

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 currently understand the weather condition has a mind of its own. August seems like a steam room. January can shock you with a damp cold that gets into your bones. Between the humidity, salt air, and pollen, your home's convenience system works more difficult than most people realize.

That is why matching quality HVAC installation with professional spray foam insulation in Conway, SC is not a high-end. It is how you safeguard your comfort, your health, and honestly, your wallet.

I have strolled into plenty of Conway homes where a brand-new high-efficiency system was combating against leaky ductwork, paper-thin insulation, and crawlspaces that seemed like swamps. The house owner was disappointed, the power costs hurt, and the devices was wearing out years earlier than it should. Almost every time, the missing out on piece was a holistic approach that deals with HVAC and insulation as one integrated system instead of 2 different projects.

Let us stroll through how that looks in reality, 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 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 comfort. Damp air makes your HVAC system get rid of more wetness, not simply heat. That additional work matters.

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

Thin or compressed fiberglass in the attic, often with bare areas 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 house 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. Stretch that over 10 years, and the devices has actually successfully 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 produce cold surfaces inside your home. That causes drafts, unpleasant spaces, and in some cases condensation behind walls. Individuals crank the thermostat up, the heat pump runs and runs, and power bills spike.

This is the Conway pattern. The solution is not simply 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 level and humidity.

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

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

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

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 place and condition.

I have actually seen two homes in Conway, both around 2,000 square feet, that needed very 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 throughout a 130-degree attic. The very first home was comfortable with a 2.5-ton system. The second genuinely required closer to 4 tons just to keep up.

Bigger is not much better if you do not resolve the envelope. Oversized units brief cycle, fail to dehumidify properly, and leave you with a clammy home and high costs. A competent HVAC installer will inquire 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 look for HVAC Service Conway SC, listen for language about load estimations, duct style, and air sealing. If a company jumps 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 factor. When applied properly, spray foam changes how a home behaves in our hot, humid climate.

Traditional fiberglass or cellulose only provides resistance to heat circulation. It does not air seal by itself. It is also vulnerable to moisture and can droop or move with time, 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 cracks, and develops a more constant barrier. In a roofing system 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 season 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 typically decrease by 20-- 30 percent in well-designed projects.

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

Humidity control improves due to the fact that the structure leakages less outside air.

One house owner I dealt 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 roofing system deck, sealed the attic accesses, and reworked a few supply ducts. We did not alter the HVAC devices itself, however 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 very 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 wise methods, though, it is among the highest effect upgrades you can make.

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



- New construction or major renovation, 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 end up being severe in summer.
- Houses with persistent humidity problems, moldy smells, or mold concerns in the attic or crawlspace, typically due to unsealed air paths.
- Older homes with distinct framing or eccentric additions where traditional batt insulation leaves a lot of gaps and voids.
- Crawlspaces that perspire, hard to keep dry, or show signs of wood wetness issues where closed cell foam on the walls and band joists, integrated with encapsulation, can stabilize the environment.

Each of these scenarios benefits from the air sealing and moisture manage that foam deals. However a great contractor will still talk about ventilation techniques, fresh air, and HVAC sizing. Tightening up a home with foam can alter the airflow patterns, which is excellent if it is planned, and problematic if it is not.

Pairing Spray Foam with HVAC: Lessons from the Field

The greatest 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, poorly insulated home. You include 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 home that is cool and wet rather of cool and dry.

The finest results appear when the insulation and HVAC are prepared together. This is where a good HVAC Installation Conway SC provider and a quality foam professional earn their keep. A couple of useful principles guide that team effort:

First, carry out or update a Manual J load computation after insulation upgrades, not previously. Second, consider scaling down the equipment if the brand-new load justifies it, instead of keeping "extra" capability. Third, adjust ductwork to reflect any modifications in room loads, specifically in bonus rooms or previously hot upstairs locations. 4th, consist of appropriate ventilation or dehumidification prepare for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels almost boring in the best way. The thermostat rarely swings. Humidity stays in the 45-- 55 percent range. Rooms stay even. The equipment cycles at healthy intervals. You hardly ever think about the HVAC since it just works.

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

People frequently very first meet an HVAC specialist during a breakdown, not a scheduled design discussion. You search for "HVAC repair near me" on your phone while your home warms up, then hope for the best.

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

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

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

Look at the whole system, consisting of ductwork, filters, drain lines, and often the attic or crawlspace, rather of focusing just on the outdoor unit.

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

Check basics like refrigerant charge, air flow, and fixed pressure. Those three items expose a lot about system health and system design flaws.

