

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 little bit of everything from the weather condition. Humid summers that stick around into October, a few cold snaps in winter season, and salt-tinged air that never ever rather disappears. I have actually walked into plenty of houses around Horry County where the thermostat was doing its best, however the structure itself was working against it: leaky attic, under-insulated crawlspace, and an HVAC system fighting a losing battle.

The reality is easy however often overlooked. Your HVAC system and your insulation become part of the very same convenience system. If one is weak, the other has to work more difficult, cost more, and stop working sooner.

This is where the combination of quality spray foam insulation and a trustworthy HVAC service in Conway SC becomes effective. When the building shell is sealed and the system is sized and installed correctly, the payoff appears in three places: your energy expense, your convenience, and the length of time the devices lasts.

Why sealing the home matters before upgrading 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 devices itself. From experience, that narrow focus is a mistake.

I remember a house off Highway 501, approximately 2,000 square feet, with a reasonably brand-new 3.5 heap heatpump. The owners grumbled that the house never cooled equally and the unit never ever shut down in August. The system took a look at fine. Pressures were good, refrigerant charge was proper, and air flow numbers

were okay. The genuine issue was in the attic: patchwork fiberglass insulation, big spaces around every penetration, and a leaky gain access to hatch.

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

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

The building envelope: your unnoticeable HVAC partner

Insulation, air sealing, and duct stability are the unsung heroes of comfort. They set the stage for how large your HVAC installation in Conway SC truly needs to be and how frequently that devices has to run.

Consider a typical older home around Conway:



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

That attic can hit 120 to 140 degrees on a bright summer day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning unit is basically trying to cool a moving target.

Spray foam insulation alters the dynamics. Closed cell or open cell foam applied to the roofing system deck and essential air leakage points converts that blistering attic into a semi-conditioned area. Temperature levels 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 behaves the same way in coastal South Carolina. We deal with high humidity, strong sun, and regular swings between air conditioning and heating seasons. That mix punishes both poorly insulated homes and marginal HVAC systems.

How spray foam performs in practice

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



1. Air sealing and thermal resistance in one layer

Foam follows framing and sheathing, filling cracks and seams that other products miss out on. Instead 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 allow assemblies to dry to the interior. Closed cell has a greater R-value per inch and acts as a vapor retarder. The option between them depends on roofing system design, existing products, and whether you have a history of roofing system leaks or condensation. There is no one-size option. A professional who comprehends the local code and climate is crucial.

3. Quieter, more stable interiors

After a quality spray foam task, homeowners often notice how quiet their home becomes. Street noise drops, wind-driven rattles vanish, and indoor temperature level tends to alter more slowly. That slower temperature level swing suggests the HVAC unit can cycle in a more controlled way rather of jerking on and off with every gust of hot air.

Where foam settles the most

I have actually seen foam utilized from crawlspace walls to roof decks, but some places regularly deliver much better returns in the Conway area.

Attic roofing deck

Spraying foam at the roofing line creates an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures considerably, and frequently causes smaller 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 moisture and air leakage. That can reduce moldy odors, support floors, and take a problem off the air conditioning system during humid months.

Garage walls and [HVAC Repair Conway SC](#) benefit rooms

Any area above or beside an unconditioned garage is notorious for being either freezing or stifling. Foam in the separating walls and floors changes that area into something usable all year, and the main HVAC system will not be pulled out of balance attempting to repair one problem room.

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

Once the shell is improved, 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, particularly in homes that have recently been tightened up.

The old rule of thumb of a load per 500 or 600 square feet is unrefined at best. It neglects insulation levels, window quality, shading, tenancy, and infiltration. In a home that has actually been updated with spray foam, using that rule normally causes oversizing.

Here is what oversizing looks like in the field:

Short run times

The thermostat is satisfied too rapidly, so the system does not stay on enough time to pull wetness 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 sufficient time with cold or warm air, so they drag. The system shuts off before the air has actually totally mixed.

Higher wear on equipment



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

For a home with spray foam insulation Conway SC, an appropriate Manual J load computation is not a luxury. It is a necessity. A great professional will inquire about current insulation upgrades before estimating a brand-new unit, and will size the equipment based upon actual heat gain and loss, not on rough square video footage guesses.

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

There are a lot of trucks with magnets that say "HVAC repair near me," however the quality of service differs drastically. A mindful property owner learns to acknowledge the practices of a solid contractor.

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

1. Start with diagnostics, not guesses

On a repair work visit, they will determine static pressure, check airflow, validate refrigerant charge with superheat and subcooling, and examine electrical parts. Changing parts by experimentation usually ends with greater costs and repeat failures.

2. Look beyond the equipment

A seasoned tech will open a return plenum cover, inspect duct insulation in the attic, and ask about insulation or window upgrades. When spray foam insulation exists, they will pay attention to ventilation requirements, attic temperatures, and any previous humidity issues.

