

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 already understand the weather condition has a mind of its own. August seems like a steam bath. January can shock you with a wet cold that gets into your bones. Between the humidity, salt air, and pollen, your home's comfort system works harder 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 walked into a lot of Conway homes where a brand-new high-efficiency system was combating versus leaky ductwork, paper-thin insulation, and crawlspaces that felt like swamps. The house owner was annoyed, the power expense was painful, and the devices was wearing out years previously than it should. Almost each time, the missing piece was a holistic technique that deals with HVAC and insulation as one integrated system rather of 2 different projects.

Let us stroll through how that searches in real life, what to request when you search 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 Environment Penalizes Poor Insulation and Weak HVAC Systems

Humidity is the silent nuisance here. A 90-degree day in Conway with high humidity feels miserable, however it is not only about convenience. Damp air makes your HVAC system remove more moisture, not just heat. That extra work matters.

In a common older home around Conway, you often 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 top plates, plumbing penetrations, and electrical goes after that let attic air mingle with indoor air.

On paper, your home has "insulation" and "A/C." 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 ten years, and the equipment has successfully run 12 or 13 years of workload in 10 calendar years.

Then winter arrives with 40-degree drizzle and north winds. Badly insulated walls and attics create cold surface areas inside your home. That results in drafts, uncomfortable rooms, and often condensation behind walls. Individuals crank the thermostat up, the heat pump runs and runs, and power costs spike.

This is the Conway pattern. The service is not simply a bigger HVAC system. It is a tighter, much 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 Actually Means

When somebody requires HVAC Installation Conway SC, the most common concern is, "How many loads do I need?" The real question should be, "How did you calculate that?"

Right-sized devices begins with a proper load estimation. Not a rule of thumb per square foot, and not "what was there before." A professional specialist will measure or validate:

Ceiling height and space 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 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 deck, sealed ducts, and efficient windows. The other had R-19 fiberglass and flex duct draped throughout 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 much better if you do not resolve the envelope. Oversized systems short cycle, fail to dehumidify effectively, and leave you with a clammy house and high costs. A skilled HVAC installer will ask about insulation and air sealing before they size the new devices, and the very best ones will collaborate straight with an insulation contractor.

When you search for HVAC Service Conway SC, listen for language about load computations, duct style, and air sealing. If a provider leaps straight to "we will put in a 3-ton like you had previously," 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 changes how a house acts in our hot, damp climate.

Traditional fiberglass or cellulose only offers resistance to heat flow. It does not air seal by itself. It is likewise susceptible to moisture and can droop or shift over time, leaving gaps.

Closed-cell and open-cell spray foam both include thermal resistance and air sealing in one step. Foam abides by the surfaces, fills fractures, and develops 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 summer or freezing in winter.

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

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

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

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

Humidity control improves due to the fact that the building leaks less outside air.

One house owner I worked 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 roofing deck, sealed the attic accesses, and remodelled a couple of supply ducts. We did not alter the HVAC devices itself, however the upstairs thermostat

went from "never gets below 78" on the hottest afternoons to "holds 74 quickly" with shorter cycles. The reward showed up 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 scenario. Used in smart ways, though, it is one of the greatest impact upgrades you can make.

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

- New building or significant renovation, where the roof 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 end up being severe 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 eccentric additions where standard batt insulation leaves too many spaces and voids.

- Crawlspaces that are damp, hard to keep dry, or show signs of wood wetness problems where closed cell foam on the walls and band joists, combined with encapsulation, can support the environment.

Each of these scenarios benefits from the air sealing and wetness control that foam offers. But a good professional will still discuss ventilation techniques, fresh air, and HVAC sizing. Tightening a home with foam can change the air flow patterns, which is excellent if it is planned, and troublesome if it is not.

Pairing Spray Foam with HVAC: Lessons from the Field

The biggest error I see is dealing with 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 dripping, poorly insulated house. You include spray foam and cut the heat gain by 30 percent. The 4-ton system is now oversized. It will cool the air rapidly, then turned off before wringing out enough moisture. You end up with a house that is cool and moist 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 supplier and a quality foam specialist make their keep. A few useful concepts assist that team effort:

First, perform or update a Manual J load estimation after insulation upgrades, not previously. Second, think about downsizing the devices if the new load justifies it, rather than keeping "additional" capability. Third, change ductwork to show any changes in space loads, particularly in reward rooms or previously hot upstairs locations. 4th, consist of correct ventilation or dehumidification prepare for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels practically uninteresting in the very best method. The thermostat hardly ever swings. Humidity stays in the 45-- 55 percent range. Rooms remain even. The devices cycles at healthy periods. You hardly ever consider the HVAC since it simply works.

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

People typically first satisfy an HVAC contractor throughout a breakdown, not an organized design discussion. You search for "HVAC repair near me" on your phone while your house warms up, then expect the best.

