

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 dies on 2 things: how well the house holds conditioned air, and how reliably the HVAC devices can move that air. I have walked into lots of Horry County homes where a brand brand-new heat pump was working overtime just because the attic appeared like a patchwork quilt of old insulation and air leaks. The house owner thought they had an HVAC problem. In truth, they had a structure envelope problem.

Spray foam insulation and correct HVAC service go together. Dealt with as a system, they can turn a drafty, irregular house into a tight, effective, and far more comfortable home. Dealt with individually, they can quickly lose your money.

This is specifically real in Conway, SC, where environment and building habits develop a distinct set of challenges.

Conway's Climate: Why Our Houses Work Harder

Conway summertimes are long, humid, and unforgiving. Air conditioning system typically battle both temperature and moisture for 8 or nine months of the year. Winters are short however can still bring cold nights that expose every gap 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 just the rooms you live in.
3. Air leak, not simply "R value" on an insulation label.

When somebody look for "HVAC Service Conway SC" after another miserable August power expense, they generally think they need more tonnage, a larger system, or a full replacement. Sometimes that is true. Regularly, your techvac-foam.com HVAC repair near me home 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 Changes the Video 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, at least on paper, but they do not stop air motion. The outcome is a home that breathes in all the incorrect places.

Closed cell or open cell spray foam insulation Conway SC homeowners install is different. It broadens to fill gaps, cracks, 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 common 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 frequently 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 uneven. The house owner complains that the back bedrooms are always hot and the system seems to run constantly.

If you just generate an HVAC service technician, they might recommend more supply to the back rooms, a larger system, or maybe a complete HVAC Installation Conway SC property owners know can cost five figures. Often that is the right call. But when we attend to the attic as part of the issue, a different path typically makes more sense.

By applying 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 space. Rather of 140 degrees, it might hover closer to the indoor temperature level, often in the 80s in summer season and far less severe in winter season. Ducts now "live" in a much milder environment, which alone can cut energy usage significantly.

The home feels various. The HVAC system cycles less. Spaces equalize. Energy costs drop. The modification is not magic; it is merely physics finally working in your favor.

Spray Foam vs Standard Insulation in Coastal South Carolina

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

However, in Conway's blended environment with high humidity, spray foam brings specific advantages:

- It dramatically minimizes air leak through the building envelope, especially at the roofline and sill plates. That implies less wet outdoor air creeping into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in areas often gone to by strong storms.
- Foam does not sag or settle like fibrous products when exposed to humidity swings.
- When utilized 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, in some cases two to three times as much, depending upon depth and location. It requires a skilled team and proper ventilation during set up. Poor installation can create issues around roofing system ventilation, condensation, or access for future repairs.

I inform property owners this: if you prepare to stay in your home at least 7 to 10 years, and your HVAC is having a hard time to maintain, a thoughtful mix of spray foam and HVAC enhancements almost always pencil out over time.



How Foam Affects HVAC Sizing, Efficiency, and Planning

Once you drastically tighten up a home with spray foam, the HVAC system's job changes. The structure needs less cooling and heating. That sounds good, and it is, but it introduces a subtle problem: oversized equipment.

Oversizing is currently common in our location. Builders and even some specialists count on guidelines instead of in-depth load computations. 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 on add spray foam without recalculating loads, the system can end up being significantly extra-large. That causes:

- Short cycling, which lowers system lifespan.
- Poor humidity control, since the system does not run enough time to wring moisture out of the air.
- Uneven temperature levels, with spaces that cool too quickly and then wander warm in 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 evaluation from a seasoned HVAC professional. Before any significant HVAC Installation Conway SC homeowners approve, require a Manual J or equivalent load calculation that assumes the enhanced insulation and air sealing.

A best sized system in a foamed home often ends up smaller sized than what the house originally carried. I have actually changed 3.5 ton systems with 2.5 ton systems after foam, then viewed both convenience and bills improve. House owners sometimes worry that a smaller system will "work too hard." In reality, when the envelope is tight, that properly sized system works steadily and efficiently instead of running and resting all day.

When You Think 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 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 may get the immediate concern solved however miss the larger photo. A low refrigerant charge can be fixed in an hour. A blistering attic that ruins ducts and stresses compressors every year is a various animal.

A more strategic method appears like this:

1. Start with a fundamental HVAC diagnostic from a trusted service provider of HVAC Service Conway SC homeowners trust. Ask them to measure temperature level divides, fixed pressure throughout the system, and examine ductwork and insulation conditions.
2. If they find substantial duct leakage or severe attic/crawl area 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 professional ready 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 experts suggest, such as duct redesign, brand-new devices, or zoning.

