

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 everything from the weather condition. Humid summer seasons that linger into October, a few cold snaps in winter season, and salt-tinged air that never quite goes away. I have actually walked into plenty of homes around Horry County where the thermostat was doing its finest, but the building itself was working versus it: leaky attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The fact is simple however frequently ignored. Your HVAC system and your insulation belong to the same convenience system. If one is weak, the other needs to work more difficult, cost more, and fail sooner.

This is where the combination of quality spray foam insulation and a dependable HVAC service in Conway SC becomes powerful. When the building shell is sealed and the system is sized and installed properly, the reward shows up in 3 locations: your energy expense, your comfort, and how long the equipment lasts.

Why sealing the home matters before updating HVAC

When somebody calls trying to find HVAC repair near me, the first impulse is to focus on the system outdoors or the air handler in the attic. Numerous techs never look past the devices itself. From experience, that narrow focus is a mistake.

I remember a home [HVAC Installation Conway SC](#) off Highway 501, approximately 2,000 square feet, with a relatively brand-new 3.5 heap heatpump. The owners grumbled that the house never cooled uniformly and the system never shut off in August. The system checked out fine. Pressures were great, refrigerant charge was right, and air flow numbers were okay. The genuine problem was in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a dripping gain access to hatch.

Once we air sealed and added spray foam insulation in the crucial locations, the same HVAC system unexpectedly had a reasonable shot. Run time dropped, the 2nd flooring finally matched the first flooring, and the homeowners began asking why their system was cycling off so much more often.

The devices did not change. The load on the home did.

The building envelope: your unnoticeable HVAC partner

Insulation, air sealing, and duct stability are the unrecognized heroes of convenience. They set the phase for how big your HVAC installation in Conway SC really requires to be and how typically that devices needs to run.

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, typically unequal 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 sunny summer day. Every leakage pulls that superheated air into the home or into the duct system. Your a/c is basically trying to cool a moving target.

Spray foam insulation changes the characteristics. Closed cell or open cell foam used to the roof deck and key air leakage points converts that blistering attic into a semi-conditioned space. Temperatures moderate, ducts sit 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 behaves the very same way in coastal South Carolina. We deal with high humidity, strong sun, and regular swings in between air conditioning and heating seasons. That combination penalizes both inadequately insulated homes and marginal HVAC systems.

How spray foam carries out in practice

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

1. Air sealing and thermal resistance in one layer

Foam sticks to framing and sheathing, filling fractures and joints that other products miss. Rather of having one item for R-value and another for air sealing, you get both in a single pass.



2. Moisture habits suited to our humidity

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

3. Quieter, more stable interiors

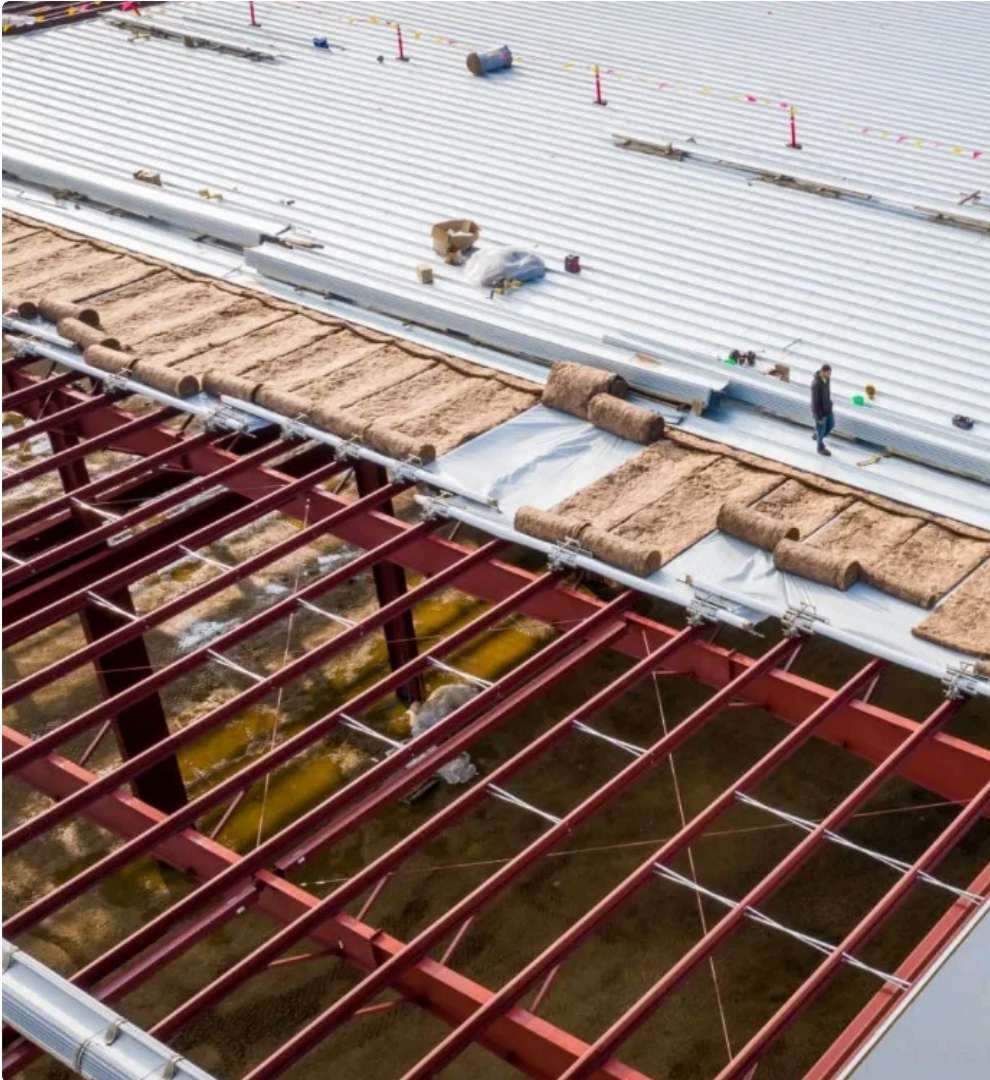
After a quality spray foam job, property owners typically notice how peaceful their home becomes. Street sound drops, wind-driven rattles vanish, and indoor temperature tends to alter more gradually. That slower temperature level swing means the HVAC system can cycle in a more controlled way rather of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

