

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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Homes around Conway see a bit of whatever from the weather condition. Humid summer seasons that linger into October, a couple of cold snaps in winter season, and salt-tinged air that never ever rather disappears. I have strolled into [HVAC Installation Conway SC](#) a lot of houses around Horry County where the thermostat was doing its best, but the structure itself was working versus it: leaking attic, under-insulated crawlspace, and an HVAC system battling a losing battle.



The truth is simple but frequently overlooked. Your HVAC system and your insulation are part of the same comfort system. If one is weak, the other has to work harder, cost more, and stop working sooner.

This is where the mix of quality spray foam insulation and a dependable HVAC service in Conway SC becomes effective. When the building shell is sealed and the system is sized and installed properly, the reward appears in three locations: your energy bill, your convenience, and the length of time the equipment lasts.

Why sealing the home matters before updating HVAC

When someone calls searching for HVAC repair near me, the first impulse is to focus on the unit outdoors or the air handler in the attic. Lots of techs never look past the equipment itself. From experience, that narrow focus is a mistake.

I keep in mind a house off Highway 501, roughly 2,000 square feet, with a reasonably new 3.5 ton heat pump. The owners complained that the house never cooled uniformly and the system never ever shut down in August. The system took a look at fine. Pressures were great, refrigerant charge was proper, and air flow numbers were not bad. The genuine problem was in the attic: patchwork fiberglass insulation, big gaps around every penetration, and a leaky gain access to hatch.

Once we air sealed and added spray foam insulation in the essential areas, the same HVAC system all of a sudden had a reasonable shot. Run time dropped, the second flooring finally matched the very first flooring, and the

property owners began asking why their system was cycling off so much more often.

The devices did not alter. The load on the house did.

The structure envelope: your invisible HVAC partner

Insulation, air sealing, and duct stability are the unsung heroes of comfort. They set the stage for how big your HVAC installation in Conway SC actually requires to be and how typically that device needs to run.

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, often irregular and compressed
- Leaky ductwork going through that hot attic
- Gaps at top plates, electrical penetrations, recessed lights, and around the attic hatch

That attic can hit 120 to 140 degrees on a warm summertime day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning unit is essentially attempting to cool a moving target.

Spray foam insulation alters the dynamics. Closed cell or open cell foam applied to the roofing system deck and key air leak points transforms that blistering attic into a semi-conditioned area. Temperatures moderate, ducts being in a much gentler environment, and every BTU of cooling does more work where it counts.

Spray Foam Insulation Conway SC: what operate in this climate

Not all insulation acts the exact same method in coastal South Carolina. We deal with high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That mix punishes both improperly insulated homes and marginal HVAC systems.

How spray foam performs in practice

Properly set up spray foam insulation in Conway SC can deliver 3 essential benefits.

1. Air sealing and thermal resistance in one layer

Foam adheres to framing and sheathing, filling fractures and seams that other products miss out on. Instead of having one product for R-value and another for air sealing, you get both in a single pass.

2. Moisture behavior fit to our humidity

Open cell foam is vapor permeable and can allow assemblies to dry to the interior. Closed cell has a higher R-value per inch and functions as a vapor retarder. The option in between them depends on roofing system style, existing products, and whether you have a history of roof leaks or condensation. There is no one-size option. A professional who comprehends the local code and climate is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, house owners often notice how quiet their home ends up being. Street sound drops, wind-driven rattles vanish, and indoor temperature level tends to alter more gradually. That slower temperature level swing implies the HVAC system can cycle in a more controlled way rather of jerking on and off with every gust of hot air.

Where foam pays off the most

I have actually seen foam utilized from crawlspace walls to roofing decks, however some areas regularly deliver much better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing line develops an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperature levels drastically, and frequently causes smaller sized tonnage requirements for new HVAC installation Conway SC projects.

Band joists and crawlspace walls

For homes with crawlspaces, open or closed cell foam at the rim joist and along encapsulated crawlspace walls can block a lot of wetness and air leakage. That can reduce moldy odors, stabilize floorings, and take a concern off the ac system throughout damp months.

