

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 live in Conway or anywhere along the Grand Hair, you already know the weather condition has a mind of its own. August seems like a steam bath. January can shock you with a damp cold that gets into your bones. In between the humidity, salt air, and pollen, your home's convenience system works more difficult than many 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 convenience, your health, and honestly, your wallet.

I have walked into plenty of Conway homes where a brand-new high-efficiency system was fighting against leaking ductwork, paper-thin insulation, and crawlspaces that felt like swamps. The house owner was frustrated, the power expense hurt, and the devices was breaking years earlier than it should. Almost each time, the missing piece was a holistic technique that treats HVAC and insulation as one integrated system instead of 2 different projects.

Let us walk through how that searches in real life, what to request for when you look for "HVAC Service Conway SC" or "HVAC repair near me," and when spray foam insulation becomes the most intelligent upgrade you can make.

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

Humidity is the quiet troublemaker here. A 90-degree day in Conway with high humidity feels miserable, but it is not just about convenience. Damp air makes your HVAC system get rid of more moisture, not simply heat. That additional work matters.

In a common older home around Conway, you typically see:

Thin or compressed fiberglass in the attic, in some cases with bare areas around can lights or attic hatches.

Leaky flex duct in hot attics or damp crawlspaces.

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

On paper, your home has "insulation" and "A/C." In practice, the cooled air leakages out, the hot moist air sneaks in, and the system runs long cycles boning up all summertime. Stretch that over ten years, and the devices has efficiently run 12 or 13 years of workload in 10 calendar years.

Then winter gets here 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 often condensation behind walls. People crank the thermostat up, the heat pump runs and runs, and power bills spike.

This is the Conway pattern. The service is not just a bigger HVAC system. It is a tighter, better insulated envelope plus a correctly sized, well set up HVAC system that can handle both temperature and humidity.

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

When somebody requires HVAC Installation Conway SC, the most common concern is, "How many tons do I require?" The genuine question should be, "How did you compute that?"

Right-sized equipment begins with a correct load estimation. Not a rule of thumb per square foot, and not "what existed before." A professional specialist will determine or validate:

Ceiling height and room volumes.

Insulation levels in attic, walls, and floor.

Window sizes, orientations, and shading.

Infiltration points, such as chimney spaces or vented crawlspaces.

Duct place and condition.

I have seen two homes in Conway, both around 2,000 square feet, that needed extremely various systems. One had spray foam insulation in the roofing system 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 comfy with a 2.5-ton system. The second really needed closer to 4 tons simply to keep up.

Bigger is not much better if you do not address the envelope. Extra-large systems short cycle, fail to dehumidify appropriately, and leave you with a clammy home and high expenses. A qualified HVAC installer will ask about insulation and air sealing before they size the new equipment, and the best ones will collaborate straight with an insulation contractor.

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

The Role of Spray Foam Insulation in Conway SC Homes

Spray Foam Insulation Conway SC has actually ended up being a popular phrase, and for excellent reason. When applied correctly, spray foam modifications how a home acts in our hot, damp climate.

Traditional fiberglass or cellulose just provides resistance to heat flow. It does not air seal by itself. It is also vulnerable to moisture and can sag or move gradually, leaving gaps.

Closed-cell and open-cell spray foam both include thermal resistance and air sealing in one step. Foam sticks to the surface areas, fills fractures, and produces a more constant barrier. In a roof deck application, for instance, it turns a vented attic into a semi-conditioned space, keeping your ductwork within the insulation envelope instead of baking in summertime or freezing in winter.

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

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

HVAC run times typically reduce by 20-- 30 percent in well-designed projects.

Duct leak becomes less damaging, because any dripped air is still inside the insulated volume.

Humidity control improves due to the fact that the structure leakages less outdoors 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 roofing deck, sealed the attic accesses, and reworked a few supply ducts. We did not alter the HVAC equipment itself, but the upstairs thermostat went from "never gets listed below 78" on the most popular afternoons to "holds 74 easily" with much shorter cycles. The benefit appeared on their electrical bill within the first month.

