

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 two things: how well your home holds conditioned air, and how reliably the HVAC devices can move that air. I have strolled into a lot of Horry County homes where a brand new heat pump was working overtime merely due to the fact that the attic looked like a patchwork quilt of old insulation and air leakages. The house owner thought they had an HVAC issue. In reality, they had a building envelope problem.

Spray foam insulation and appropriate HVAC service work together. Dealt with as a system, they can turn a drafty, uneven house into a tight, effective, and far more comfy home. Treated separately, they can easily squander your money.

This is especially true in Conway, SC, where environment and building habits develop an unique set of challenges.

Conway's Environment: Why Our Homes Work Harder

Conway summertimes are long, humid, and unforgiving. Air conditioning unit typically battle both temperature and moisture for 8 or nine months of the year. Winters are brief 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 understand:

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

When somebody searches for "HVAC Service Conway SC" after another unpleasant August power bill, they generally think they need more tonnage, a bigger system, or a complete replacement. Often that holds true. More often, your house itself, particularly the attic and crawl area, is undermining the system they already own. Spray foam insulation, when set up correctly, can change that equation.

How Spray Foam Modifications 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, a minimum of on paper, but they do not stop air movement. The result is a home that breathes in all the incorrect places.

Closed cell or open cell spray foam insulation Conway SC homeowners install is various. It broadens to fill gaps, cracks, and spaces, then hardens into a continuous layer. That single information makes a bigger distinction than any advertising line about "high R values."

Consider a normal 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 strikes 130 to 140 degrees by midafternoon in July. The ductwork is dripping a bit, the boot seals are split, and the attic insulation is unequal. The homeowner complains that the back bedroom is constantly hot and the unit appears to run constantly.

If you just bring in an HVAC specialist, they might advise more supply to the back rooms, a bigger system, or maybe a complete HVAC Installation Conway SC house owners understand can cost five figures. In some cases that is the ideal call. However when we attend to the attic as part of the problem, 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. Instead of 140 degrees, it may hover closer to the indoor temperature, frequently in the 80s in summer and far less extreme in winter. Ducts now "live" in a much milder environment, and that alone can trim energy use significantly.

The home feels various. The HVAC system cycles less. Rooms equalize. Energy expenses drop. The change is not magic; it is just physics finally operating in your favor.

Spray Foam vs Conventional Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, particularly when budget plan is tight. I have 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 environment with high humidity, spray foam brings specific advantages:

- It sharply lowers air leak through the building envelope, specifically at the roofline and sill plates. That suggests less wet outdoor air creeping into wall cavities, attics, and crawl spaces.
- Closed cell foam adds some structural rigidity, which matters in areas often visited by strong storms.
- Foam does not droop or settle like fibrous materials 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 conventional insulation, in some cases 2 to 3 times as much, depending upon depth and area. It needs a skilled team and proper ventilation throughout set up. Poor

setup can produce problems around roofing ventilation, condensation, or gain access to for future repairs.

I tell house owners this: if you prepare to stay in your home a minimum of seven to 10 years, and your HVAC is struggling to keep up, a thoughtful mix of spray foam and HVAC improvements usually pencil out over time.

How Foam Impacts HVAC Sizing, Performance, and Planning

Once you drastically tighten a home with spray foam, the HVAC system's job changes. The structure demands less cooling and heating. That sounds excellent, and it is, but it presents a subtle concern: oversized equipment.

Oversizing is already common in our area. Builders and even some contractors depend on general rules rather than detailed load calculations. They might put a 3 load system in a modest home "just to be safe," when 2 tons would suffice with a tight envelope.

If you later add spray foam without recalculating loads, the system can become significantly large. That leads to:

- Short cycling, which reduces system lifespan.
- Poor humidity control, due to the fact that the unit does not run enough time to wring moisture out of the air.
- Uneven temperatures, with spaces that cool too quickly and after that wander warm in between cycles.

This is where integrated preparation matters. When you are thinking about Spray Foam Insulation Conway SC professionals offer, combine that conversation with a mindful evaluation from an experienced HVAC professional. Before any significant HVAC Installation Conway SC house owners approve, require a Manual J or equivalent load estimation that assumes the improved insulation and air sealing.

A right sized unit in a foamed home often ends up smaller sized than what your house originally brought. I have replaced 3.5 ton systems with 2.5 ton systems after foam, then enjoyed both convenience and expenses enhance. Property owners sometimes stress that a smaller sized unit will "work too hard." In reality, when the envelope is tight, that correctly sized system works progressively 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 constantly," "our power expense 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 combination of the above.

If your very first relocation is to browse "HVAC repair near me" and call whoever can come the fastest, you might get the immediate problem resolved however miss out on the bigger image. A low refrigerant charge can be fixed in an hour. A blistering attic that ruins ducts and tensions compressors every year is a different animal.

A more strategic method looks like this:

1. Start with a fundamental HVAC diagnostic from a respectable supplier of HVAC Service Conway SC residents trust. Inquire to determine temperature level splits, static pressure throughout the system, and inspect ductwork and insulation conditions.
2. If they find considerable duct leakage or severe attic/crawl space issues, 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 contractor ready to work together with your HVAC pro, not simply spray and leave.
4. Once the envelope plan is clear, review system sizing and any needed HVAC Repair Conway SC experts recommend, such as duct redesign, new devices, or zoning.

