

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.

[View on Google Maps](#)

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

Follow Us:

- TikTok: <https://www.tiktok.com/@tech.service.inc>

Explore this content with AI:

 [ChatGPT](#)  [Perplexity](#)  [Claude](#)  [Google AI Mode](#)  [Grok](#)

Homes around Conway see a little bit of everything from the weather. Damp summers that linger into October, a couple of cold snaps in winter season, and salt-tinged air that never quite goes away. I have walked into lots of homes around Horry County where the thermostat was doing its best, however the building itself was working versus it: leaky attic, under-insulated crawlspace, and an HVAC system combating a losing battle.

The truth is easy but frequently neglected. Your HVAC system and your insulation become part of the very same comfort system. If one is weak, the other has to work more difficult, cost more, and stop working sooner.

This is where the mix of quality spray foam insulation and a dependable HVAC service in Conway SC ends up being powerful. When the building shell is sealed and the system is sized and set up properly, the benefit shows up in 3 locations: your energy costs, your convenience, and the length of time the equipment lasts.

Why sealing the home matters before upgrading HVAC

When someone calls looking for HVAC repair near me, the very first impulse is to focus on the unit outdoors or the air handler in the attic. Many techs never ever look past the devices 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 brand-new 3.5 load heat pump. The owners grumbled that the house never cooled evenly and the unit never ever shut down in August. The system checked out fine. Pressures were good, refrigerant charge was appropriate, and air flow numbers were okay. The genuine problem remained 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 crucial locations, the exact same HVAC system unexpectedly had a reasonable shot. Run time dropped, the second flooring finally matched the first flooring, and the homeowners started asking why their unit was cycling off a lot more often.

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

The structure envelope: your invisible HVAC partner

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



Consider a normal older home around Conway:

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

That attic can strike 120 to 140 degrees on a sunny summer season day. Every leakage 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 essential air leakage points converts that blistering attic into a semi-conditioned space. 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 very same way in seaside South Carolina. We deal with high humidity, strong sun, and regular swings in between air conditioning and heating seasons. That mix penalizes both improperly insulated homes and limited HVAC systems.

How spray foam performs in practice

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

1. Air sealing and thermal resistance in one layer

Foam sticks to framing and sheathing, filling fractures and joints that other items 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 habits suited to our humidity

Open cell foam is vapor permeable and can enable assemblies to dry to the interior. Closed cell has a higher R-value per inch and acts as a vapor retarder. The choice in between them depends upon roof design, existing products, and whether you have a history of roofing leakages or condensation. There is no one-size service. A professional who comprehends the regional code and climate is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, property owners typically discover how peaceful their home becomes. Street noise drops, wind-driven rattles disappear, and indoor temperature tends to alter more slowly. That slower temperature level swing suggests the HVAC system can cycle in a more regulated method rather of jerking on and off with every gust of hot air.

Where foam settles the most

I have seen foam utilized from crawlspace walls to roofing decks, but some locations regularly deliver better returns in the Conway area.

Attic roofing system deck

Spraying foam at the roofing system line creates an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperatures dramatically, and often leads to 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 leak. That can lower moldy smells, stabilize floorings, and take a burden off the air conditioner during damp months.

Garage walls and bonus offer rooms

Any space above or next to an unconditioned garage is infamous for being either freezing or stifling. Foam in the separating walls and floorings transforms that space into something usable all year, and the main HVAC system will not be pulled out of balance attempting to fix one issue room.

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

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

The old rule of thumb of a load per 500 or 600 square feet is crude at best. It overlooks insulation levels, window quality, shading, occupancy, and seepage. In a home that has actually been upgraded with spray foam, utilizing that rule 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, particularly during heavy humidity.

Uneven temperatures and hot spots

Spaces at the end of runs never ever get adequate time with cold or warm air, so they lag behind. The system turns off before the air has actually completely 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 devices life and more regular HVAC repair in Conway SC over the years.

For a home with spray foam insulation Conway SC, an appropriate Manual J load estimation is not a high-end. It is a need. A good specialist will inquire about current insulation upgrades before pricing estimate a brand-new system, and will size the equipment based upon 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 a lot of trucks with magnets that state "HVAC repair near me," however the quality of service varies significantly. A careful house owner finds out to recognize the routines of a solid 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 visit, they will measure static pressure, check air flow, confirm refrigerant charge with superheat and subcooling, and examine electrical elements. Replacing 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 ask about insulation or window upgrades. When spray foam insulation is present, they will focus on ventilation requirements, attic temperatures, and any previous humidity issues.

3. Document and communicate clearly

You ought to see before and after numbers, pictures when relevant, and a straightforward description of what failed and why. If every answer involves a costly replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer alternatives, not ultimatums

A credible company explains the immediate fix, the medium term option, and the long term strategy when appropriate. For instance, they might fix a capacitor today, advise duct sealing within six months, and go over 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 develop 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 new system. The option between HVAC repair Conway SC and a full replacement must be grounded in genuine numbers and context.