When Spray Foam Makes one of the most Sense

Spray foam is not a magic wand and does not fit every situation. Utilized in clever ways, however, it is among the highest effect upgrades you can make.

Here are common circumstances where spray foam insulation in Conway SC shines:

- New building or major remodelling, where the roofing deck, walls, and rim joists are accessible, and you can create HVAC and insulation together from the start.
- Homes with vented attics that have HVAC ducts and air handlers in the attic, specifically when those attics become extreme in summer.
- Houses with chronic humidity problems, moldy smells, or mold issues in the attic or crawlspace, often due to unsealed air paths.
- Older homes with unique framing or eccentric additions where standard batt insulation leaves a lot of gaps and voids.
- Crawlspace that are damp, tough to keep dry, or program signs of wood moisture issues where closed cell foam on the walls and band joists, integrated with encapsulation, can support the environment.

Each of these scenarios gain from the air sealing and moisture control that foam deals. But a good professional will still talk about ventilation methods, fresh air, and HVAC sizing. Tightening up a house with foam can change the airflow patterns, which is good if it is planned, and bothersome if it is not.

Pairing Spray Foam with HVAC: Lessons from the Field

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

Imagine you have an older 4-ton system sized for a dripping, poorly insulated house. You add spray foam and cut the heat gain by 30 percent. The 4-ton system is now extra-large. It will cool the air rapidly, then shut down before wringing out enough moisture. You end up with a house that is cool and wet rather of cool and dry.

The best results appear when the insulation and HVAC are prepared together. This is where a good HVAC Installation Conway SC provider and a quality foam contractor make their keep. A couple of practical concepts direct that team effort:

First, carry out or update a Manual J load computation after insulation upgrades, not before. Second, think about downsizing the devices if the brand-new load justifies it, instead of keeping "extra" capacity. Third, adjust ductwork to show any changes in space loads, specifically in reward spaces or formerly hot upstairs locations. Fourth, consist of correct ventilation or dehumidification plans for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels practically dull in the best way. The thermostat seldom swings. Humidity stays in the 45-- 55 percent range. Spaces remain even. The equipment cycles at healthy periods. You seldom think about the HVAC because it just works.

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

People frequently first satisfy an HVAC professional throughout a breakdown, not a scheduled design conversation. You look for "HVAC repair near me" on your phone while your home heats up, then expect the best.

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

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

Ask about convenience issues, hot or cold spaces, and humidity, not just "what is the system doing."

Look at the entire system, consisting of ductwork, filters, drain lines, and in some cases the attic or crawlspace, rather of focusing just on the outdoor unit.

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

Check fundamentals like refrigerant charge, airflow, and fixed pressure. Those three items reveal a lot about system health and system style flaws.

I once checked out a Conway homeowner who was on their third capacitor failure in two summer seasons. The previous techs had changed parts rapidly, however no one touched the root problem. Fixed pressure in the ductwork was nearly double what it should have been, causing the compressor and fan to work more difficult. The duct system was undersized and partly squashed in the attic. Fixing that ductwork and improving filter location did more for reliability than any part replacement.

If your routine HVAC Repair Conway SC supplier never fractures open a manometer, never ever takes a look at ducts, and spends less than 20 minutes on website, you are probably getting repairs, not solutions.

Balancing Upfront Cost and Long-Term Value

Both spray foam insulation and high quality HVAC installations cost more upfront than the cheapest alternatives. The question house owners generally ask is whether the additional cost is justified in Conway.

The honest answer depends on the home and the plan.



For a new custom-made build, especially anything above fundamental starter home level, combining spray foam in essential locations with a high efficiency, right-sized HVAC system almost always spends for itself over the very

first years. You gain lower expenses, quieter operation, less wear, and much better comfort.