Where foam pays off the most

I have seen foam used from crawlspace walls to roof decks, but some places consistently deliver better returns in the Conway area.

Attic roofing system deck

Spraying foam at the roof line produces an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures considerably, and typically results in smaller sized tonnage requirements for brand-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 obstruct a great deal of wetness and air leakage. That can reduce musty odors, support floorings, and take a concern off the ac system throughout humid months.

Garage walls and bonus offer rooms

Any space above or beside an unconditioned garage is notorious for being either freezing or suppressing. Foam in the separating walls and floors transforms that space into something usable year round, and the primary HVAC system will not be taken out of balance attempting to fix one problem room.

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

Once the shell is enhanced, you have a chance to right-size the HVAC system. Oversizing is among the most common problems I see in HVAC installation around Conway SC, especially in homes that have recently been

tightened up.

The old general rule of a ton per 500 or 600 square feet is unrefined at best. It neglects insulation levels, window quality, shading, occupancy, and infiltration. In a home that has been upgraded with spray foam, utilizing that guideline usually results in oversizing.

Here is what oversizing looks like in the field:

Short run times

The thermostat is satisfied too quickly, so the system does not stay on long enough to pull moisture out of the air. The home feels cool however clammy, especially throughout heavy humidity.

Uneven temperature levels and hot spots

Spaces at the end of runs never get enough time with cold or warm air, so they lag behind. The system turns off before the air has actually fully mixed.

Higher wear on equipment

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

For a home with spray foam insulation Conway SC, a correct Manual J load computation is not a high-end. It is a need. An excellent contractor will ask about recent insulation upgrades before pricing estimate a brand-new system, and will size the equipment based on real heat gain and loss, not on rough square video footage guesses.

What to anticipate from a top-rated HVAC service Conway SC

There are lots of trucks with magnets that state "HVAC repair near me," but the quality of service differs significantly. A careful homeowner finds out to recognize the habits 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 see, they will determine static pressure, check airflow, confirm refrigerant charge with superheat and subcooling, and examine electrical parts. Changing parts by experimentation usually ends with higher costs and repeat failures.

2. Look beyond the equipment

A skilled 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 take notice of ventilation needs, attic temperature levels, and any past humidity issues.

3. Document and interact clearly

You ought to see before and after numbers, photos when pertinent, and a straightforward explanation of what failed and why. If every response includes a costly replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer alternatives, not ultimatums

A trustworthy company explains the immediate fix, the medium term option, and the long term plan when suitable. For example, they might fix a capacitor today, recommend duct sealing within 6 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 brand-new holes, venting combustion home appliances, or including exhaust fans without thought can develop pressure issues. A professional understands how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think of the decision

Few house owners are excited to hear they might need a brand-new system. The option in between HVAC repair Conway SC and a complete replacement need to be grounded in real numbers and context.

