

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 currently know the weather condition has a mind of its own. August feels like a steam room. January can shock you with a wet cold that enters your bones. In between the humidity, salt air, and pollen, your home's convenience system works more difficult than the majority of people realize.

That is why matching 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 honestly, your wallet.

I have actually strolled into a lot of Conway homes where a brand-new high-efficiency system was battling against leaking ductwork, paper-thin insulation, and crawlspaces that seemed like swamps. The homeowner was annoyed, the power costs was painful, and the devices was wearing out years previously than it should. Nearly every time, the missing out on piece was a holistic method that treats HVAC and insulation as one integrated system instead of two different projects.

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

Why Conway's Climate 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, but it is not just about comfort. Humid air makes your HVAC system eliminate more wetness, not simply heat. That extra workload matters.

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



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

Leaky flex duct in hot attics or damp crawlspaces.

Cracks around top plates, pipes penetrations, and electrical chases after that let attic air mingle with indoor air.

On paper, the house has "insulation" and "AIR CONDITIONING." In practice, the cooled air leakages out, the hot wet air sneaks in, and the system runs long cycles grinding away all summer season. Stretch that over 10 years, and the equipment has actually efficiently run 12 or 13 years of work in 10 calendar years.

Then winter season arrives with 40-degree drizzle and north winds. Inadequately insulated walls and attics create cold surfaces inside your home. That results in drafts, unpleasant spaces, and sometimes condensation behind walls. Individuals crank the thermostat up, the heat pump runs and runs, and power bills spike.

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

What "Right-Sized" HVAC Installation in Conway SC In Fact Means

When somebody requires HVAC Installation Conway SC, the most typical question is, "How many loads do I require?" The real question should be, "How did you determine that?"

Right-sized devices starts with an appropriate load computation. Not a rule of thumb per square foot, and not "what existed before." A professional contractor will measure or confirm:

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 location 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 roof deck, sealed ducts, and effective windows. The other had R-19 fiberglass and flex duct curtained across a 130-degree attic. The very first home was comfy with a 2.5-ton system. The second truly required closer to 4 heaps simply to keep up.

Bigger is not much better if you do not attend to the envelope. Extra-large systems brief cycle, fail to dehumidify appropriately, and leave you with a clammy house and high expenses. A proficient HVAC installer will inquire about insulation and air sealing before they size the new equipment, and the 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 supplier leaps directly to "we will put in a 3-ton like you had before," that is a red flag.

The Function of Spray Foam Insulation in Conway SC Homes

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

Traditional fiberglass or cellulose only supplies resistance to heat circulation. It does not air seal by itself. It is also susceptible to wetness and can sag or shift gradually, leaving gaps.

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

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



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

HVAC run times often reduce by 20-- 30 percent in properly designed projects.

Duct leak ends up being less damaging, due to the fact that any leaked air is still inside the insulated volume.

Humidity control enhances because the structure leakages less outdoors air.

One property owner I dealt with in Conway had a split-level home integrated in the early 1990s. The upstairs was nearly uninhabitable in August. We set up open-cell foam at the roof deck, sealed the attic accesses, and remodelled a couple of 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 payoff showed up on their electric costs within the very first month.

When Spray Foam Makes the Most Sense

Spray foam is not a magic wand and does not fit every scenario. Utilized in wise ways, though, it is one of the greatest impact upgrades you can make.

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

- New building or major remodelling, where the roofing deck, walls, and rim joists are available, and you can develop 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 end up being extreme in summer.
- Houses with chronic humidity issues, musty smells, or mold concerns in the attic or crawlspace, frequently due to unsealed air paths.
- Older homes with special framing or quirky additions where traditional batt insulation leaves a lot of gaps and voids.
- Crawlspaces that are damp, hard to keep dry, or show indications of wood moisture problems where closed cell foam on the walls and band joists, combined with encapsulation, can support the environment.

Each of these scenarios take advantage of the air sealing and moisture control that foam offers. However a good specialist will still speak about ventilation strategies, fresh air, and HVAC sizing. Tightening up a house with foam can alter the air flow patterns, which is good if it is prepared, and troublesome 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 leaky, 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 quickly, then shut off before wringing out enough wetness. You wind up with a house that is cool and wet rather of cool and dry.

The best results appear when the insulation and HVAC are planned together. This is where a good HVAC Installation Conway SC company and a quality foam professional earn their keep. A few useful principles assist that team effort:

First, perform or update a Manual J load computation after insulation upgrades, not in the past. Second, think about scaling down the equipment if the new load justifies it, instead of keeping "additional" capacity. Third, adjust ductwork to show any changes in room loads, particularly in reward spaces or formerly hot upstairs areas. 4th, include proper ventilation or dehumidification plans for tighter homes, so indoor air stays healthy.

When those pieces line up, you get a home that feels almost boring in the best way. [HVAC Installation Conway SC](#) The thermostat hardly ever swings. Humidity remains in the 45-- 55 percent range. Rooms stay even. The devices cycles at healthy intervals. You hardly ever think about the HVAC since it merely works.

