

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 bath. January can shock you with a wet cold that enters your bones. Between the humidity, salt air, and pollen, your home's comfort system works more difficult than most people realize.

That is why combining 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 frankly, your wallet.

I have walked into a lot of Conway homes where a new high-efficiency system was battling versus leaky ductwork, paper-thin insulation, and crawlspaces that seemed like swamps. The property owner was frustrated, the power expense was painful, and the equipment was breaking years previously than it should. Almost every time, the missing out on 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 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 becomes the smartest 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 unpleasant, but it is not just about comfort. Damp air makes your HVAC system get rid of more moisture, not just heat. That additional workload matters.

In a typical older home around Conway, you frequently 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 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 boning up all summer. Stretch that over 10 years, and the equipment has efficiently run 12 or 13 years of work in 10 calendar years.



Then winter gets here with 40-degree drizzle and north winds. Poorly insulated walls and attics produce cold surface areas inside your home. That results in drafts, uneasy rooms, 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 option is not simply a larger HVAC system. It is a tighter, much better insulated envelope plus a correctly sized, well installed HVAC system that can manage both temperature level and humidity.

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

When someone requires HVAC Installation Conway SC, the most common concern is, "How many loads do I need?" The genuine concern should be, "How did you determine that?"

Right-sized devices starts with a proper load calculation. Not a rule of thumb per square foot, and not "what was there before." A professional specialist 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 spaces or vented crawlspaces.

Duct area and condition.

I have seen 2 homes in Conway, both around 2,000 square feet, that required extremely different systems. One had spray foam insulation in the roof deck, sealed ducts, and efficient windows. The other had R-19 fiberglass and flex duct curtained across a 130-degree attic. The first home was comfy with a 2.5-ton system. The 2nd truly needed closer to 4 tons just to keep up.

Bigger is not better if you do not resolve the envelope. Large systems brief cycle, stop working to dehumidify correctly, and leave you with a clammy home and high costs. A qualified HVAC installer will inquire about insulation and air sealing before they size the new equipment, 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 design, and air sealing. If a provider 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 become a popular expression, and for good factor. When applied properly, spray foam changes how a house behaves in our hot, damp climate.

Traditional fiberglass or cellulose just provides resistance to heat flow. It does not air seal by itself. It is likewise susceptible to moisture and can droop or move in time, leaving gaps.

Closed-cell and open-cell spray foam both include thermal resistance and air sealing in one action. Foam follows the surface areas, fills cracks, and produces a more constant barrier. In a roof deck application, for instance, it turns a vented attic into a semi-conditioned area, keeping your ductwork within the insulation envelope instead of baking in summer or freezing in winter.

A couple of real-world effects 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 typically reduce by 20-- 30 percent in properly designed projects.

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

Humidity control improves because the building leaks less outdoors air.

One house owner I dealt with in Conway had a split-level home integrated in the early 1990s. The upstairs was almost uninhabitable in August. We set up open-cell foam at the roofing deck, sealed the attic accesses, and revamped a couple [HVAC Installation Conway SC](#) of supply ducts. We did not change the HVAC devices itself, but the upstairs thermostat went from "never ever gets listed below 78" on the most popular afternoons to "holds 74 easily" with 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. Used in smart ways, though, it is one of the highest effect upgrades you can make.

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

- New construction or major remodelling, where the roof deck, walls, and rim joists are available, 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 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 standard batt insulation leaves a lot of spaces and voids.
- Crawlspaces that perspire, 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 stabilize the environment.



Each of these circumstances take advantage of the air sealing and wetness control that foam deals. But an excellent professional will still discuss ventilation methods, fresh air, and HVAC sizing. Tightening a home with foam can change the airflow 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 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 leaky, inadequately 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 turned off

before wringing out enough wetness. You end up with a home that is cool and damp instead of cool and dry.

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

First, perform or update a Manual J load computation after insulation upgrades, not in the past. Second, consider scaling down the equipment if the new load justifies it, rather than keeping "extra" capacity. Third, adjust ductwork to show any changes in space loads, especially in bonus offer spaces or previously hot upstairs areas. Fourth, include proper ventilation or dehumidification prepare for tighter homes, so indoor air remains healthy.

When those pieces line up, you get a home that feels nearly boring in the very best method. The thermostat rarely swings. Humidity stays in the 45-- 55 percent range. Spaces remain even. The equipment cycles at healthy intervals. You seldom think of the HVAC because it simply 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 scheduled style conversation. You look for "HVAC repair near me" on your phone while your house warms up, then hope for the best.