Garage walls and perk rooms

Any space above or next to an unconditioned garage is well-known for being either freezing or stifling. Foam in the separating walls and floors changes that area into something functional all year, and the primary HVAC system will not be pulled out of balance attempting to fix one problem room.

Right-size HVAC: avoiding the "bigger is much better" trap

Once the shell is improved, you have a chance to right-size the HVAC system. Oversizing is one of the most typical concerns I see in HVAC installation around Conway SC, specifically in homes that have recently been tightened up.

The old general rule of a load per 500 or 600 square feet is unrefined at best. It neglects insulation levels, window quality, shading, tenancy, and seepage. In a home that has been upgraded with spray foam, using that guideline generally causes oversizing.

Here is what oversizing appear like in the field:

Short run times

The thermostat is pleased too rapidly, so the system does not remain on enough time to pull moisture out of the air. The home feels cool but clammy, specifically during heavy humidity.

Uneven temperatures and hot spots

Rooms at the end of runs never get adequate time with cold or warm air, so they drag. The system shuts off before the air has totally mixed.

Higher wear on equipment

Frequent starts and stops are harder on motors and compressors than consistent, moderate run time. That translates to shorter devices life and more frequent HVAC repair in Conway SC over the years.

For a home with spray foam insulation Conway SC, a proper Manual J load estimation is not a high-end. It is a need. A great specialist will inquire about current insulation upgrades before pricing quote a brand-new unit, and will size the equipment based upon actual heat gain and loss, not on rough square footage guesses.

What to get out of a top-rated HVAC service Conway SC

There are lots of trucks with magnets that state "HVAC repair near me," however the quality of service differs considerably. A careful house owner discovers to acknowledge the practices of a strong contractor.

You can anticipate a top-tier HVAC service in Conway SC to do the following:

1. Start with diagnostics, not guesses

On a repair work go to, they will measure fixed pressure, check air flow, validate refrigerant charge with superheat and subcooling, and check electrical elements. Changing parts by trial and error usually ends with greater costs and repeat failures.

2. Look beyond the equipment

A seasoned tech will open a return plenum cover, examine duct insulation in the attic, and inquire about insulation or window upgrades. When spray foam insulation is present, they will pay attention to ventilation requirements, attic temperature levels, and any past humidity issues.

3. Document and interact clearly

You should see before and after numbers, images when pertinent, and a simple explanation of what stopped working and why. If every response involves a costly replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer choices, not ultimatums

A trustworthy business describes the instant fix, the medium term choice, and the long term plan when appropriate. For instance, they might repair a capacitor today, suggest duct sealing within six months, and talk about whether your older unit deserves keeping for another season or two.

5. Respect the structure envelope

When there is spray foam or a sealed attic, cutting new holes, venting combustion home appliances, or adding exhaust fans without idea can develop pressure problems. A pro understands how to keep the envelope undamaged and balanced.

HVAC repair work versus replacement: how to think about the decision

Few house owners are delighted to hear they might need a new system. The choice between HVAC repair Conway SC and a complete replacement should be grounded in genuine numbers and context.

Age of the system

When a system passes 12 to 15 years, it moves into the zone where large repairs take on the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If among those goes on an older system, replacement starts to look more attractive.

Efficiency gap

A twenty year old system might be running at 8 to 10 SEER in real conditions. New equipment, particularly variable speed heatpump, can push into the high teens or better. If your home now has actually upgraded insulation, the combination of lower load and greater performance often makes a compelling case for replacement.

Repair history

An occasional minor part replacement is normal. Regular blower motor failures, repeated refrigerant leaks, and persistent control board issues point to systemic problems. Keep a record of repairs throughout numerous years. Seeing the pattern on paper assists you decide with a clear head instead of in the heat of the latest breakdown.

Comfort complaints

If you still have hot and cold spaces after duct modifications and envelope improvements, or if humidity issues persist in spite of sensible run times, that might suggest the incorrect type of system or a poor quality setup. Upgrading at that point is not practically efficiency. It has to do with getting the best tool for the job.

