

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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If you reside in Conway or anywhere along the Grand Hair, you currently know the weather has a mind of its own. August seems like a steam bath. January can amaze you with a damp cold that enters your bones. In between the humidity, salt air, and pollen, your home's comfort system works harder than the majority of people realize.

That is why pairing quality HVAC installation with professional spray foam insulation in Conway, SC is not a luxury. It is how you safeguard your comfort, your health, and frankly, your wallet.

I have strolled into plenty of Conway homes where a new high-efficiency system was fighting against dripping ductwork, paper-thin insulation, and crawlspaces that seemed like swamps. The property owner was frustrated, the power bill was painful, and the equipment was wearing years previously than it should. Almost every time, the missing out on piece was a holistic technique that treats HVAC and insulation as one integrated system rather of 2 separate projects.

Let us walk through how that looks in real life, what to ask for when you search for "HVAC Service Conway SC" or "HVAC repair near me," and when spray foam insulation becomes the smartest upgrade you can make.

Why Conway's Environment Punishes Poor Insulation and Weak HVAC Systems

Humidity is the silent mischief-maker here. A 90-degree day in Conway with high humidity feels unpleasant, however it is not just about convenience. Damp air makes your HVAC system get rid of more moisture, not simply heat. That additional workload matters.

In a typical older home around Conway, you frequently see:

Thin or compressed fiberglass in the attic, often with bare spots around can lights or attic hatches.

Leaky flex duct in hot attics or damp crawlspaces.

Cracks around leading plates, pipes penetrations, and electrical chases that let attic air join indoor air.

On paper, the house has "insulation" and "AC." In practice, the cooled air leakages out, the hot wet air sneaks in, and the system runs long cycles boning up all summer. Stretch that over 10 years, and the equipment has successfully run 12 or 13 years of workload in 10 calendar years.

Then winter shows up with 40-degree drizzle and north winds. Badly insulated walls and attics produce cold surface areas inside your home. That results in drafts, uneasy spaces, and sometimes condensation behind walls. People crank the thermostat up, the heatpump runs and runs, and power costs spike.

This is the Conway pattern. The option is not simply a larger HVAC system. It is a tighter, better insulated envelope plus a properly sized, well installed HVAC system that can handle both temperature level and humidity.

What "Right-Sized" HVAC Installation in Conway SC Really Means

When someone requires HVAC Installation Conway SC, the most typical concern is, "The number of loads do I need?" The genuine concern should be, "How did you compute that?"

Right-sized devices starts with a correct load calculation. Not a guideline per square foot, and not "what was there before." A professional specialist will measure or verify:

Ceiling height and room volumes.

Insulation levels in attic, walls, and floor.

Window sizes, orientations, and shading.

Infiltration points, such as chimney gaps or vented crawlspaces.

Duct area and condition.

I have seen two homes in Conway, both around 2,000 square feet, that required really different systems. One had spray foam insulation in the roof deck, sealed ducts, and effective windows. The other had R-19 fiberglass and flex duct curtained across a 130-degree attic. The first home was comfortable with a 2.5-ton system. The second truly needed closer to 4 tons just to keep up.

Bigger is not better if you do not deal with the envelope. Large units brief cycle, stop working to dehumidify effectively, and leave you with a clammy house and high expenses. A qualified HVAC installer will inquire about insulation and air sealing before they size the new equipment, and the very best ones will coordinate directly with an insulation contractor.

When you search for HVAC Service Conway SC, listen for language about load estimations, duct design, and air sealing. If a provider leaps directly to "we will put in a 3-ton like you had before," that is a red flag.

The Role of Spray Foam Insulation in Conway SC Homes

Spray Foam Insulation Conway SC has actually become a popular phrase, and for excellent reason. When used correctly, spray foam modifications how a house behaves in our hot, damp climate.

Traditional fiberglass or cellulose only provides resistance to heat flow. It does not air seal by itself. It is also vulnerable to moisture and can sag or shift over time, leaving gaps.

Closed-cell and open-cell spray foam both include thermal resistance and air sealing in one action. Foam complies with the surface areas, fills cracks, and creates a more constant barrier. In a roofing system deck application, for instance, it turns a vented attic into a semi-conditioned space, keeping your ductwork within the insulation envelope rather than baking in summer season or freezing in winter.

A few real-world effects from spray foam in Conway homes:

Attic temperatures can drop from 130-- 150 degrees down more detailed to 85-- 95 degrees in summer.

HVAC run times typically decrease by 20-- 30 percent in properly designed projects.

