

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. Damp summers that remain into October, a couple of cold snaps in winter, and salt-tinged air that never ever rather disappears. I have actually walked into a lot of homes around Horry County where the thermostat was doing its finest, but the structure itself was working against it: leaky attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The fact is basic but frequently overlooked. Your HVAC system and your insulation become part of 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 dependable HVAC service in Conway SC becomes powerful. When the building shell is sealed and the system is sized and set up properly, the benefit appears in 3 places: your energy expense, your comfort, and the length of time the devices lasts.

Why sealing the home matters before updating HVAC

When somebody calls searching for HVAC repair near me, the very first impulse is to focus on the system outdoors or the air handler in the attic. Numerous techs never ever look past the equipment itself. From experience, that narrow focus is a mistake.

I remember a home off Highway 501, roughly 2,000 square feet, with a reasonably new 3.5 ton heat pump. The owners complained that your house never ever cooled equally and the system never turned off in August. The system took a look at fine. Pressures were excellent, refrigerant charge was proper, and airflow numbers were not bad. The genuine issue remained 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 essential locations, the same HVAC system unexpectedly had a reasonable shot. Run time dropped, the second flooring lastly matched the very first flooring, and the house owners started asking why their unit was cycling off so much more often.

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

The building envelope: your undetectable 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 truly requires to be and how frequently that equipment has to run.

Consider a typical older home around Conway:

- Vented attic with loose-fill or batt insulation, often unequal 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 day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning system is essentially trying to cool a moving target.

Spray foam insulation alters the characteristics. Closed cell or open cell foam used to the roofing system deck and crucial air leakage points transforms that blistering attic into a semi-conditioned area. 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 operate in this climate

Not all insulation acts the very same method in coastal South Carolina. We handle high humidity, strong sun, and regular swings in between cooling and heating seasons. That combination penalizes both inadequately insulated homes and limited HVAC systems.

How spray foam carries out in practice

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

1. Air sealing and thermal resistance in one layer

Foam follows framing and sheathing, filling fractures and joints that other items 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 behavior suited 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 acts as a vapor retarder. The choice between them depends upon roofing system design, existing materials, and whether you have a history of roof leakages or condensation. There is no one-size service. A professional who understands the local code and environment is crucial.

3. Quieter, more steady interiors

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

Where foam pays off the most

I have actually seen foam used from crawlspace walls to roofing system decks, but some locations regularly provide better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing line creates an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperatures considerably, and typically causes smaller sized 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 block a lot of moisture and air leakage. That can reduce musty smells, support floorings, and take a concern off the a/c throughout damp months.

Garage walls and perk rooms

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



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

Once the shell is improved, you have an opportunity to right-size the HVAC system. Oversizing is among the most typical concerns 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 lot per 500 or 600 square feet is unrefined at finest. It overlooks insulation levels, window quality, shading, tenancy, and infiltration. In a home that has actually been updated with spray foam, utilizing that rule usually causes oversizing.

Here is what oversizing appear like in the field:

Short run times

The thermostat is satisfied too quickly, 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 temperatures and hot spots

Spaces at the end of runs never ever get sufficient time with cold or warm air, so they lag behind. The system shuts down before the air has actually totally mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than constant, moderate run time. That equates 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 computation is not a high-end. It is a requirement. A great contractor will inquire about current insulation upgrades before quoting a brand-new unit, and will size the equipment based on actual heat gain and loss, not on rough square video guesses.

What to anticipate from a premier HVAC service Conway SC

There are a lot of trucks with magnets that state "HVAC repair near me," however the quality of service varies drastically. A mindful property owner discovers to acknowledge the habits 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 see, they will measure static pressure, check airflow, validate refrigerant charge with superheat and subcooling, and inspect electrical parts. Changing parts by experimentation typically ends with higher 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 inquire about insulation or window upgrades. When spray foam insulation is present, they will take notice of ventilation needs, attic temperatures, and any past humidity issues.