Age of the system

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

Efficiency gap

A twenty year old system may be running at 8 to 10 SEER in genuine conditions. New equipment, especially variable speed heat pumps, can push into the high teens or better. If your home now has actually upgraded insulation, the combination of lower load and higher efficiency frequently makes a compelling case for replacement.

Repair history

An occasional small part replacement is typical. Frequent blower motor failures, duplicated refrigerant leaks, and chronic control panel issues indicate systemic problems. Keep a record of repairs throughout a number of years. Seeing the pattern on paper assists you decide with a clear head instead of in the heat of the most recent breakdown.

Comfort complaints

If you still have hot and cold rooms after duct modifications and envelope enhancements, or if humidity issues continue despite reasonable run times, that might indicate the incorrect type of system or a bad quality setup. Upgrading at that point is not practically performance. It is about getting the ideal tool for the job.

How spray foam and HVAC systems interact over time

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

Lower run time, greater part-load operation



If you have a variable speed system, it will spend more time at lower output stages. That is in fact desirable. It allows much better dehumidification and more consistent temperatures.

Duct leakage becomes more obvious

In a vented, leaking attic, a bit of duct leakage merely discards air into a space that is currently hostile. Once the attic is insulated and semi-conditioned, dripping ducts might create unforeseen convenience patterns, like one room overcooling and another undercooling. The leaks did not appear overnight. The much better envelope merely made their impact more visible.

Ventilation questions

Tightening up the building makes mechanical ventilation more important, specifically in more recent building with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and developing science might suggest an ERV or HRV, or a minimum of regulated restroom and cooking area exhaust strategies. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter behavior

On cold, wet early mornings, heat pumps occasionally need to thaw. In a well insulated home, those defrost cycles are less obvious inside because the rate of heat loss is lower. Even if the outside system stops briefly heating briefly, the indoor temperature level tends to stay steady.

A basic homeowner 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 clean filters consistently

Unclean filters choke air flow, drive up fixed pressure, and can freeze coils. With spray foam and a tight home, airflow balance matters even more.

2. Keep attic and crawlspace gain access to 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 jeopardize a lot of the air sealing gains.

3. Schedule annual HVAC service

Even high efficiency systems need routine inspections for electrical connections, refrigerant charge, coil tidiness, and drain. Point out any modifications to your insulation or building envelope considering that the last visit.

4. Watch for wetness and odor changes

Since the home is tighter, moisture sources appear more clearly. Take notice of moldy smells, fogged windows, or damp areas. Dealing with those early avoids both air quality problems 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 bills year over year, changing psychologically for huge temperature level distinctions. You need to see a meaningful decrease in overall kWh, especially in peak summertime and winter.

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

Many service calls start the exact same way. Homeowner look for HVAC repair near me, a specialist gets here, and everybody focuses on the outdoor condenser or heater cabinet. The other hand is that lots of insulation salespeople focus just on R-values and rebates, and hardly ask about the equipment.

The property owners who get the very best outcomes insist on linking those dots.

If your home feels drafty, if the second floor is always hotter, or if your unit never ever seems to shut down, it is worth asking the HVAC specialist how much of that is equipment and how much is the structure shell. Similarly, when working with a company for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A few targeted concerns can reveal a lot:

- Do you run a load calculation after insulation changes before pricing estimate brand-new HVAC devices?
- How do you guarantee ventilation is adequate once your house is tighter?
- If ducts run through the attic, what is your approach when converting to an unvented roof with foam?
- Will my existing devices size still be appropriate after the insulation upgrade?

Professionals who can respond to those concerns with specifics, not vague guarantees, are the ones who can help you truly seal, conserve, and remain comfortable.

Bringing everything together for Conway homes

In this area, convenience and effectiveness are a joint task between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outdoor mayhem at bay. A well developed, properly preserved HVAC system then works within that calmer environment, instead of fighting through leaks and extreme attic temperatures.

A homeowner in Conway who buys both sides of that equation acquires more than lower costs. You get quieter rooms, fewer temperature level swings, much better air quality, and equipment 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 spending for mismatched repairs and start constructing a home that works with the climate instead of versus it. That is the real reward of sealing, saving, and remaining 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

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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:(843)488-1571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

Residents may take a trip to the [Rivertown Bistro](#). Rivertown Bistro demonstrates how reliable HVAC services, ventilation systems, and Quality Workmanship help create a comfortable dining environment year round.