

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 has a mind of its own. August feels like a steam room. January can shock you with a damp cold that enters 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 combining quality HVAC installation with professional spray foam insulation in Conway, SC is not a luxury. It is how you secure your convenience, your health, and frankly, your wallet.

I have strolled into a lot of Conway homes where a brand-new high-efficiency system was fighting versus leaking ductwork, paper-thin insulation, and crawlspaces that seemed like swamps. The property owner was frustrated, the power expense was painful, and the equipment was wearing out years previously than it should. Almost whenever, the missing piece was a holistic approach that treats HVAC and insulation as one integrated system instead of two separate projects.

Let us stroll through how that looks in reality, what to ask for when you search for "HVAC Service Conway SC" or "HVAC repair near me," and when spray foam insulation ends up being the smartest upgrade you can make.

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

Humidity is the silent troublemaker here. A 90-degree day in Conway with high humidity feels unpleasant, but it is not just about convenience. Damp air makes your HVAC system eliminate more wetness, not just heat. That extra work matters.

In a common older home around Conway, you typically 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 top plates, pipes penetrations, and electrical chases after that let attic air mingle with indoor air.

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

Then winter gets here with 40-degree drizzle and north winds. Improperly insulated walls and attics create cold surfaces inside your home. That leads to drafts, uncomfortable spaces, and in some cases condensation behind walls. People crank the thermostat up, the heatpump runs and runs, and power expenses spike.

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

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

When somebody calls for HVAC Installation Conway SC, the most typical concern is, "The number of tons do I need?" The real question should be, "How did you compute that?"

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

Ceiling height and space 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 actually seen two homes in Conway, both around 2,000 square feet, that required really 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 curtained throughout a 130-degree attic. The very first home was comfy with a 2.5-ton system. The 2nd truly needed closer to 4 tons simply to keep up.

Bigger is not better if you do not deal with the envelope. Large systems short cycle, fail to dehumidify appropriately, and leave you with a clammy home and high expenses. A proficient HVAC installer will ask about insulation and air sealing before they size the brand-new devices, and the best ones will collaborate directly with an insulation contractor.

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

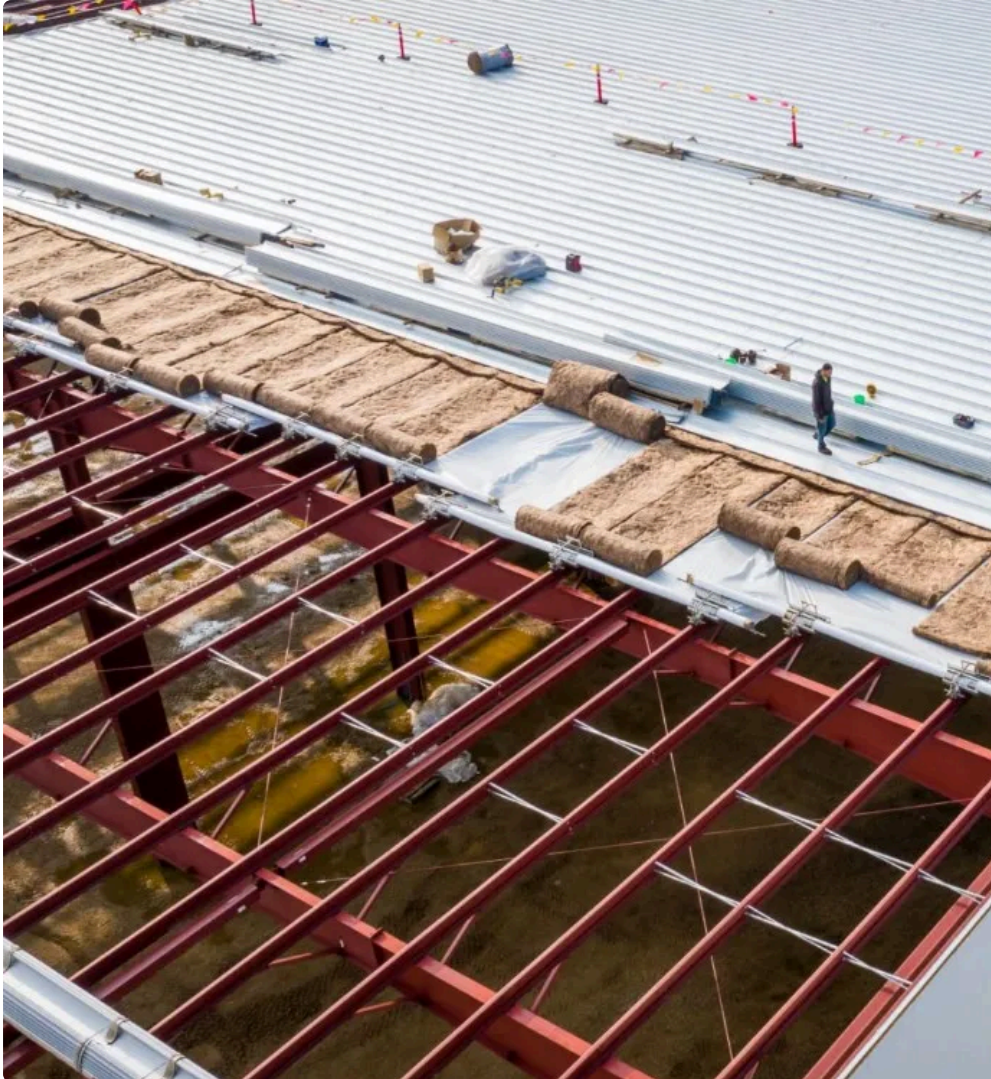
The Function of Spray Foam Insulation in Conway SC Homes