This sort of staged planning can avoid missteps like setting up a luxury 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 Ranch That Lastly 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 fairly brand-new 3 ton heat pump. The owners complained that the bedroom and a back workplace were always warm, despite the fact that they kept the thermostat at 72.

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

We could have gone after duct repair work alone. Rather, the owners wanted a long term repair. 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 materials and returns.
- Re inspected load estimations; the existing 3 ton system was in fact slightly oversize for the now tightened up home, however still within a workable 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 frequently but ran longer at each call, which enhanced humidity control. Their summer power costs fell roughly 20 percent the first year, and comfort was night and day.

That task cost more than a basic HVAC Repair Conway SC homeowners may expect for a fast repair, however far less than a full system replacement plus duct redesign without insulation work. Most importantly, it solved the problem at its root.

When Spray Foam Is Not the Right First Move

Spray foam is effective, however I have talked individuals out of it more than once. 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 spending plan can just stretch so far this year, devices frequently has to come first. You can not live conveniently through a Conway summertime with a dead system, no matter how well insulated your attic is.

In other cases, the house may currently be relatively tight, however the duct style is flawed. Supplies in all the incorrect locations, insufficient returns, or enormous fixed pressure that cooks blower motors. In those scenarios, a clever mix of duct redesign and targeted air sealing, often with conventional insulation, offers much better bang for the dollar than entire home foam.

Then there is the roofing system condition. Spraying the underside of an aging roof with fundamental leakages is like painting over a rusting car. Before any Spray Foam Insulation Conway SC task in an attic, I constantly inquire about roofing system age, current leak history, and plans for replacement. Sometimes it makes good sense to deal with the roofing system initially, then tighten up the envelope.

What To Ask Before Hiring an HVAC or Spray Foam Contractor

The quality of the specialist often matters more than the specific brand name of equipment or foam. Two teams using similar materials can deliver hugely various outcomes depending upon their training, perseverance, and honesty.

To assistance cut through sales talk, here is a short list of questions that usually 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 outcomes before I sign?"
- For HVAC Installation Conway SC propositions: "How will this new system work with my existing insulation and duct design, and what modifications do you suggest beyond just the box 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 handle ventilation, roofing system leaks, and existing insulation removal, and what is your plan for access to circuitry or future repair work?"
- For any specialist: "Can you walk me through a similar task you finished in Conway or nearby and what the house owner saw later in convenience and costs?"

Pay attention not only to the answers, but to how prepared they are to describe trade offs. A contractor who confesses that foam is not right for every attic, or that a smaller HVAC system is often much better than a huge one, is usually 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 basic habit that keeps whatever working as promised.

For HVAC systems, that suggests routine filter changes, seasonal checkups, coil cleaning, and routine duct examinations. In this area, I like to see a full service a minimum of as soon as each year. Twice is better if your home has lots of occupants, pets, or dust.

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

Walk the area with a flashlight. Search for obvious water staining, foam 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 original installer or an HVAC pro, since it might indicate ventilation or humidity control issues.

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

Balancing Budget, Timing, and Goals

Not every house owner in Conway can tackle insulation upgrades and full HVAC operate in the exact same year. In practice, most people stage the work.

A practical series for many circumstances looks like this:

First, deal with critical HVAC repairs so the system is safe, functional, and not in danger of devastating failure. Then address obvious air sealing issues that are inexpensive however high impact, like weatherstripping doors, sealing attic access hatches, and repairing big penetrations.

Next, strategy bigger envelope work such as Spray Foam Insulation Conway SC tasks in the attic or crawlspace, ideally throughout a shoulder season when cooling or heating need is lower. After the envelope is tightened up, review HVAC sizing and efficiency upgrades. That might mean replacing an older system with a best sized, greater performance unit, improving ductwork, or adding zoning.



Throughout, keep your own goals clear. Some owners care most about convenience and indoor air quality. Others are chasing lower costs or greater resale worth. Combining spray foam insulation with clever HVAC Service Conway SC experts supply can move all those needles. The mix of procedures and the order in which you do them will depend on your specific home and budget.

What matters most is dealing with your home 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 against each other, a Conway home feels dramatically various. Cooler, drier, quieter in summertime. More even and predictable in winter season. And month after month, the power bill becomes 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
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- Tech Service Heating Cooling and Spray Foam performs HVAC maintenance
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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: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](#)

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.