Duct leakage ends up being less damaging, because any leaked air is still inside the insulated volume.

Humidity control enhances since the building leakages less outside air.

One homeowner I dealt with in Conway had a split-level home integrated in the early 1990s. The upstairs was nearly unlivable in August. We installed open-cell foam at the roof deck, sealed the attic accesses, and revamped a couple of supply ducts. We did not alter the HVAC equipment itself, however the upstairs thermostat went from "never ever gets below 78" on the most popular afternoons to "holds 74 easily" with much shorter cycles. The benefit appeared on their electric bill within the first month.

When Spray Foam Makes the Most Sense

Spray foam is not a magic wand and does not fit every situation. Utilized in clever methods, though, it is one of the greatest effect upgrades you can make.

Here prevail situations where spray foam insulation in Conway SC shines:

- New construction or major restoration, where the roofing deck, walls, and rim joists are available, and you can design HVAC and insulation together from the start.
- Homes with vented attics that have HVAC ducts and air handlers in the attic, especially when those attics end up being severe in summer.
- Houses with chronic humidity problems, moldy smells, or mold concerns in the attic or crawlspace, often due to unsealed air paths.
- Older homes with special framing or wacky additions where standard batt insulation leaves too many spaces and voids.
- Crawlspace that are damp, hard to keep dry, or show indications of wood wetness issues where closed cell foam on the walls and band joists, integrated with encapsulation, can stabilize the environment.

Each of these circumstances benefits from the air sealing and moisture control that foam deals. However a great contractor will still speak about ventilation strategies, fresh air, and HVAC sizing. Tightening up a house with foam can change the air flow patterns, which is good if it is planned, and troublesome if it is not.

Pairing Spray Foam with HVAC: Lessons from the Field

The most significant mistake I see is treating spray foam as a stand-alone energy upgrade, then leaving the old HVAC style in place.

Imagine you have an older 4-ton system sized for a [HVAC repair near me](#) leaking, improperly insulated home. You add spray foam and cut the heat gain by 30 percent. The 4-ton system is now oversized. It will cool the air

rapidly, then shut down before wringing out enough moisture. You wind up with a house that is cool and wet rather of cool and dry.

The finest outcomes appear when the insulation and HVAC are prepared together. This is where an excellent HVAC Installation Conway SC supplier and a quality foam contractor earn their keep. A few useful concepts assist that teamwork:

First, carry out or update a Manual J load estimation after insulation upgrades, not before. Second, think about scaling down the devices if the new load validates it, rather than keeping "additional" capacity. Third, adjust ductwork to reflect any modifications in space loads, specifically in bonus spaces or formerly hot upstairs locations. 4th, consist of appropriate ventilation or dehumidification prepare for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels almost dull in the best way. The thermostat hardly ever swings. Humidity stays in the 45-- 55 percent range. Spaces remain even. The equipment cycles at healthy intervals. You rarely think of the HVAC due to the fact that it just works.

What Quality HVAC Service in Conway SC Looks Like Day to Day

People frequently first meet an HVAC professional during a breakdown, not a planned style conversation. You look for "HVAC repair near me" on your phone while the house heats up, then hope for the best.

Even because hurried moment, you can still identify the difference in between a band-aid service call and a real professional approach.

On a service visit, the very best professionals in Conway tend to:



Ask about convenience concerns, hot or cold spaces, and humidity, not simply "what is the unit doing."

Look at the whole system, including ductwork, filters, drain lines, and in some cases the attic or crawlspace, rather than focusing only on the outdoor unit.

Explain what stopped working and why in plain language, and outline options that vary from "repair simply this" to "here is how we prevent this pattern long term."

Check basics like refrigerant charge, air flow, and fixed pressure. Those 3 items expose a lot about system health and system style flaws.

I once went to a Conway property owner who was on their 3rd capacitor failure in two summer seasons. The previous techs had actually replaced parts rapidly, but no one touched the root problem. Static pressure in the ductwork was nearly double what it needs to have been, causing the compressor and fan to work harder. The duct system was undersized and partly crushed in the attic. Repairing that ductwork and improving filter location did more for dependability than any part replacement.

If your routine HVAC Repair Conway SC company never fractures open a manometer, never looks at ducts, and invests less than 20 minutes on site, you are probably getting repair work, not solutions.

Balancing Upfront Cost and Long-Term Value

Both spray foam insulation and high quality HVAC installations cost more upfront than the most inexpensive alternatives. The concern house owners usually ask is whether the additional cost is justified in Conway.

The truthful response depends upon the home and the plan.