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 house 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 susceptible to moisture and can sag or move gradually, 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 develops a more constant barrier. In a roofing 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 summer 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 better to 85-- 95 degrees in summer.

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

Duct leak becomes less damaging, since any leaked air is still inside the insulated volume.

Humidity control improves since the structure leaks less outside air.

One property owner I worked with in Conway had a split-level home built in the early 1990s. The upstairs was almost uninhabitable in August. We set up open-cell foam at the roofing system deck, sealed the attic accesses, and revamped a couple of supply ducts. We did not change the HVAC devices itself, but the upstairs thermostat went from "never gets below 78" on the most popular afternoons to "holds 74 quickly" with much shorter cycles. The payoff 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 wise ways, though, it is among the greatest effect upgrades you can make.

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

- New construction or major renovation, where the roof deck, walls, and rim joists are accessible, 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 become extreme in summer.
- Houses with persistent humidity issues, musty smells, or mold concerns in the attic or crawlspace, often due to unsealed air paths.
- Older homes with special framing or quirky additions where traditional batt insulation leaves a lot of gaps and voids.
- Crawlspace that perspire, hard to keep dry, or program signs of wood moisture problems where closed cell foam on the walls and band joists, combined with encapsulation, can stabilize the environment.

Each of these circumstances gain from the air sealing and moisture control that foam deals. However an excellent contractor will still speak about ventilation methods, fresh air, and HVAC sizing. Tightening a house with foam can alter the air flow patterns, which is excellent 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 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 leaking, inadequately insulated home. You add spray foam and cut the heat gain by 30 percent. The 4-ton system is now large. It will cool the air quickly, then turned off before wringing out enough wetness. You wind up with a home that is cool and damp rather of cool and dry.

The best outcomes appear when the insulation and HVAC are planned together. This is where a great HVAC Installation Conway SC company and a quality foam contractor earn their keep. A couple of useful concepts guide that teamwork:

First, carry out or upgrade a Manual J load calculation after insulation upgrades, not previously. Second, think about scaling down the devices if the brand-new load validates it, instead of keeping "extra" capability. Third, change ductwork to show any changes in room loads, specifically in bonus offer rooms or previously hot upstairs locations. 4th, consist of appropriate ventilation or dehumidification plans for tighter homes, so indoor air stays healthy.

When those pieces line up, you get [HVAC Repair Conway SC](#) a home that feels nearly uninteresting in the very best way. The thermostat hardly ever swings. Humidity remains in the 45-- 55 percent range. Spaces stay even. The devices cycles at healthy periods. You hardly ever consider the HVAC because it merely works.

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

People often very first satisfy an HVAC professional during a breakdown, not a scheduled design conversation. You search for "HVAC repair near me" on your phone while your home heats up, then hope for the best.

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

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

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

Look at the whole system, including ductwork, filters, drain lines, and sometimes the attic or crawlspace, rather of focusing just on the outside unit.

Explain what stopped working and why in plain language, and summary options 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 products reveal a lot about system health and system design flaws.