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

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

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

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

Explain what failed and why in plain language, and overview choices that vary from "repair simply this" to "here is how we prevent 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 visited a Conway property owner who was on their 3rd capacitor failure in two summers. The previous techs had actually changed parts quickly, but nobody touched the root issue. Fixed pressure in the ductwork was almost double what it needs to have been, triggering the compressor and fan to work harder. The duct system was undersized and partially crushed in the attic. Fixing that ductwork and improving filter location did more for reliability than any part replacement.

If your regular HVAC Repair Conway SC supplier never cracks open a manometer, never looks at ducts, and invests less than 20 minutes on website, 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 most inexpensive options. The question property owners typically ask is whether the additional cost is justified in Conway.

The honest response depends on the home and the plan.

For a new customized build, especially anything above fundamental starter home level, integrating spray foam in key locations with a high efficiency, right-sized HVAC system often spends for itself over the first years. You get

lower expenses, 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 of ages, leaking refrigerant, and continuously breaking, HVAC replacement probably brings priority. But that does not indicate you overlook insulation. In some cases bumping attic insulation to a sensible level and sealing apparent leaks is a budget friendly primary step. In other cases, if you are already opening walls or remodeling the roofing structure, that is the perfect time to devote to spray foam as a long-term upgrade.

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

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

Near-term upgrades that reduce energy usage and enhance comfort without major reconstruction.

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

That sort of staged strategy keeps you from wasting money on a brand-new oversized system before tightening your house, or on premium foam that then forces expensive retrofits in the mechanical room later.



Practical Indications You May Require HVAC or Insulation Upgrades

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

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

- One or 2 spaces never reach the set temperature, particularly upstairs or over garages, although other areas feel fine.
- The system runs constantly on damp days, yet the house still feels sticky, and indoor humidity hardly ever drops below 60 percent.

- Your power bills spike every summer season and winter season compared with next-door neighbors in comparable homes, despite the fact that 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 notification hot attic air spilling into the home through pull-down stairs or poorly sealed chases after, or you have a musty odor from the crawlspace.

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

Choosing the Right Partner for Your Conway Home

Finding the right business for HVAC Installation Conway SC or spray foam insulation is as crucial as choosing the devices or material. Great gear installed poorly will dissatisfy you every time.

Here are a couple of qualities I search for when evaluating professionals in the Conway location:

First, they carry out or at least talk about proper load calculations and duct design rather than pricing quote based on square video alone. Second, they discuss the building envelope and ask whether you prepare to alter insulation, windows, or roofing. Third, they are comfy explaining their suggestions at a kitchen area table level, with numbers and factors, not lingo. Fourth, they understand local code, wetness conditions, and ventilation requirements particular to coastal South Carolina. Fifth, they reveal you references or actual jobs they have finished in comparable homes, not just producer brochures.

With spray foam, check that the installer recognizes with closed-cell and open-cell applications, understands ventilation requirements in tighter homes, and uses correct safety 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 ask about HVAC repair near me, aim for business that offer both repair work and design services. A firm that only swaps parts will often miss out on bigger improvements you might make during a change-out or renovation.

Making Your Conway Home Feel Effortless

Home convenience should practically be uninteresting. You set your thermostat, and the temperature and humidity silently stay in the best range year-round. Your power costs feel foreseeable instead of uncomfortable. You do not flinch when a storm rolls through or the very first genuine cold wave hits.

Getting there in Conway, SC, is absolutely possible. It needs thinking about your HVAC system and your insulation as one collaborated method, not isolated purchases. Spray foam insulation gives you a tight, well-behaved shell. Specialist HVAC installation and service give you trustworthy, effective mechanicals sized for that shell. Together, they develop a home that stays relaxing in January, calm in August, and comfy every day in between.

If you are preparing a brand-new develop, begin the discussion early so that the HVAC design, spray foam strategy, and structural details all work together. If you remain in an existing home with persistent hot spaces or rising costs, start 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 quick wins from the big investments, prioritize what provides the best comfort for your budget plan, and map a course that fits the length of time you anticipate to reside in the home. With that method, remaining cozy year-round in Conway stops sensation like a battle and begins sensation like the method your house 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

Tech Service Heating Cooling and Spray Foam reduces energy costs

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Tech Service Heating Cooling and Spray Foam seals building gaps

Tech Service Heating Cooling and Spray Foam maintains climate control systems

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 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](#)

You might take a short drive to the [Horry County Museum](#). The Horry County Museum reflects how HVAC services, Spray Foam Insulation, and Heating Systems Repairs help preserve exhibits through Reliable Service and Quality Workmanship.