For an existing home, you want to look at payback windows and top priorities. If your system is 18 years of ages, leaking refrigerant, and continuously breaking, HVAC replacement most likely carries top priority. But that does not indicate you ignore insulation. Sometimes bumping attic insulation to a sensible level and sealing obvious leakages is an affordable primary step. In other cases, if you are currently opening walls or reworking the roofing system structure, that is the best time to dedicate to spray foam as a long-lasting upgrade.

When I sit down with property owners, we frequently sketch out three buckets:

Essential repairs to keep the current system running securely and reliably.

Near-term upgrades that reduce energy use and improve convenience without significant reconstruction.



Long-term investments, like foam or full system redesign, that match best with remodellings or full replacements.

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

Practical Signs You Might Require HVAC or Insulation Upgrades

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

Here are some simple indication that it is time to require HVAC Service Conway SC or go over spray foam insulation with a certified specialist:

- One or more spaces never ever reach the set temperature, especially upstairs or over garages, even though other areas feel fine.
- The system runs continuously on humid days, yet your house still feels sticky, and indoor humidity rarely drops listed below 60 percent.
- Your power expenses spike every summer and winter compared with next-door neighbors in similar homes, even though you are not using more appliances.

- You see dust streaks around supply vents, lights, or attic hatches, an indication that air is moving through gaps under pressure.
- You notification hot attic air spilling into the living space through pull-down stairs or badly sealed chases, or you have a musty odor from the crawlspace.

None of these instantly requires foam or a brand-new HVAC system. But they do signal that your house, as a system, runs out balance. The faster you address that, the simpler and less expensive it tends to be.

Choosing the Right Partner for Your Conway Home

Finding the right business for HVAC Installation Conway SC or spray foam insulation is as essential as picking the equipment or product. Good gear set up poorly will disappoint you every time.

Here are a couple of qualities I look for when examining specialists in the Conway location:

First, they perform or at least go over correct load estimations and duct style rather than estimating based upon square video footage alone. Second, they talk about the building envelope and ask whether you prepare to alter insulation, windows, or roof. Third, they are comfortable explaining their recommendations at a kitchen area table level, with numbers and reasons, not lingo. 4th, they comprehend local code, moisture conditions, and ventilation requirements specific to seaside South Carolina. Fifth, they reveal you recommendations or real jobs they have finished in similar homes, not just maker brochures.

With spray foam, check that the installer recognizes with closed-cell and open-cell applications, understands ventilation needs in tighter homes, and uses proper safety and curing practices. Foam that smells strong days after application or was set up in too high 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 style services. A company that only swaps parts will frequently miss out on bigger enhancements you could make throughout a change-out or renovation.

Making Your Conway Home Feel Effortless

Home convenience should almost be uninteresting. You set your thermostat, and the temperature level and humidity silently stay in the best variety year-round. Your power expenses feel predictable rather than painful. You do not cringe when a storm rolls through or the very first real cold snap hits.

Getting there in Conway, SC, is absolutely possible. It requires [HVAC Installation Conway SC](#) thinking about your HVAC system and your insulation as one coordinated technique, not isolated purchases. Spray foam insulation gives you a tight, well-behaved shell. Professional HVAC installation and service provide you reliable, effective mechanicals sized for that shell. Together, they develop a home that remains comfortable in January, calm in August, and comfy every day in between.

If you are preparing a new build, begin the conversation early so that the HVAC design, spray foam strategy, and structural details all interact. If you are in an existing home with stubborn hot spaces or increasing costs, start with a careful assessment of the attic, crawlspace, and system health before you invest huge on equipment.

The right group will assist you arrange the fast wins from the big investments, prioritize what delivers the best convenience for your spending plan, and map a path that fits for how long you anticipate to live in the home. With that approach, staying comfortable year-round in Conway stops sensation like a fight and starts sensation like the way your house ought to 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
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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/>
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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: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](#)

Residents may take a trip to the [Rivertown Bistro](#). Rivertown Bistro demonstrates how reliable HVAC services, ventilation systems, and Quality Workmanship help create a comfortable dining environment year round.