

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 whatever from the weather. Damp summer seasons that stick around into October, a couple of 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, but the building itself was working versus it: leaking attic, under-insulated crawlspace, and an HVAC system combating a losing battle.

The fact is simple however typically neglected. Your HVAC system and your insulation are part of 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 trustworthy HVAC service in Conway SC becomes effective. When the building shell is sealed and the system is sized and set up properly, the reward shows up in 3 places: your energy expense, your comfort, and the length of time the devices lasts.

Why sealing the home matters before upgrading HVAC

When somebody calls trying to find HVAC repair near me, the very first impulse is to [HVAC Installation Conway SC](#) concentrate on the system outdoors or the air handler in the attic. Numerous 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 relatively brand-new 3.5 ton heat pump. The owners complained that their house never ever cooled evenly and the unit never turned off in August. The system checked out fine. Pressures were good, refrigerant charge was right, and airflow numbers were not bad. The genuine problem was in the attic: patchwork fiberglass insulation, big gaps around every penetration, and a leaking access hatch.

Once we air sealed and added spray foam insulation in the crucial locations, the exact same HVAC system suddenly had a fair shot. Run time dropped, the second flooring finally matched the very first flooring, and the property owners began asking why their system was cycling off a lot more often.



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

The structure envelope: your undetectable 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 requires to be and how typically that device needs to run.

Consider a normal older home around Conway:

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

Spray foam insulation alters the characteristics. Closed cell or open cell foam used to the roofing deck and essential air leakage points converts that blistering attic into a semi-conditioned space. Temperature levels 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 works in this climate

Not all insulation behaves the same method in seaside South Carolina. We deal with high humidity, strong sun, and frequent swings in between air conditioning and heating seasons. That combination penalizes both

improperly insulated homes and minimal HVAC systems.

How spray foam performs in practice

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

1. Air sealing and thermal resistance in one layer

Foam adheres to 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 habits fit to our humidity

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

3. Quieter, more steady interiors

After a quality spray foam job, homeowners often notice how peaceful their home ends up being. Street sound drops, wind-driven rattles vanish, and indoor temperature tends to change more slowly. That slower temperature swing suggests the HVAC system can cycle in a more regulated way 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, however some locations regularly provide 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, reduces attic temperature levels considerably, 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 lot of moisture and air leakage. That can minimize moldy odors, support floors, and take a problem off the air conditioning system during damp months.

Garage walls and benefit rooms

Any space 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 primary HVAC system will not be pulled out of balance trying to repair one issue room.

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

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

The old rule of thumb of a lot per 500 or 600 square feet is crude at finest. It overlooks insulation levels, window quality, shading, tenancy, and infiltration. In a home that has been updated with spray foam, utilizing that guideline typically leads to 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 enough time to pull wetness out of the air. The home feels cool but clammy, especially during heavy humidity.

Uneven temperature levels and hot spots

Rooms at the end of runs never ever get adequate time with cold or warm air, so they lag behind. The system shuts off before the air has actually fully mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than steady, moderate run time. That translates 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, a correct Manual J load calculation is not a luxury. It is a requirement. A great contractor will ask about recent insulation upgrades before quoting a brand-new unit, and

will size the devices based on real heat gain and loss, not on rough square footage guesses.

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

There are plenty of trucks with magnets that state "HVAC repair near me," however the quality of service varies considerably. A careful property 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 work visit, they will determine static pressure, check air flow, validate refrigerant charge with superheat and subcooling, and check electrical components. Replacing parts by experimentation normally ends with higher costs and repeat failures.

2. Look beyond the equipment

An experienced tech will open a return plenum cover, examine duct insulation in the attic, and ask about insulation or window upgrades. When spray foam insulation exists, they will take note of ventilation needs, attic temperatures, and any past humidity issues.

3. Document and interact clearly

You need to see before and after numbers, pictures when relevant, and an uncomplicated explanation of what failed and why. If every answer involves a pricey replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer options, not ultimatums

A trustworthy business discusses the immediate repair, the medium term option, and the long term plan when proper. For instance, they may repair a capacitor today, advise duct sealing within six months, and go over whether your older system is worth 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 thought can produce pressure problems. A pro comprehends how to keep the envelope intact and balanced.