Age of the system

As soon as 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 one of those goes on an older system, replacement starts to look more attractive.

Efficiency gap

A twenty years of age system may be running at 8 to 10 SEER in real conditions. New equipment, especially variable speed heatpump, can press into the high teens or much better. If your home now has actually upgraded insulation, the combination of lower load and higher efficiency typically makes a compelling case for replacement.

Repair history

An occasional small part replacement is regular. Regular blower motor failures, repeated refrigerant leakages, and persistent control panel concerns point to systemic issues. Keep a record of repair work throughout numerous years. Seeing the pattern on paper helps you decide with a clear head instead of in the heat of the current breakdown.

Comfort complaints

If you still have cold and hot spaces after duct modifications and envelope enhancements, or if humidity concerns persist despite sensible run times, that may show the incorrect kind of system or a poor quality installation. Upgrading at that point is not almost efficiency. It is about getting the best tool for the job.

How spray foam and HVAC systems connect over time

After spray foam insulation goes in, the home behaves differently. Your HVAC system will reveal those modifications best 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 really desirable. It allows better dehumidification and more constant temperatures.

Duct leak becomes more obvious

In a vented, leaky attic, a bit of duct leakage just dumps air into an area that is already hostile. Once the attic is insulated and semi-conditioned, dripping ducts may produce unexpected comfort patterns, like one room overcooling and another undercooling. The leakages did not appear overnight. The better envelope simply made their impact more visible.

Ventilation questions

Tightening the structure makes mechanical ventilation more vital, especially in more recent construction with tight windows and doors. A professional who comprehends both HVAC installation Conway SC and building science may recommend an ERV or HRV, or a minimum of controlled 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, heatpump periodically require to defrost. In a well insulated home, those defrost cycles are less noticeable inside because the rate of heat loss is lower. Even if the outdoor system pauses heating briefly, the indoor temperature level tends to remain steady.

An easy property owner checklist for year-round performance

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

1. Change or tidy filters consistently

Filthy 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 compromise a lot of the air sealing gains.

3. Schedule yearly HVAC service

Even high effectiveness systems need regular evaluations for electrical connections, refrigerant charge, coil tidiness, and drain. Discuss any modifications to your insulation or building envelope because the last visit.

4. Watch for wetness and odor changes

Due to the fact that the home is tighter, moisture sources show up more clearly. Take notice of musty smells, fogged windows, or damp spots. Attending to those early avoids both air quality concerns and strain on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a new HVAC installation, compare your electric bills year over year, changing psychologically for huge temperature level distinctions. You should see a meaningful reduction in total kWh, particularly in peak summer season and winter.

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

Many service calls begin the exact same way. Property owner look for HVAC repair near me, a service technician shows up, and everybody concentrates on the outside condenser or furnace cabinet. The other hand is that many insulation salesmen focus only on R-values and refunds, and hardly inquire about the equipment.

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

If your home feels drafty, if the 2nd flooring is always hotter, or if your system never seems to shut down, it deserves asking the HVAC professional just how much of that is equipment and just how much is the building shell. Likewise, when working with a business for spray foam insulation Conway SC projects, ask how they collaborate with HVAC sizing and ventilation.

A couple of targeted concerns can expose a lot:



- Do you run a load estimation after insulation modifications before estimating brand-new HVAC equipment?
- How do you ensure ventilation is adequate once your house is tighter?
- If ducts run through the attic, what is your approach when transforming to an unvented roofing with foam?
- Will my existing equipment size still be appropriate after the insulation upgrade?

Professionals who can answer those concerns with specifics, not unclear assurances, are the ones who can assist you genuinely seal, save, and remain comfortable.

Bringing all of it together for Conway homes

In this region, comfort and efficiency are a joint job between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well developed, effectively maintained HVAC system then [Spray Foam Insulation Conway SC](#) works within that calmer environment, rather of hammering out leakages and extreme attic temperatures.

A property owner in Conway who invests in both sides of that equation gains more than lower bills. You get quieter spaces, less temperature level swings, much better air quality, and equipment that ages gracefully rather than burning itself out in half its prospective lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated method, you stop paying for mismatched fixes and begin developing a home that deals with the climate instead of against it. That is the

genuine 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

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

Tech Service Heating Cooling and Spray Foam upgrades insulation systems

Tech Service Heating Cooling and Spray Foam handles cooling repairs

Tech Service Heating Cooling and Spray Foam manages heating installations

Tech Service Heating Cooling and Spray Foam delivers quality workmanship

Tech Service Heating Cooling and Spray Foam improves air quality

Tech Service Heating Cooling and Spray Foam insulates attic spaces

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](#)

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.