

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 Strand, you already know the weather condition has a mind of its own. August seems like a steam bath. January can surprise you with a moist cold that gets into your bones. Between the humidity, salt air, and pollen, your home's comfort 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 secure your comfort, your health, and honestly, your wallet.

I have actually strolled into plenty of Conway homes where a new high-efficiency system was fighting versus dripping ductwork, paper-thin insulation, and crawlspaces that felt like swamps. The house owner was disappointed, the power costs was painful, and the equipment was wearing years previously than it should. Almost whenever, the missing piece was a holistic technique that treats HVAC and insulation as one integrated system instead of 2 separate projects.



Let us walk through how that searches 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 becomes the most intelligent upgrade you can make.

Why Conway's Climate Penalizes 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 only about comfort. Humid air makes your HVAC system get rid of more wetness, not just heat. That additional work matters.

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

Thin or compressed fiberglass in the attic, in some cases 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 after that let attic air join indoor air.

On paper, your home has "insulation" and "AIR CONDITIONING." In practice, the cooled air leaks out, the hot damp air sneaks in, and the system runs long cycles boning up all summer season. Stretch that over 10 years, and the devices has effectively run 12 or 13 years of workload in 10 calendar years.

Then winter season shows up with 40-degree drizzle and north winds. Poorly insulated walls and attics develop cold surface areas inside your home. That causes drafts, uneasy rooms, and often condensation behind walls. People crank the thermostat up, the heat pump runs and runs, and power costs spike.

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

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

When someone requires HVAC Installation Conway SC, the most typical concern is, "The number of lots do I require?" The real question should be, "How did you calculate that?"

Right-sized devices begins with an appropriate load calculation. Not a guideline per square foot, and not "what existed before." A professional contractor will measure or validate:

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 location and condition.

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

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

When you search for HVAC Service Conway SC, listen for language about load computations, duct design, and air sealing. If a provider leaps directly to "we will put in a 3-ton like you had in the past," 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 phrase, and for excellent factor. When used properly, spray foam changes how a home acts in our hot, humid climate.

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



Closed-cell and open-cell spray foam both add thermal resistance and air sealing in one action. Foam sticks to the surfaces, fills fractures, and produces a more continuous barrier. In a roof deck application, for example, it turns a vented attic into a semi-conditioned area, keeping your ductwork within the insulation envelope rather of baking in summer season or freezing in winter.

A few real-world impacts 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 frequently reduce by 20-- 30 percent in properly designed projects.

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

Humidity control improves since the building leaks less outdoors air.

One homeowner I worked with in Conway had a split-level home integrated in the early 1990s. The upstairs was nearly uninhabitable 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 change the HVAC devices itself, however the upstairs thermostat went from "never gets listed below 78" on the hottest afternoons to "holds 74 easily" with much shorter cycles. The benefit appeared on their electric 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 circumstance. Utilized in clever ways, though, it is among the greatest impact upgrades you can make.

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

- New building or significant restoration, 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, particularly when those attics become extreme in summer.
- Houses with chronic humidity issues, moldy smells, or mold concerns in the attic or crawlspace, typically due to unsealed air paths.
- Older homes with special framing or wacky additions where traditional batt insulation leaves too many spaces and voids.
- Crawlspace that are damp, tough to keep dry, or program indications of wood moisture issues where closed cell foam on the walls and band joists, integrated with encapsulation, can support the environment.

Each of these circumstances benefits from the air sealing and wetness control that foam deals. But a great professional will still talk about ventilation strategies, fresh air, and HVAC sizing. Tightening up a house with foam can alter the air flow patterns, which is great if it is planned, and problematic 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 leaking, improperly 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 turned off before wringing out enough wetness. You wind up with a house that is cool and moist instead of cool and dry.

The best outcomes appear when the insulation and HVAC are prepared together. This is where an excellent HVAC Installation Conway SC company and a quality foam contractor make their keep. A couple of useful concepts guide that team effort:

First, perform or update a Manual J load estimation after insulation upgrades, not in the past. Second, think about downsizing the devices if the new load validates it, instead of keeping "extra" capacity. Third, change ductwork to reflect any modifications in space loads, especially in bonus offer spaces or previously hot upstairs locations. 4th, include proper ventilation or dehumidification plans for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels nearly boring in the best way. The thermostat seldom swings. Humidity remains in the 45-- 55 percent variety. Rooms remain even. The equipment cycles at healthy intervals. You seldom think about the HVAC because it simply works.

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

People often first satisfy an HVAC specialist during a breakdown, not a planned style conversation. You search for "HVAC repair near me" on your phone while the house heats up, then wish for the best.