I as soon as checked out a Conway homeowner who was on their 3rd capacitor failure in two summertimes. The previous techs had replaced parts quickly, but nobody touched the root problem. Static pressure in the ductwork was almost double what it should have been, causing the compressor and fan to work harder. The duct system was undersized and partially crushed in the attic. Repairing that ductwork and improving filter area did more for reliability than any part replacement.

If your routine HVAC Repair Conway SC provider never fractures open a manometer, never ever looks at ducts, and spends less than 20 minutes on site, you are most likely 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 options. The concern house owners normally ask is whether the additional cost is justified in Conway.

The honest answer depends upon the home and the plan.

For a new customized construct, especially anything above fundamental starter home level, integrating spray foam in key locations with a high effectiveness, right-sized HVAC system often spends for itself over the very first years. You get lower costs, quieter operation, less wear, and better comfort.



For an existing home, you want to take a look at payback windows and priorities. If your system is 18 years old, dripping refrigerant, and constantly breaking, HVAC replacement most likely carries top priority. However that does not suggest you neglect insulation. Sometimes bumping attic insulation to a reasonable level and sealing obvious leaks is a budget-friendly primary step. In other cases, if you are already opening walls or revamping the roofing system structure, that is the best time to dedicate to spray foam as a long-term upgrade.

When I take a seat with homeowners, we typically sketch out three buckets:

Essential repairs to keep the existing system operating safely and reliably.

Near-term upgrades that minimize energy usage and improve comfort without significant reconstruction.

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

That sort of staged plan keeps you from losing money on a new extra-large system before tightening your home, or on premium foam that then requires costly retrofits in the mechanical room later.

Practical Signs You May Need HVAC or Insulation Upgrades

Most Conway homeowners observe symptoms before they recognize whether the problem is HVAC, insulation, or both. The patterns are often clear.

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

- One or 2 rooms never ever reach the set temperature level, particularly upstairs or over garages, even though other locations feel fine.
- The system runs continuously on humid days, yet your house still feels sticky, and indoor humidity seldom drops listed below 60 percent.
- Your power bills spike every summertime and winter season compared to next-door neighbors in similar homes, despite the fact that 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 notice hot attic air spilling into the home through pull-down stairs or poorly sealed chases after, or you have a moldy odor from the crawlspace.

None of these immediately needs foam or a brand-new HVAC system. But they do signify that the house, as a system, runs out balance. The faster you deal with that, the much easier and more affordable it tends to be.

Choosing the Right Partner for Your Conway Home

Finding the best company for HVAC Installation Conway SC or spray foam insulation is as essential as choosing the equipment or material. Great equipment set up inadequately will disappoint you every time.

Here are a few qualities I look for when examining professionals in the Conway location:

First, they carry out or at least go over appropriate load calculations and duct style rather than pricing estimate based upon 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 explaining their suggestions at a kitchen table level, with numbers and reasons, not jargon. 4th, they understand regional code, wetness conditions, and ventilation requirements specific to coastal South Carolina. Fifth, they reveal you recommendations or actual jobs they have completed in similar homes, not just maker brochures.

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

When you inquire about HVAC repair near me, aim for business that offer both repair and style services. A company that just swaps parts will frequently miss out on bigger improvements you might make during a change-out or renovation.

Making Your Conway Home Feel Effortless

Home convenience ought to almost be boring. You set your thermostat, and the temperature and humidity silently stay in the ideal range year-round. Your power bills feel foreseeable instead of uncomfortable. You do not flinch when a storm rolls through or the 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 coordinated technique, not isolated purchases. Spray foam insulation provides you a tight, well-behaved shell. Expert HVAC installation and service offer you trusted, effective mechanicals sized for that shell.

Together, they create a home that stays relaxing in January, calm in August, and comfortable every day in between.

If you are planning a new build, begin the discussion early so that the HVAC design, spray foam strategy, and structural details all work together. If you are in an existing home with stubborn hot rooms or rising costs, begin with a cautious assessment of the attic, crawlspace, and system health before you spend big on equipment.

The right team will help you arrange the quick wins from the big financial investments, prioritize what provides the greatest comfort for your spending plan, and map a path that fits for how long you anticipate to live in the home. With that approach, staying relaxing year-round in Conway stops feeling like a fight and begins feeling like the way your home ought to have worked from the beginning.



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- Tech Service Heating Cooling and Spray Foam improves indoor comfort
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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: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:8434881571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

[Conway Riverwalk](#) highlights the importance of HVAC services, Air Conditioning Installation, and Reliable Service in maintaining comfortable public spaces with lasting Quality Workmanship.