

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. Damp summertimes that linger into October, a couple of cold snaps in winter, and salt-tinged air that never ever rather disappears. I have strolled into plenty of houses around Horry County where the thermostat was doing its best, however the structure itself was working versus it: dripping attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The reality is basic but frequently overlooked. Your HVAC system and your insulation belong to the exact same convenience system. If one is weak, the other has to work harder, cost more, and fail sooner.

This is where the combination of quality spray foam insulation and a trustworthy 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 appears in three places: your energy expense, your convenience, and for how long the devices 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 unit outdoors or the air handler in the attic. Lots of techs never ever 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 ton heat pump. The owners complained that your home never ever cooled equally and the system never turned off in August. The system took a look at fine. Pressures were good, refrigerant charge was proper, and air flow numbers were okay. The real problem remained in the attic: patchwork fiberglass insulation, huge gaps around every penetration, and a dripping access hatch.

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

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

The building envelope: your invisible HVAC partner

Insulation, air sealing, and duct integrity are the unsung heroes of convenience. They set the stage for how large your HVAC installation in Conway SC actually needs to be and how often that equipment has to run.

Consider a typical older home around Conway:

- Vented attic with loose-fill or batt insulation, often uneven 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 strike 120 to 140 degrees on a warm summer day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning unit is essentially trying to cool a moving target.

Spray foam insulation changes the characteristics. Closed cell or open cell foam used to the roof deck and crucial air leak points converts 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 very same method in coastal South Carolina. We handle high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That mix penalizes both poorly insulated homes and limited HVAC systems.

How spray foam performs in practice

Properly installed spray foam insulation in Conway SC can provide 3 important benefits.

1. Air sealing and thermal resistance in one layer

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

2. Moisture behavior 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 choice in between them depends on roof design, existing products, and whether you have a history of roofing 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 job, homeowners frequently notice how peaceful their home becomes. Street noise drops, wind-driven rattles vanish, and indoor temperature tends to change more gradually. That slower temperature swing implies the HVAC unit can cycle in a more regulated way instead 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 system decks, however some locations regularly deliver much better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing system line develops an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperatures significantly, and typically 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 great deal of moisture and air leak. That can decrease musty smells, support floorings, and take a burden off the a/c unit during humid months.

Garage walls and bonus rooms

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

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

Once the shell is enhanced, you have an opportunity to right-size the HVAC system. Oversizing is one of the most common problems I see in HVAC installation around Conway SC, especially in homes that have actually recently been tightened up up.

The old guideline of a ton per 500 or 600 square feet is crude at best. It disregards insulation levels, window quality, shading, tenancy, and infiltration. In a home that has been updated with spray foam, using that guideline usually results in oversizing.

Here is what oversizing looks like in the field:

Short run times

The thermostat is pleased too quickly, so the system does not remain on enough time to pull wetness out of the air. The home feels cool however clammy, specifically throughout heavy humidity.

Uneven temperatures and hot spots

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

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than steady, moderate run time. That equates to 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 luxury. It is a requirement. An excellent contractor will inquire about current insulation upgrades before pricing estimate a brand-new system, and will size the equipment based on 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 state "HVAC repair near me," but the quality of service varies considerably. A cautious house owner discovers to recognize the routines 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 measure fixed pressure, check air flow, verify refrigerant charge with superheat and subcooling, and inspect electrical components. Replacing parts by trial and error normally ends with greater costs and repeat failures.

2. Look beyond the equipment

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

3. Document and interact clearly

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

4. Offer choices, not ultimatums

A credible company describes the immediate repair, the medium term choice, and the long term plan when proper. For instance, they might repair a capacitor today, advise duct sealing within 6 months, and go over whether your older system deserves keeping for another season or two.



5. Respect the building envelope

When there is spray foam or a sealed attic, cutting brand-new holes, venting combustion home appliances, or including exhaust fans without idea can develop pressure issues. A pro comprehends how to keep the envelope intact and balanced.