I once went to a Conway property owner who was on their 3rd capacitor failure in 2 summer seasons. The previous techs had replaced parts rapidly, however no one touched the root issue. Static pressure in the ductwork was nearly double what it must have been, causing the compressor and fan to work more difficult. The duct system was undersized and partially squashed in the attic. Repairing that ductwork and enhancing filter area did more for dependability than any part replacement.

If your regular HVAC Repair Conway SC supplier never cracks open a manometer, never ever looks 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 upfront than the most inexpensive alternatives. The concern house owners normally ask is whether the additional cost is warranted in Conway.

The truthful answer depends upon the home and the plan.

For a new custom construct, particularly anything above fundamental starter home level, integrating spray foam in crucial areas with a high effectiveness, right-sized HVAC system generally pays for itself over the very first years. You gain lower expenses, quieter operation, less wear, and much better comfort.

For an existing home, you wish to look at repayment windows and top priorities. If your system is 18 years of ages, leaking refrigerant, and continuously breaking, HVAC replacement most likely brings concern. However that does not imply you disregard insulation. In some cases bumping attic insulation to a sensible level and sealing obvious leakages is an economical primary step. In other cases, if you are currently opening walls or reworking the roof 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 3 buckets:

Essential repairs to keep the present 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 pair finest with renovations or full replacements.

That sort of staged plan keeps you from squandering money on a brand-new extra-large system before tightening up [HVAC Service Conway SC](#) your house, or on premium foam that then requires pricey retrofits in the mechanical room later.

Practical Indications You Might Require HVAC or Insulation Upgrades

Most Conway house owners notice symptoms before they realize whether the problem is HVAC, insulation, or both. The patterns are typically clear.

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

- One or two spaces never reach the set temperature level, particularly upstairs or over garages, despite the fact that other areas feel fine.
- The system runs constantly on damp days, yet your home still feels sticky, and indoor humidity rarely drops listed below 60 percent.
- Your power costs surge every summertime and winter compared to neighbors in comparable homes, although you are not utilizing more appliances.
- You see dust streaks around supply vents, lights, or attic hatches, an indication that air is moving through spaces under pressure.
- You notice hot attic air spilling into the living space through pull-down stairs or poorly sealed chases, or you have a moldy odor from the crawlspace.

None of these automatically needs foam or a new HVAC system. However they do signify that your home, as a system, is out of balance. The sooner you resolve that, the much easier and more affordable it tends to be.

Choosing the Right Partner for Your Conway Home

Finding the ideal business for HVAC Installation Conway SC or spray foam insulation is as important as choosing the equipment or product. Good equipment installed badly will dissatisfy you every time.

Here are a few qualities I look for when evaluating contractors in the Conway area:

First, they perform or a minimum of discuss proper load calculations and duct design rather than quoting based on square footage alone. Second, they discuss the structure envelope and ask whether you prepare to change insulation, windows, or roofing. Third, they are comfortable discussing their recommendations at a kitchen table level, with numbers and reasons, not lingo. Fourth, they understand local code, wetness conditions, and ventilation requirements particular to seaside South Carolina. Fifth, they reveal you references or actual projects they have actually completed in comparable homes, not simply producer brochures.

With spray foam, check that the installer is familiar with closed-cell and open-cell applications, comprehends ventilation requirements in tighter homes, and uses appropriate security 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 business that offer both repair and style services. A firm that only swaps parts will often miss out on larger improvements you could make throughout a change-out or renovation.

Making Your Conway Home Feel Effortless

Home comfort need to practically be boring. You set your thermostat, and the temperature and humidity silently remain in the right range year-round. Your power expenses feel foreseeable instead of agonizing. You do not flinch when a storm rolls through or the first real cold wave hits.

Getting there in Conway, SC, is definitely possible. It requires thinking about your HVAC system and your insulation as one coordinated method, not isolated purchases. Spray foam insulation gives you a tight, well-behaved shell. Expert HVAC installation and service offer you reliable, efficient mechanicals sized for that shell. Together, they produce a home that stays relaxing in January, calm in August, and comfortable every day in between.

If you are preparing a new build, start the discussion early so that the HVAC style, spray foam plan, and structural information all interact. If you remain in an existing home with persistent hot spaces or increasing costs, begin with a careful evaluation of the attic, crawlspace, and system health before you spend big on equipment.



The right team will help you sort the fast wins from the big financial investments, prioritize what provides the greatest convenience for your budget plan, and map a path that fits how long you anticipate to live in the home. With that method, remaining cozy year-round in Conway stops feeling like a fight and starts sensation like the method your home 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

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

Tech Service Heating Cooling and Spray Foam services residential properties

Tech Service Heating Cooling and Spray Foam supports commercial buildings

Tech Service Heating Cooling and Spray Foam increases energy efficiency

Tech Service Heating Cooling and Spray Foam installs ventilation systems

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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](#)

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