

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. Humid summers that linger into October, a few cold snaps in winter season, and salt-tinged air that never quite disappears. 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: dripping attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The truth is basic however often ignored. Your HVAC system and your insulation become part of the 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 reliable HVAC service in Conway SC ends up being effective. When the building shell is sealed and the system is sized and installed correctly, the payoff appears in 3 locations: your energy bill, your convenience, and for how long the devices lasts.

Why sealing the home matters before updating HVAC

When somebody calls searching for HVAC repair near me, the first instinct is to concentrate 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 fairly brand-new 3.5 ton heat pump. The owners complained that your house never ever cooled evenly and the system never ever shut down in August. The system checked out fine. Pressures were good, refrigerant charge was right, and airflow numbers were okay. The genuine problem was in the attic: patchwork fiberglass insulation, big spaces around every penetration, and a leaking access hatch.

Once we air sealed and included spray foam insulation in the crucial areas, the same HVAC system all of a sudden had a fair [Spray Foam Insulation Conway SC](#) shot. Run time dropped, the 2nd flooring lastly matched the first flooring, and the property owners began asking why their unit was cycling off a lot more often.

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

The building envelope: your undetectable HVAC partner

Insulation, air sealing, and duct integrity are the unrecognized heroes of comfort. They set the stage for how big your HVAC installation in Conway SC really needs to be and how frequently that devices has to run.

Consider a common 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 leading plates, electrical penetrations, recessed lights, and around the attic hatch

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

Spray foam insulation alters the characteristics. Closed cell or open cell foam applied to the roofing system deck and crucial air leak 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 same way in seaside South Carolina. We handle high humidity, strong sun, and regular swings in between a/c and heating seasons. That combination penalizes both poorly insulated homes and minimal HVAC systems.



How spray foam carries out in practice

Properly installed spray foam insulation in Conway SC can deliver three crucial benefits.

1. Air sealing and thermal resistance in one layer

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



2. Moisture habits fit to our humidity

Open cell foam is vapor permeable and can permit assemblies to dry to the interior. Closed cell has a greater R-value per inch and functions as a vapor retarder. The choice in between them depends on roofing system design, existing products, and whether you have a history of roofing leakages or condensation. There is no one-size option. A professional who comprehends the regional code and environment is crucial.

3. Quieter, more steady interiors

After a quality spray foam task, homeowners frequently see 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 indicates the HVAC unit 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 system decks, but some locations regularly deliver much better returns in the Conway area.

Attic roofing deck

Spraying foam at the roof line develops an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperature levels significantly, and frequently leads to 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 lower musty odors, stabilize floorings, and take a problem off the air conditioning unit during humid months.

Garage walls and benefit rooms

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

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

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

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

Here is what oversizing looks like in the field:

Short run times

The thermostat is pleased too rapidly, so the system does not stay on long enough to pull wetness out of the air. The home feels cool however clammy, particularly throughout heavy humidity.

Uneven temperatures and hot spots

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

Higher wear on equipment

Frequent starts and stops are harder on motors and compressors than stable, moderate run time. That equates to much shorter equipment 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 computation is not a luxury. It is a need. A good specialist will ask about current insulation upgrades before pricing estimate a new system, and will size the devices based on actual heat gain and loss, not on rough square video footage guesses.

What to expect from a premier HVAC service Conway SC

There are lots of trucks with magnets that say "HVAC repair near me," however the quality of service varies considerably. A mindful house owner learns to acknowledge 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 visit, they will determine static pressure, check airflow, confirm refrigerant charge with superheat and subcooling, and examine electrical components. Replacing parts by experimentation normally ends with greater costs and repeat failures.

2. Look beyond the equipment

A skilled tech will open a return plenum cover, inspect duct insulation in the attic, and ask 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, photos when pertinent, and an uncomplicated explanation of what failed and why. If every response involves a pricey replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer alternatives, not ultimatums

A credible business discusses the instant repair, the medium term alternative, and the long term strategy when proper. For instance, they may fix a capacitor today, advise duct sealing within six months, and talk about whether your older unit 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 devices, or adding exhaust fans without idea can develop pressure problems. A professional understands how to keep the envelope intact and balanced.

HVAC repair versus replacement: how to think about the decision

Few property owners are delighted to hear they might need a new system. The option in between HVAC repair Conway SC and a full replacement need to 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 big repair work 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 begins to look more attractive.

Efficiency gap

A twenty year old system may be performing at 8 to 10 SEER in genuine conditions. Brand-new equipment, particularly variable speed heat pumps, can press into the high teens or better. If your home now has updated insulation, the combination of lower load and greater performance typically makes an engaging case for replacement.

Repair history

An occasional small part replacement is regular. Frequent blower motor failures, repeated refrigerant leaks, and persistent control panel concerns point to systemic problems. Keep a record of repair work throughout a number of 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 changes and envelope enhancements, or if humidity concerns persist in spite of affordable run times, that might suggest the wrong kind of system or a poor quality installation. Updating at that point is not just about effectiveness. It has to do with getting the ideal tool for the job.

How spray foam and HVAC systems interact over time

After spray foam insulation enters, the home acts differently. Your HVAC system will show those changes best away.

Lower run time, higher part-load operation

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

Duct leak ends up being more obvious

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

Ventilation questions

Tightening up the building makes mechanical ventilation more vital, especially in more recent construction with tight windows and doors. A professional who understands both HVAC installation Conway SC and developing science may advise an ERV or HRV, or at least controlled restroom and kitchen area exhaust strategies. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter season behavior

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

A basic homeowner list for year-round performance

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

1. Change or clean filters consistently

Dirty filters choke airflow, drive up static 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 roofing line or encapsulated crawlspace walls, do not leave gain access to panels unlatched or harmed. One loose hatch can compromise a great deal of the air sealing gains.

3. Schedule yearly HVAC service

Even high performance systems need routine examinations for electrical connections, refrigerant charge, coil cleanliness, and drainage. Point out any modifications to your insulation or structure envelope considering that the last visit.

4. Watch for moisture and smell changes

Since the home is tighter, moisture sources show up more clearly. Take notice of musty smells, fogged windows, or damp areas. Attending to 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 electric costs year over year, adjusting psychologically for big temperature distinctions. You need to see a significant decline in total kWh, specifically in peak summer season and winter.

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

Many service calls begin the very same way. Property owner searches for HVAC repair near me, a technician shows up, and everyone concentrates on the outdoor condenser or heating system cabinet. The flip side is that many insulation salespeople focus only on R-values and refunds, and barely ask about the equipment.

The property 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 unit never appears to turn off, it is worth asking the HVAC professional just how much of that is equipment and just how much is the structure shell. Likewise, when working with a business for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A few targeted concerns can expose 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 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 proper after the insulation upgrade?

Professionals who can address those concerns with specifics, not vague guarantees, are the ones who can help you genuinely seal, save, and remain comfortable.

Bringing all of it together for Conway homes

In this area, convenience and efficiency are a joint project in between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside turmoil at bay. A well designed, appropriately kept HVAC

system then works within that calmer environment, instead of fighting through leakages and severe attic temperatures.

A homeowner in Conway who purchases both sides of that equation acquires more than lower costs. You get quieter rooms, fewer temperature level swings, better air quality, and equipment that ages gracefully rather than burning itself out in half its possible lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated strategy, you stop spending for mismatched repairs and start constructing a home that works with the climate rather of versus it. That is the real benefit of sealing, saving, 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

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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](#)

Visiting the [Collins Park](#) demonstrates how professional Heating Systems Repairs and Spray Foam Insulation support community buildings and recreational facilities with dependable comfort.