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

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

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



Look at the whole system, consisting of ductwork, filters, drain lines, and often the attic or crawlspace, instead of focusing only on the outside unit.

Explain what failed 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 essentials like refrigerant charge, airflow, and static pressure. Those 3 items reveal a lot about system health and system design flaws.

I as soon as visited a Conway house owner who was on their third capacitor failure in two summertimes. The previous techs had replaced parts rapidly, however 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 crushed 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 supplier never fractures open a manometer, never ever 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 upfront than the cheapest options. The question homeowners typically ask is whether the additional cost is justified in Conway.

The honest answer depends on the home and the plan.

For a brand-new custom build, specifically anything above fundamental starter home level, combining spray foam in crucial areas with a high effectiveness, right-sized HVAC system often pays for itself over the very first years. You get lower bills, quieter operation, less wear, and better comfort.

For an existing home, you want to look at repayment windows and concerns. If your system is 18 years of ages, dripping refrigerant, and constantly breaking, HVAC replacement most likely brings priority. But that does not suggest you overlook insulation. Sometimes bumping attic insulation to an affordable level and sealing obvious leaks is a cost effective initial step. In other cases, if you are currently opening walls or revamping the roofing structure, that is the best time to devote to spray foam as a long-term upgrade.

When I take a seat with homeowners, we frequently sketch out three pails:

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

Near-term upgrades that decrease energy use and enhance convenience without significant reconstruction.

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

That sort of staged strategy keeps you from wasting money on a new oversized system before tightening up your home, or on premium foam [HVAC repair near me](#) that then requires expensive retrofits in the mechanical room later.

Practical Indications You Might Require HVAC or Insulation Upgrades

Most Conway property owners notice signs before they recognize whether the problem is HVAC, insulation, or both. The patterns are frequently clear.

Here are some easy indication that it is time to call for HVAC Service Conway SC or talk about spray foam insulation with a qualified specialist:

- One or two spaces never reach the set temperature, specifically upstairs or over garages, even though other areas feel fine.
- The system runs continuously on humid days, yet the house still feels sticky, and indoor humidity hardly ever drops below 60 percent.
- Your power bills increase every summer season and winter compared to next-door neighbors in comparable homes, even though you are not utilizing more appliances.

- You see dust streaks around supply vents, lights, or attic hatches, a sign that air is moving through spaces under pressure.
- You notice hot attic air spilling into the living space through pull-down stairs or inadequately sealed goes after, or you have a moldy odor from the crawlspace.

None of these instantly needs foam or a new HVAC system. But they do signal that your home, as a system, is out of balance. The quicker you deal with that, the easier and less expensive it tends to be.

Choosing the Right Partner for Your Conway Home

Finding the right company for HVAC Installation Conway SC or spray foam insulation is as important as selecting the equipment or material. Great gear set up improperly will disappoint you every time.

Here are a couple of qualities I search for when examining contractors in the Conway area:

First, they perform or a minimum of talk about appropriate load estimations and duct style rather than pricing estimate based on square video alone. Second, they talk about the structure envelope and ask whether you plan to alter insulation, windows, or roofing. Third, they are comfortable describing their suggestions at a kitchen area table level, with numbers and reasons, not lingo. 4th, they comprehend regional code, moisture conditions, and ventilation requirements specific to coastal South Carolina. Fifth, they show you referrals or real projects they have finished in comparable homes, not simply maker brochures.

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

When you inquire about HVAC repair near me, go for companies that provide both repair work and design services. A firm that only swaps parts will frequently miss out on larger enhancements you might make throughout a change-out or renovation.

Making Your Conway Home Feel Effortless

Home comfort should almost be boring. You set your thermostat, and the temperature and humidity silently remain in the best variety year-round. Your power expenses feel foreseeable rather than 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 isolated purchases. Spray foam insulation gives you a tight, well-behaved shell. Expert HVAC installation and service provide you reputable, effective mechanicals sized for that shell. Together, they create a home that remains cozy in January, calm in August, and comfy every day in between.

If you are planning a new build, begin the conversation early so that the HVAC design, spray foam plan, and structural information all work together. If you remain in an existing home with persistent hot rooms or rising expenses, begin with a careful evaluation of the attic, crawlspace, and system health before you spend big on equipment.

The right team will assist you sort the fast wins from the big investments, prioritize what delivers the best convenience for your budget plan, and map a path that fits the length of time you anticipate to reside in the home. With that approach, remaining comfortable year-round in Conway stops feeling like a battle and starts sensation like the way your house need 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 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:(843)488-1571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

Take a drive to [Crooked Oak Tavern](#). Crooked Oak Tavern showcases how Spray Foam Insulation and HVAC services improve indoor comfort while maintaining energy efficiency and Quality Workmanship.