HVAC repair work versus replacement: how to think of the decision

Few property owners are thrilled to hear they might require a brand-new system. The choice in between HVAC repair Conway SC and a complete replacement must be grounded in real numbers and context.

Age of the system

As soon as a system passes 12 to 15 years, it moves into the zone where large repair work compete with the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If among those goes on an older system, replacement begins to look more attractive.

Efficiency gap

A twenty year old system might be performing at 8 to 10 SEER in real conditions. New equipment, particularly variable speed heatpump, can push into the high teens or much better. If your home now has actually upgraded insulation, the mix of lower load and higher performance typically makes a compelling case for replacement.

Repair history

An occasional small part replacement is regular. Frequent blower motor failures, repeated refrigerant leaks, and persistent control board issues indicate systemic issues. Keep a record of repairs across a number of years. Seeing the pattern on paper helps you choose with a clear head rather than in the heat of the latest breakdown.

Comfort complaints

If you still have hot and cold spaces after duct changes and envelope enhancements, or if humidity problems persist regardless of sensible run times, that may suggest the incorrect kind of system or a bad quality installation. Upgrading at that point is not just about effectiveness. It is about getting the ideal tool for the job.

How spray foam and HVAC systems connect over time

After spray foam insulation goes in, the home acts differently. Your HVAC system will show those modifications ideal 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 actually preferable. It enables better dehumidification and more constant temperatures.

Duct leak ends up being more obvious

In a vented, dripping attic, a little bit of duct leak merely discards air into a space that is already hostile. Once the attic is insulated and semi-conditioned, dripping ducts may create unanticipated comfort patterns, like one room overcooling and another undercooling. The leakages did not appear overnight. The better envelope simply made their effect more visible.

Ventilation questions

Tightening the building makes mechanical ventilation more vital, especially in newer building with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and building science may suggest an ERV or HRV, or at least regulated restroom and kitchen 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 periodically require to defrost. 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 unit stops briefly heating briefly, the indoor temperature level tends to remain steady.

A basic property owner list for year-round performance

Here is a short, useful list you can use to keep your combined insulation and HVAC financial 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 roofing line or encapsulated crawlspace walls, do not leave access panels unlatched or harmed. One loose hatch can jeopardize a lot of the air sealing gains.

3. Schedule annual HVAC service

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

4. Watch for wetness and odor changes

Due to the fact that the home is tighter, moisture sources appear more plainly. Pay attention to moldy smells, fogged windows, or damp spots. Resolving those early avoids both air quality concerns 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 electric expenses year over year, adjusting mentally for big temperature distinctions. You need to see a significant reduction in overall kWh, particularly in peak summer and winter.

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

Many service calls start the exact same way. Property owner look for HVAC repair near me, a technician gets here, and everyone focuses on the outside condenser or furnace cabinet. The other side is that lots of insulation salesmen focus only on R-values and rebates, and barely inquire about the equipment.

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

If your home feels drafty, if the 2nd flooring is constantly hotter, or if your system never seems to shut off, it is worth asking the HVAC specialist how much of that is equipment and how much is the structure shell. Also, when working with a company for spray foam insulation Conway SC jobs, ask how they collaborate with HVAC sizing and ventilation.

A few targeted concerns can reveal a lot:

- Do you run a load estimation after insulation modifications before pricing estimate new HVAC equipment?
- How do you make sure ventilation is sufficient once your home is tighter?
- If ducts go through the attic, what is your method when transforming to an unvented roofing with foam?
- Will my existing devices size still be proper after the insulation upgrade?

Professionals who can answer those questions with specifics, not unclear guarantees, are the ones who can assist you genuinely seal, conserve, and remain comfortable.

Bringing everything together for Conway homes

In this region, comfort and efficiency are a joint job in between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside chaos at bay. A well designed, effectively kept HVAC system then 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 formula gains more than lower costs. You get quieter rooms, fewer temperature swings, much better air quality, and devices that ages gracefully instead of

burning itself out in half its prospective lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated strategy, you stop spending for mismatched repairs and start building a home that deals with the climate rather of against it. That is the genuine payoff 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

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

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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:8434881571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

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