3. Document and communicate clearly

You ought to see before and after numbers, photos when relevant, and an uncomplicated description of what stopped working and why. If every answer includes a costly replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer choices, not ultimatums

A reliable company explains the instant repair, the medium term alternative, and the long term plan when suitable. For instance, they may fix a capacitor today, suggest duct sealing within 6 months, and discuss 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 appliances, or adding exhaust fans without idea can produce pressure issues. A professional understands how to keep the envelope undamaged and balanced.

HVAC repair work versus replacement: how to consider the decision

Few property owners are delighted to hear they might need a brand-new system. The choice between HVAC repair Conway SC and a full replacement ought to be grounded in genuine numbers and context.

Age of the system

Once an unit 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 devices, particularly variable speed heatpump, can press into the high teens or better. If your home now has actually updated insulation, the mix of lower load and higher performance frequently makes a compelling case for replacement.

Repair history

An occasional minor part replacement is typical. Regular blower motor failures, duplicated refrigerant leaks, and chronic control board concerns indicate systemic issues. Keep a record of repairs across a number of years. Seeing the pattern on paper assists you choose with a clear head rather than 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 problems persist in spite of affordable run times, that might indicate the wrong type of system or a poor quality installation. Upgrading at that point is not just about efficiency. It has to do with getting the right tool for the job.

How spray foam and HVAC systems interact over time

After spray foam insulation goes in, the home behaves in a different way. Your HVAC system will show those modifications right 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 actually preferable. It permits better dehumidification and more consistent temperatures.

Duct leakage ends up being more obvious

In a vented, leaking attic, a little bit of duct leakage simply dumps air into an area that is currently hostile. Once the attic is insulated and semi-conditioned, dripping ducts might produce unanticipated convenience patterns, like one room overcooling and another undercooling. The leaks did not appear overnight. The much better envelope just made their effect more visible.

Ventilation questions

Tightening the building makes mechanical ventilation more vital, specifically in more recent construction with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and building science might suggest an ERV or HRV, or a minimum of controlled restroom and kitchen exhaust methods. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter behavior

On cold, moist early mornings, heatpump occasionally require to thaw. In a well insulated home, those defrost cycles are less noticeable inside since the rate of heat loss is lower. Even if the outside unit pauses heating briefly, the indoor temperature level tends to remain steady.

A basic property owner list for year-round performance

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

1. Change or clean filters consistently

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

2. Keep attic and crawlspace gain access to sealed

If you have spray foam at the roofing system line or encapsulated crawlspace walls, do not leave gain access to panels unlatched or damaged. One loose hatch can jeopardize a great deal 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 drainage. Mention any modifications to your insulation or building envelope since the last visit.

4. Watch for moisture and odor changes

Since the home is tighter, wetness sources show up more plainly. Pay attention to moldy smells, fogged windows, or damp spots. Addressing those early avoids both air quality issues and pressure on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a brand-new HVAC installation, compare your electrical bills year over year, changing psychologically for huge temperature distinctions. You must see a significant decline in total kWh, especially in peak summer season and winter.

When "HVAC repair near me" should include an insulation conversation

Many service calls start the exact same method. House owner look for HVAC repair near me, a professional gets here, and everybody focuses on the outdoor condenser or heating system cabinet. The flip side is that many insulation salespeople focus just on R-values and refunds, and barely inquire about the equipment.

The house owners who get the very best results insist on linking those dots.

If your home feels drafty, if the second flooring is constantly hotter, or if your unit never seems to shut off, it deserves asking the HVAC contractor just how much of that is equipment and how much is the building shell. Likewise, when hiring a company for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A few targeted questions can expose a lot:

- Do you run a load calculation after insulation changes before pricing quote new HVAC devices?
- How do you guarantee ventilation is sufficient once your home is tighter?
- If ducts go through the attic, what is your technique when converting to an unvented roof with foam?
- Will my existing equipment size still be suitable after the insulation upgrade?

Professionals who can answer those questions with specifics, not vague assurances, are the ones who can help you really seal, save, and stay comfortable.

Bringing everything together for Conway homes

In this area, convenience and efficiency are a joint task in between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well created, effectively kept HVAC system then works within that calmer environment, instead of fighting through leaks and extreme attic temperatures.

A property owner in Conway who buys both sides of that formula acquires more than lower expenses. You get quieter spaces, fewer temperature swings, better air quality, and equipment that ages with dignity instead of burning itself out in half its prospective lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one collaborated method, you stop spending for mismatched repairs and start constructing a home that works with the environment instead of versus it. That is the genuine benefit of sealing, saving, and remaining comfortable 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
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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](#)

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.