For a brand-new custom-made build, particularly anything above basic starter home level, integrating spray foam in crucial areas with a high efficiency, right-sized HVAC system often pays for itself over the first decade. You get lower expenses, quieter operation, less wear, and better comfort.

For an existing home, you wish to look at repayment windows and priorities. If your system is 18 years old, leaking refrigerant, and continuously breaking, HVAC replacement most likely carries priority. But that does not indicate you neglect insulation. Often bumping attic insulation to an affordable level and sealing apparent leaks is an economical primary step. In other cases, if you are already opening walls or reworking the roofing system structure, that is the ideal time to dedicate to spray foam as a long-lasting upgrade.

When I sit down with house owners, we often sketch out three pails:

Essential repairs to keep the present system operating securely and reliably.

Near-term upgrades that lower energy usage and enhance convenience without significant reconstruction.

Long-term financial investments, like foam or complete system redesign, that pair best with renovations or complete replacements.

That kind of staged strategy keeps you from squandering cash on a brand-new extra-large system before tightening up the house, or on premium foam that then forces costly retrofits in the mechanical space later.



Practical Signs You May Need HVAC or Insulation Upgrades

Most Conway homeowners observe symptoms before they understand whether the issue is HVAC, insulation, or both. The patterns are frequently clear.

Here are some simple warning signs that it is time to require HVAC Service Conway SC or talk about spray foam insulation with a certified specialist:



- One or 2 spaces never ever reach the set temperature level, especially upstairs or over garages, even though other locations feel fine.
- The system runs continuously on humid days, yet your home still feels sticky, and indoor humidity seldom drops below 60 percent.
- Your power costs increase every summer season and winter season compared with next-door neighbors in similar homes, although you are not utilizing more appliances.
- You see dust streaks around supply vents, lighting fixtures, or attic hatches, an indication that air is moving through spaces under pressure.
- You notification hot attic air spilling into the living space through pull-down stairs or poorly sealed chases, or you have a musty smell from the crawlspace.

None of these instantly requires foam or a brand-new HVAC system. However they do signal that the house, as a system, runs out balance. The quicker you resolve that, the much easier and more affordable it tends to be.

Choosing the Right Partner for Your Conway Home

Finding the ideal company for HVAC Installation Conway SC or spray foam insulation is as essential as selecting the equipment or product. Good equipment installed badly will disappoint you every time.

Here are a couple of qualities I try to find when assessing contractors in the Conway area:

First, they perform or at least talk about proper load computations and duct style rather than pricing quote based on square footage alone. Second, they talk about the structure envelope and ask whether you plan to change insulation, windows, or roofing. Third, they are comfortable explaining their recommendations at a kitchen area table level, with numbers and factors, not lingo. Fourth, they comprehend regional code, moisture conditions, and ventilation requirements specific to seaside South Carolina. Fifth, they reveal you references or actual projects they have finished in similar homes, not simply manufacturer brochures.

With spray foam, check that the installer is familiar with closed-cell and open-cell applications, comprehends ventilation requirements in tighter homes, and uses correct safety and treating practices. Foam that smells strong days after application or was set up in expensive a thickness in one pass is a red flag.

When you ask about HVAC repair near me, aim for business that provide both repair work and design services. A firm that just swaps parts will often miss bigger improvements you might make during a change-out or renovation.

Making Your Conway Home Feel Effortless

Home comfort need to almost be uninteresting. You set your thermostat, and the temperature and humidity silently stay in the right range year-round. Your power costs feel predictable instead of unpleasant. You do not wince when a storm rolls through or the very first real cold snap hits.

Getting there in Conway, SC, is definitely possible. It needs thinking of your HVAC system and your insulation as one coordinated technique, not separated purchases. Spray foam insulation offers you a tight, well-behaved shell. Specialist HVAC installation and service provide you trusted, effective mechanicals sized for that shell. Together, they create a home that remains comfortable in January, calm in August, and comfortable every day in between.

If you are preparing a new build, start the discussion early so that the HVAC style, spray foam strategy, and structural details all collaborate. If you remain in an existing home with persistent hot spaces or rising expenses, begin with a mindful evaluation of the attic, crawlspace, and system health before you invest huge on equipment.

The right team will assist you arrange the fast wins from the huge financial investments, prioritize what delivers the best convenience for your spending plan, and map a course that fits for how long you anticipate to live in the home. With that approach, remaining cozy year-round in Conway stops sensation like a battle and begins feeling like the method your home must have worked from the beginning.

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

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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 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](#)

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