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

People typically very first satisfy an HVAC professional during a breakdown, not a planned style discussion. You search for "HVAC repair near me" on your phone while the house warms up, then expect the best.

Even in that hurried minute, you can still find the difference between a band-aid service call and a true professional approach.

On a service check out, the very best technicians in Conway tend to:

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

Look at the entire system, including ductwork, filters, drain lines, and often the attic or crawlspace, instead of focusing just on the outside unit.

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

Check fundamentals like refrigerant charge, airflow, and fixed pressure. Those 3 items reveal a lot about system health and system design flaws.

I as soon as went to a Conway property owner who was on their 3rd capacitor failure in two summer seasons. The previous techs had actually replaced parts quickly, but nobody touched the root problem. Fixed pressure in the ductwork was almost 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 enhancing filter location did more for reliability than any part replacement.

If your regular HVAC Repair Conway SC company never cracks open a manometer, never takes a look 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 in advance than the least expensive options. The concern property owners typically ask is whether the additional cost is warranted in Conway.

The honest response depends on the home and the plan.

For a brand-new customized build, specifically anything above standard starter home level, combining spray foam in essential areas with a high performance, right-sized HVAC system often spends for itself over the very first decade. You get lower expenses, quieter operation, less wear, and far better comfort.



For an existing home, you want to look at repayment windows and top priorities. If your system is 18 years old, leaking refrigerant, and constantly breaking, HVAC replacement probably carries top priority. However that does not suggest you disregard insulation. Often bumping attic insulation to a sensible level and sealing obvious leaks is a budget-friendly initial step. In other cases, if you are currently opening walls or reworking the roofing system structure, that is the perfect time to devote to spray foam as a long-term upgrade.

When I take a seat with homeowners, we often sketch out 3 containers:

Essential fixes to keep the current system operating securely and reliably.

Near-term upgrades that decrease energy usage and improve convenience without major reconstruction.

Long-term financial investments, like foam or full system redesign, that match finest with renovations or complete replacements.

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

Practical Signs You Might Need HVAC or Insulation Upgrades

Most Conway house owners discover symptoms before they recognize whether the concern is HVAC, insulation, or both. The patterns are often clear.

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

- One or two spaces never reach the set temperature, specifically upstairs or over garages, even though other areas feel fine.
- The system runs constantly on humid days, yet your home still feels sticky, and indoor humidity seldom drops listed below 60 percent.
- Your power costs surge every summer and winter season compared with next-door neighbors in comparable homes, although you are not using more appliances.
- You see dust streaks around supply vents, lights, or attic hatches, a sign that air is moving through gaps under pressure.
- You notice hot attic air spilling into the home through pull-down stairs or inadequately sealed chases, or you have a moldy odor from the crawlspace.

None of these automatically needs foam or a new HVAC system. But they do signify that your house, as a system, runs out balance. The sooner you deal with that, the simpler and cheaper 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 crucial as picking the devices or material. Good equipment set up badly will dissatisfy you every time.

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

First, they perform or at least go over appropriate load computations and duct design rather than quoting based upon square video footage alone. Second, they talk about the structure envelope and ask whether you plan to change insulation, windows, or roof. Third, they are comfy describing their suggestions at a kitchen area table level, with numbers and reasons, not jargon. 4th, they understand local code, moisture conditions, and ventilation requirements specific to seaside South Carolina. Fifth, they show you references or real projects they have actually finished in similar homes, not simply producer brochures.

With spray foam, check that the installer is familiar with closed-cell and open-cell applications, comprehends ventilation needs in tighter homes, and uses proper security and curing practices. Foam that smells strong days after application or was installed in expensive a thickness in one pass is a red flag.

When you inquire about HVAC repair near me, aim for business that use both repair and design services. A firm that only swaps parts will often miss bigger improvements you could make during a change-out or renovation.

Making Your Conway Home Feel Effortless

Home convenience should practically be dull. You set your thermostat, and the temperature level and humidity quietly stay in the best variety year-round. Your power bills feel predictable instead of unpleasant. You do not flinch when a storm rolls through or the very first genuine cold wave hits.

Getting there in Conway, SC, is definitely possible. It requires thinking about your HVAC system and your insulation as one collaborated technique, not isolated purchases. Spray foam insulation gives you a tight, well-

behaved shell. Expert HVAC installation and service provide you trusted, effective mechanicals sized for that shell. Together, they develop a home that remains cozy in January, calm in August, and comfortable every day in between.

If you are preparing a brand-new develop, begin the conversation early so that the HVAC design, spray foam strategy, and structural details all collaborate. If you are in an existing home with stubborn hot rooms or increasing expenses, start with a cautious evaluation of the attic, crawlspace, and system health before you invest huge on equipment.

The right group will assist you sort the fast wins from the big investments, prioritize what provides the best convenience for your budget, and map a path that fits the length of time you expect to live in the home. With that technique, remaining comfortable year-round in Conway stops sensation like a fight and begins sensation like the way your house 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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