How spray foam and HVAC systems connect over time

After spray foam insulation goes in, the home acts in a different way. Your HVAC system will reveal those changes ideal away.

Lower run time, higher part-load operation

If you have a variable speed system, it will spend more time at lower output stages. That is really desirable. It permits much better dehumidification and more constant temperatures.

Duct leak becomes more obvious

In a vented, dripping attic, a little duct leak just disposes air into a space that is already hostile. As soon as the attic is insulated and semi-conditioned, leaking ducts might develop unforeseen comfort patterns, like one room overcooling and another undercooling. The leaks did not appear over night. The much better envelope just made their effect more visible.

Ventilation questions

Tightening up the building makes mechanical ventilation more important, especially in newer building and construction with tight doors and windows. A contractor who comprehends both HVAC installation Conway SC and building science might recommend an ERV or HRV, or at least controlled restroom and kitchen area exhaust methods. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter season behavior

On cold, wet early mornings, heatpump periodically require to defrost. In a well insulated home, those defrost cycles are less noticeable inside since the rate of heat loss is lower. Even if the outdoor unit pauses heating briefly, the indoor temperature tends to stay steady.

An easy house owner checklist for year-round performance

Here is a brief, practical list you can use to keep your combined insulation and HVAC investment working as intended.

1. Change or tidy filters consistently

Dirty filters choke airflow, increase fixed pressure, and can freeze coils. With spray foam and a tight home, airflow balance matters even more.

2. Keep attic and crawlspace access sealed

If you have spray foam at the roof line or encapsulated crawlspace walls, do not leave gain access to panels unlatched or damaged. One loose hatch can compromise a lot of the air sealing gains.

3. Schedule annual HVAC service

Even high effectiveness systems need regular examinations for electrical connections, refrigerant charge, coil cleanliness, and drainage. Discuss any changes to your insulation or structure envelope considering that the last visit.

4. Watch for moisture and smell changes

Because the home is tighter, wetness sources appear more plainly. Focus on musty smells, fogged windows, or damp areas. Resolving those early avoids both air quality issues and stress on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a new HVAC installation, compare your electrical expenses year over year, adjusting mentally for big temperature differences. You should see a significant reduction in total kWh, particularly in peak summer and winter.

When "HVAC repair near me" should consist of an insulation conversation

Many service calls begin the exact same method. House owner look for HVAC repair near me, a technician shows up, and everybody concentrates on the outside condenser or furnace cabinet. The other hand is that numerous insulation salesmen focus only on R-values and rebates, and barely ask about the equipment.

The house owners who get the best results demand connecting those dots.

If your home feels drafty, if the 2nd floor is constantly hotter, or if your unit never seems to shut down, it is worth asking the HVAC professional just how much of that is devices and just how much is the structure shell. Likewise, when working with a business for spray foam insulation Conway SC tasks, ask how they collaborate with HVAC sizing and ventilation.

A few targeted questions can reveal a lot:

- Do you run a load estimation after insulation changes before pricing quote new HVAC equipment?
- How do you make sure ventilation is adequate once your home is tighter?
- If ducts run through the attic, what is your approach when converting to an unvented roofing system with foam?
- Will my existing equipment size still be appropriate after the insulation upgrade?

Professionals who can address those questions with specifics, not vague guarantees, are the ones who can assist you truly seal, save, and remain comfortable.

Bringing everything together for Conway homes

In this area, convenience and performance are a joint job between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside chaos at bay. A well created, correctly maintained HVAC system then works within that calmer environment, rather of fighting through leaks and extreme attic temperatures.

A homeowner in Conway who invests in both sides of that equation gets more than lower costs. You get quieter rooms, less temperature swings, better air quality, and devices that ages gracefully instead of burning itself out in half its potential lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one collaborated technique, you stop paying for mismatched fixes and begin building a home that works with the climate instead of against it. That is the genuine payoff of sealing, conserving, and staying comfy for the long term.

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 seals building gaps

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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 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.