HVAC repair versus replacement: how to think about the decision

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

Age of the system

As soon as an unit passes 12 to 15 years, it moves into the zone where big repairs compete with 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 genuine conditions. New devices, especially variable speed heatpump, can press into the high teens or much better. If your home now has actually updated insulation, the mix of lower load and higher efficiency typically makes a compelling case for replacement.

Repair history

An occasional small part replacement is normal. Regular blower motor failures, repeated refrigerant leaks, and chronic control panel issues indicate systemic issues. Keep a record of repair work throughout several years. Seeing the pattern on paper assists you choose with a clear head instead of in the heat of the most recent breakdown.

Comfort complaints

If you still have cold and hot spaces after duct changes and envelope enhancements, or if humidity issues continue despite sensible run times, that might suggest the wrong type of system or a bad quality setup. Updating at that point is not almost efficiency. It is about getting the right 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 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 phases. That is really desirable. It allows better dehumidification and more consistent temperatures.

Duct leak ends up being more obvious

In a vented, leaky attic, a little bit of duct leakage simply discards air into a space that is currently hostile. Once the attic is insulated and semi-conditioned, leaking ducts might produce unexpected convenience patterns, like one space overcooling and another undercooling. The leakages did not appear overnight. The much better envelope simply made their effect more visible.

Ventilation questions

Tightening the structure makes mechanical ventilation more crucial, particularly in more recent building with tight doors and windows. A contractor who understands both HVAC installation Conway SC and constructing science may suggest an ERV or HRV, or a minimum of controlled bathroom and kitchen area exhaust techniques. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter season behavior

On cold, wet mornings, heat pumps sometimes need to thaw. In a well insulated home, those defrost cycles are less obvious inside due to the fact that the rate of heat loss is lower. Even if the outside system pauses heating briefly, the indoor temperature level tends to remain steady.

A basic property owner checklist for year-round performance

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

1. Change or clean filters consistently

Filthy filters choke air flow, 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 access panels unlatched or harmed. One loose hatch can compromise a lot of the air sealing gains.

3. Schedule annual HVAC service

Even high efficiency systems need regular examinations for electrical connections, refrigerant charge, coil tidiness, and drain. Mention any changes to your insulation or structure envelope since the last visit.

4. Watch for wetness and odor changes

Since the home is tighter, wetness sources show up more plainly. Take notice of moldy smells, fogged windows, or damp spots. Dealing with 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 costs year over year, adjusting mentally for huge temperature level differences. You need to see a meaningful decline in overall kWh, specifically in peak summer season and winter.

When "HVAC repair near me" need to include an insulation conversation

Many service calls start the same method. House owner look for HVAC repair near me, a technician gets here, and everyone concentrates on the outdoor condenser or heater cabinet. The other side is that lots of insulation salespeople focus just on R-values and refunds, and barely inquire about the equipment.

The homeowners who get the best outcomes insist on linking those dots.

If your home feels drafty, if the 2nd flooring is always hotter, or if your unit never ever appears to shut off, it is worth asking the HVAC contractor just how much of that is devices and how much is the building shell. Likewise, when hiring a business for spray foam insulation Conway SC projects, ask how they coordinate with HVAC sizing and ventilation.

A couple of targeted concerns can reveal a lot:

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

Professionals who can address those concerns with specifics, not vague assurances, are the ones who can help you really seal, conserve, and stay comfortable.

Bringing everything together for Conway homes

In this region, convenience and effectiveness are a joint task between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside chaos at bay. A well designed, appropriately preserved HVAC system then works within that calmer environment, rather [HVAC repair near me](#) of fighting through leakages and extreme attic temperatures.

A homeowner in Conway who invests in both sides of that formula acquires more than lower expenses. You get quieter rooms, less temperature level swings, better air quality, and devices that ages with dignity instead of burning itself out in half its potential 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 payoff of sealing, saving, and staying 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

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

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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](tel:(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](#)

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