

We might have chased 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 obvious 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 materials and returns.
- Re checked load estimations; the existing 3 heap system was in fact a little oversize for the now tightened house, but still within a manageable range.

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

That task cost more than a basic HVAC Repair Conway SC house owners might expect for a quick repair, however far less than a complete 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 powerful, however I have actually talked people 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 regularly, or utilizing a stopped working compressor, and the owner's spending plan can only stretch up until now this year, devices often 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 might currently be fairly tight, but the duct design is flawed. Materials in all the incorrect locations, insufficient returns, or massive fixed pressure that cooks blower motors. In those situations, a wise combination of duct redesign and targeted air sealing, in some cases with traditional insulation, offers much better bang for the buck than whole home foam.

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

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

The quality of the contractor frequently matters more than the specific brand of devices or foam. Two crews using similar products can deliver wildly various results depending upon their training, persistence, and honesty.

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

- For HVAC Service Conway SC suppliers: "Do you carry out 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 work with my existing insulation and duct layout, and what changes do you advise beyond just package outside?"
- For HVAC repair near me searches: "What is your diagnostic procedure, and will you determine duct leakage or fixed pressure as part of the go to?"
- For Spray Foam Insulation Conway SC bids: "How will you deal with ventilation, roofing system leakages, 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 completed in Conway or neighboring and what the homeowner saw later in convenience and bills?"

Pay attention [HVAC repair near me](#) not only to the responses, but to how ready they are to describe trade offs. A specialist who admits that foam is not right for each attic, or that a smaller sized HVAC system is sometimes better than a big one, is typically one who thinks in systems, not just 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 routine that keeps everything working as promised.

For HVAC systems, that indicates routine filter changes, seasonal checkups, coil cleansing, and routine duct assessments. In this area, I like to see a complete at least as soon as per year. Two times is better if your home has lots of residents, family pets, or dust.

For a foamed attic or crawlspace, there is less to "preserve," however it still is worthy of a fast yearly look:

Walk the space with a flashlight. Search for obvious water staining, foam separation from framing, or new indications of pest activity. If you see condensation on metal surfaces, particularly in a closed attic, that is worth a call to the initial installer or an HVAC pro, considering that it might point to 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, less duct rattles, less iced coils and emergency situation calls on the very first real heat wave.

Balancing Spending plan, Timing, and Goals

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

A sensible sequence for numerous situations looks like this:

First, deal with vital HVAC repairs so the system is safe, functional, and not in risk of catastrophic failure. Then address apparent air sealing issues that are inexpensive but high effect, like weatherstripping doors, sealing attic gain access to hatches, and fixing big penetrations.

Next, plan bigger envelope work such as Spray Foam Insulation Conway SC tasks in the attic or crawlspace, ideally during a shoulder season when cooling or heating demand is lower. After the envelope is tightened, review HVAC sizing and efficiency upgrades. That might imply replacing an older system with a right sized, greater efficiency system, improving ductwork, or including zoning.

Throughout, keep your own goals clear. Some owners care most about convenience and indoor air quality. Others are going after lower costs or higher resale worth. Combining spray foam insulation with clever HVAC Service Conway SC experts provide 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 structure envelope, ductwork, and HVAC devices are all working with each other rather of against each other, a Conway home feels drastically 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

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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 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](#)

Visiting the [Collins Park](#) demonstrates how professional Heating Systems Repairs and Spray Foam Insulation support community buildings and recreational facilities with dependable comfort.