3. Document and interact clearly



You must see before and after numbers, photos when relevant, and a simple explanation of what stopped working and why. If every answer involves an expensive replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer alternatives, not ultimatums

A trustworthy company explains the instant fix, the medium term option, and the long term strategy when suitable. For instance, they might repair a capacitor today, recommend duct sealing within six months, and go over whether your older unit is worth keeping for another season or two.

5. Respect the structure envelope

When there is spray foam or a sealed attic, cutting brand-new holes, venting combustion appliances, or including exhaust fans without thought can create pressure problems. A pro comprehends how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to consider the decision

Few house owners are excited to hear they may need a new system. The option between HVAC repair Conway SC and a full 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 one of those goes on an older unit, replacement begins to look more attractive.

Efficiency gap

A twenty year old system may be running at 8 to 10 SEER in real conditions. Brand-new devices, specifically variable speed heatpump, can push into the high teens or much better. If your home now has actually upgraded insulation, the combination of lower load and higher performance often makes a compelling case for replacement.

Repair history

A periodic 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 throughout several years. Seeing the pattern on paper helps 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 changes and envelope enhancements, or if humidity problems continue in spite of affordable run times, that may show the wrong type of system or a poor quality setup. Upgrading at that point is not just about performance. It is about getting the ideal tool for the job.

How spray foam and HVAC systems engage over time

After spray foam insulation goes in, the home behaves differently. Your HVAC system will reveal those modifications ideal away.

Lower run time, greater part-load operation

If you have a variable speed system, it will spend more time at lower output phases. That is actually preferable. It permits much better dehumidification and more constant temperatures.

Duct leakage ends up being more obvious

In a vented, leaking attic, a little bit of duct leakage simply discards air into a space that is already hostile. When the attic is insulated and semi-conditioned, leaky ducts might produce unanticipated convenience patterns, like one room overcooling and another undercooling. The leaks did not appear over night. The much better envelope merely made their impact more visible.

Ventilation questions

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

Defrost cycles and winter behavior

On cold, moist early mornings, heatpump sometimes 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 unit stops briefly heating briefly, the indoor temperature tends to remain steady.

A simple property owner checklist 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 tidy filters consistently

Dirty filters choke airflow, increase 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 roof line or encapsulated crawlspace walls, do not leave access panels unlatched or damaged. One loose hatch can compromise a lot of the air sealing gains.

3. Schedule annual HVAC service

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

4. Watch for moisture and smell changes



Due to the fact that the home is tighter, wetness sources show up more clearly. Pay attention to moldy smells, fogged windows, or damp spots. Addressing those early avoids both air quality problems and pressure 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, changing psychologically for huge temperature level distinctions. You must see a significant decrease in total kWh, especially in peak summer season and winter.

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

Many service calls begin the very same method. House owner look for HVAC repair near me, a specialist gets here, and everybody focuses on the outdoor condenser or heating system cabinet. The flip side is that numerous insulation salesmen focus only on R-values and refunds, and barely ask about the equipment.

The house owners who get the best outcomes insist on connecting those dots.

If your home feels drafty, if the 2nd floor is always hotter, or if your unit never seems to turn off, it is worth asking the HVAC professional how much of that is equipment and how much is the structure shell. Also, when working with a business for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A couple of targeted concerns can reveal a lot:

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

Professionals who can address those concerns with specifics, not unclear guarantees, are the ones who can help you truly seal, conserve, and stay comfortable.

Bringing all of it together for Conway homes

In this region, convenience and performance are a joint project in between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside turmoil at bay. A well designed, effectively kept HVAC system then works within that calmer environment, instead of fighting through leakages and extreme attic temperatures.

A homeowner in Conway who purchases both sides of that equation gets more than lower bills. [HVAC Installation Conway SC](#) You get quieter rooms, less temperature level swings, much better air quality, and devices that ages gracefully rather than burning itself out in half its potential lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated technique, you stop paying for mismatched fixes and start constructing a home that deals with the climate rather of against it. That is the real 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

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

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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](#)

[Conway Riverwalk](#) highlights the importance of HVAC services, Air Conditioning Installation, and Reliable Service in maintaining comfortable public spaces with lasting Quality Workmanship.