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

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

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

Look at the entire system, consisting of ductwork, filters, drain lines, and sometimes the attic or crawlspace, rather of focusing only on the outdoor unit.

Explain what stopped working and why in plain language, and summary choices that range from "fix just this" to "here is how we avoid this pattern long term."

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

I as soon as visited a Conway homeowner who was on their 3rd capacitor failure in two summer seasons. The previous techs had replaced parts quickly, but no one touched the root issue. Static pressure in the ductwork was almost double what it ought to have been, triggering the compressor and fan to work more difficult. The duct

system was undersized and partly squashed in the attic. Repairing that ductwork and enhancing filter location did more for dependability than any part replacement.

If your regular HVAC Repair Conway SC supplier never cracks open a manometer, never ever takes a look at ducts, and invests less than 20 minutes on website, 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 in advance than the least expensive options. The concern property owners usually ask is whether the additional cost is justified in Conway.

The truthful answer depends upon the home and the plan.

For a new custom-made build, particularly anything above basic starter home level, integrating spray foam in essential locations with a high performance, right-sized HVAC system often spends for itself over the very first years. You acquire lower expenses, quieter operation, less wear, and far better comfort.



For an existing home, you wish to look at repayment windows and priorities. If your system is 18 years of ages, leaking refrigerant, and continuously breaking, HVAC replacement most likely brings priority. But that does not mean you overlook insulation. Often bumping attic insulation to a reasonable level and sealing obvious leakages is an affordable first 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 take a seat with house owners, we often sketch out three containers:

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

Near-term upgrades that lower energy usage and improve [HVAC repair near me techhvac-foam.com](https://www.techhvac-foam.com) comfort without major reconstruction.

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

That kind of staged strategy keeps you from squandering money on a new large system before tightening your home, or on premium foam that then requires expensive retrofits in the mechanical room later.

Practical Signs You May Require HVAC or Insulation Upgrades

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

Here are some simple indication that it is time to call for HVAC Service Conway SC or go over spray foam insulation with a qualified professional:

- One or 2 rooms never ever reach the set temperature, particularly upstairs or over garages, although other locations feel fine.
- The system runs continuously on humid days, yet your home still feels sticky, and indoor humidity hardly ever drops below 60 percent.
- Your power costs spike every summer and winter season compared with neighbors in comparable homes, despite the fact that 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 gaps 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 signify that your house, as a system, runs out balance. The earlier you attend to that, the much easier and cheaper 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 essential as selecting the equipment or product. Great equipment installed improperly will disappoint you every time.

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

First, they carry out or at least discuss correct load calculations and duct design instead of quoting based upon square video footage alone. Second, they talk about the building envelope and ask whether you plan to change insulation, windows, or roofing. Third, they are comfortable explaining their recommendations at a cooking area table level, with numbers and reasons, not jargon. Fourth, they understand local code, wetness conditions, and ventilation requirements specific to coastal South Carolina. Fifth, they reveal you recommendations or real jobs they have finished in comparable homes, not just maker brochures.

With spray foam, check that the installer recognizes with closed-cell and open-cell applications, understands ventilation requirements in tighter homes, and utilizes correct safety and curing 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 inquire about HVAC repair near me, go for companies that offer both repair and style services. A firm that just swaps parts will typically miss bigger improvements you could make during a change-out or renovation.

Making Your Conway Home Feel Effortless

Home comfort must practically be boring. You set your thermostat, and the temperature level and humidity silently stay in the right variety year-round. Your power costs feel foreseeable rather than agonizing. You do not cringe when a storm rolls through or the very first real cold wave hits.

Getting there in Conway, SC, is absolutely possible. It needs thinking of your HVAC system and your insulation as one collaborated strategy, not isolated purchases. Spray foam insulation offers you a tight, well-behaved shell. Specialist HVAC installation and service offer you trustworthy, effective mechanicals sized for that shell. Together, they produce a home that remains comfortable in January, calm in August, and comfy every day in between.

If you are preparing a brand-new build, begin the conversation early so that the HVAC style, spray foam strategy, and structural details all collaborate. If you are in an existing home with stubborn hot rooms or rising costs, start with a mindful evaluation of the attic, crawlspace, and system health before you spend big on equipment.

The right team will assist you arrange the fast wins from the big financial investments, prioritize what provides the best convenience for your budget plan, and map a course that fits how long you anticipate to reside in the home. With that technique, remaining comfortable year-round in Conway stops sensation like a battle and begins sensation 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

Tech Service Heating Cooling and Spray Foam performs HVAC maintenance

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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](#)

Conveniently located near Tech Service Heating/Cooling & Spray Foam [B&B Theatres Conway](#) a great movie theater with full food & drink menu. Catch a movie and enjoy some great food while you wait.