This type of staged preparation can prevent bad moves like setting up a high-end variable speed system that never ever gets to show its benefits since ducts are losing 20 percent of the air into a 135 degree attic.



Practical Example: A Conway Cattle Ranch That Lastly Cooled Evenly

One home that sticks in my memory sat simply outdoors downtown Conway. Brick ranch, low slope roof, original ductwork from the early 1990s, and a reasonably brand-new 3 ton heatpump. The owners grumbled [Spray Foam Insulation Conway SC](#) that the bedroom and a back workplace were constantly warm, despite the fact that they kept the thermostat at 72.

Attic assessment showed about 6 inches of blown fiberglass, great deals of bare spots near eaves, and detached bath fan ducting discarding moist 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 might have chased duct repairs alone. Rather, the owners desired a long term fix. Here is how we approached it:

- Air sealed can lights, leading plates, and apparent 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 balanced materials and returns.
- Re inspected load calculations; the existing 3 ton system was in fact a little oversize for the now tightened house, however still within a manageable range.

The temperature distinction between the warmest and coolest rooms dropped from 5 to 6 degrees to about 1 degree. The unit cycled less frequently however ran longer at each call, which enhanced humidity control. Their summer season power bill fell roughly 20 percent the very first year, and comfort was night and day.

That project cost more than a simple HVAC Repair Conway SC house owners might expect for a fast fix, but far less than a full system replacement plus duct redesign without insulation work. Most notably, 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 when. There are cases where it is not the best first investment.

If a home's HVAC system is on its last legs, leaking refrigerant often, or using a failed compressor, and the owner's spending plan can only stretch up until now this year, devices often needs to come first. You can not live comfortably through a Conway summertime 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. Materials in all the incorrect locations, insufficient returns, or huge fixed pressure that cooks blower motors. In those circumstances, a smart combination of duct redesign and targeted air sealing, sometimes with traditional insulation, gives much better bang for the buck than entire house foam.

Then there is the roof condition. Spraying the underside of an aging roofing with standard leaks is like painting over a rusting cars and truck. Before any Spray Foam Insulation Conway SC job in an attic, I constantly inquire about roofing age, recent leak history, and prepare for replacement. In some cases it makes sense to deal with the roof first, then tighten the envelope.

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

The quality of the specialist often matters more than the specific brand name of equipment or foam. 2 teams utilizing comparable products can provide extremely different results depending upon their training, perseverance, and honesty.

To aid cut through sales talk, here is a short list of concerns that generally exposes a lot about a business's approach:

- For HVAC Service Conway SC providers: "Do you carry out load estimations for replacements, and can I see the outcomes before I sign?"
- For HVAC Installation Conway SC proposals: "How will this new system deal with my present insulation and duct design, and what changes do you suggest beyond simply 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 see?"
- For Spray Foam Insulation Conway SC bids: "How will you handle ventilation, roofing system leaks, and existing insulation elimination, and what is your plan for access to circuitry or future repairs?"
- For any specialist: "Can you stroll me through a comparable job you completed in Conway or neighboring and what the homeowner saw afterward in convenience and bills?"

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

Maintenance: Safeguarding Your Financial Investment Over the Long Term

Once you have tightened your home and tuned or replaced the HVAC system, maintenance ends up being the simple habit that keeps whatever working as promised.

For HVAC systems, that means regular filter modifications, seasonal checkups, coil cleaning, and regular duct assessments. In this area, I like to see a complete a minimum of as soon as each 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 "keep," however it still is worthy of a quick annual look:

Walk the area with a flashlight. Try to find apparent water staining, foam separation from framing, or new signs of pest 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, because 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 secret drafts, fewer duct rattles, fewer iced coils and emergency situation contacts the very first genuine heat wave.

Balancing Budget plan, Timing, and Goals

Not every house owner in Conway can deal with insulation upgrades and full HVAC operate in the very same year. In practice, many people stage the work.

A sensible sequence for numerous situations looks like this:

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

Next, strategy larger envelope work such as Spray Foam Insulation Conway SC jobs 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 efficiency upgrades. That may indicate changing an older system with a right sized, greater effectiveness unit, improving ductwork, or including zoning.

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

What matters most is dealing with the house as a system, not as a collection of disconnected parts. When the structure envelope, ductwork, and HVAC devices are all dealing with each other rather of versus each other, a Conway home feels considerably different. Cooler, drier, quieter in summer. More even and predictable in winter season. And month after month, the power costs 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

Tech Service Heating Cooling and Spray Foam offers spray foam insulation

Tech Service Heating Cooling and Spray Foam performs HVAC maintenance

Tech Service Heating Cooling and Spray Foam services residential properties

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

Tech Service Heating Cooling and Spray Foam installs ventilation systems

Tech Service Heating Cooling and Spray Foam reduces energy costs

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Tech Service Heating Cooling and Spray Foam seals building gaps

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

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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>

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](#)

Conveniently located near Tech Service Heating/Cooling & Spray Foam [B&B Theatres Conway](#) a great movie theater with full food & drink menu. Catch a movie and enjoy some great food while you wait.