

Business Name: Tech Service Heating/Cooling & Spray Foam

Address: 2617 Shoffner Rd, Conway, SC 29527

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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 summer seasons that remain into October, a couple of cold snaps in winter season, and salt-tinged air that never ever quite disappears. I have walked into plenty of houses around Horry County where the thermostat was doing its best, however the structure itself was working versus it: leaking attic, under-insulated crawlspace, and an HVAC system combating a losing battle.

The reality is easy but often neglected. Your HVAC system and your insulation become part of the exact same convenience system. If one is weak, the other has to work more difficult, cost more, and stop working sooner.



This is where the combination of quality spray foam insulation and a reputable HVAC service in Conway SC becomes effective. When the structure shell is sealed and the system is sized and set up correctly, the reward shows up in 3 locations: your energy bill, your comfort, and for how long the devices lasts.

Why sealing the home matters before upgrading HVAC

When somebody calls searching for HVAC repair near me, the very first instinct is to concentrate on the system 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 remember a home off Highway 501, approximately 2,000 square feet, with a fairly new 3.5 ton heatpump. The owners grumbled that your house never cooled equally and the system never ever turned off in August. The system had a look at fine. Pressures were great, refrigerant charge was appropriate, and airflow numbers were okay. The real problem remained in the attic: patchwork fiberglass insulation, big gaps around every penetration, and a dripping access hatch.

Once we air sealed and added spray foam insulation in the crucial locations, the very same HVAC system all of a sudden had a fair shot. Run time dropped, the second floor lastly matched the first flooring, and the house owners began asking why their unit was cycling off so much more often.

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

The building envelope: your unnoticeable 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 needs to be and how typically that equipment has to run.

Consider a common older home around Conway:

- Vented attic with loose-fill or batt insulation, often irregular 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 bright summertime day. Every leak pulls that superheated air into the home or into the duct system. Your a/c is basically trying to cool a moving target.

Spray foam insulation alters the dynamics. Closed cell or open cell foam used to the roof deck and crucial air leak points transforms 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 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 between a/c and heating seasons. That combination penalizes both badly insulated homes and marginal HVAC systems.

How spray foam performs in practice

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

1. Air sealing and thermal resistance in one layer

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

2. Moisture behavior matched 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 option in between them depends upon roof style, existing products, and whether you have a history of roofing system leakages or condensation. There is no one-size solution. A professional who comprehends the local code and climate is crucial.

3. Quieter, more stable interiors

After a quality spray foam job, property owners typically observe how quiet their home becomes. Street sound drops, wind-driven rattles vanish, and indoor temperature tends to change more slowly. That slower temperature swing indicates the HVAC system can cycle in a more controlled method rather of jerking on and off with every gust of hot air.

Where foam pays off the most

I have seen foam used from crawlspace walls to roofing decks, but some areas consistently deliver better returns in the Conway area.

Attic roofing system deck

Spraying foam at the roof line produces an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures dramatically, and frequently results in 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 block a great deal of wetness and air leak. That can decrease musty smells, stabilize floorings, and take a concern off the a/c throughout humid 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 functional all year, and the main 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 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 ton per 500 or 600 square feet is crude at best. It disregards insulation levels, window quality, shading, occupancy, and infiltration. In a home that has actually been updated with spray foam, utilizing that guideline typically causes oversizing.

Here is what oversizing looks 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, specifically throughout heavy humidity.

Uneven temperatures and hot spots

Rooms at the end of runs never ever get enough time with cold or warm air, so they drag. 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 consistent, moderate run time. That translates to much 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 estimation is not a luxury. It is a need. A great contractor will ask about recent 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 top-rated HVAC service Conway SC

There are lots of trucks with magnets that say "HVAC repair near me," however the quality of service differs significantly. A cautious homeowner discovers to acknowledge the practices of a strong 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 determine fixed pressure, check air flow, verify refrigerant charge with superheat and subcooling, and check electrical components. Changing parts by trial and error generally ends with higher costs and repeat failures.

2. Look beyond the equipment

An experienced 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 focus on ventilation needs, attic temperatures, and any past humidity issues.

3. Document and interact clearly

You ought to see before and after numbers, images when pertinent, and an uncomplicated description of what failed and why. If every answer involves a costly replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer choices, not ultimatums

A credible business explains the immediate fix, the medium term option, and the long term plan when proper. For example, they might repair a capacitor today, recommend duct sealing within six months, and discuss whether your older system 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 devices, or including exhaust fans without idea can develop pressure issues. A professional understands how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think about the decision

Few homeowners are excited to hear they might require a brand-new system. The choice in between HVAC repair Conway SC and a full replacement should be grounded in genuine numbers and context.



Age of the system

Once an unit passes 12 to 15 years, it moves into the zone where large repair work 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 begins to look more attractive.

Efficiency gap

A twenty years of age 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 better. If your home now has actually updated insulation, the combination of lower load and higher effectiveness typically makes a compelling case for replacement.

Repair history

A periodic small part replacement is typical. Regular blower motor failures, repeated refrigerant leakages, and persistent control board problems indicate systemic problems. Keep a record of repairs across numerous years. Seeing the pattern on paper assists you choose with a clear head rather than in the heat of the current breakdown.

Comfort complaints

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

How spray foam and HVAC systems engage over time

After spray foam insulation enters, the home behaves 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 phases. That is really preferable. It permits much better dehumidification and more constant temperatures.

Duct leak becomes more obvious

In a vented, leaking attic, a bit of duct leak merely dumps air into a space that is already hostile. As soon as the attic is insulated and semi-conditioned, dripping ducts may develop unforeseen comfort patterns, like one room overcooling and another undercooling. The leaks did not appear over night. The much better envelope simply made their impact more visible.

Ventilation questions

Tightening up the structure makes mechanical ventilation more vital, specifically in newer building with tight doors and windows. A professional who understands both HVAC installation Conway SC and constructing science may advise an ERV or HRV, or at least controlled restroom and kitchen exhaust techniques. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter behavior

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

A simple homeowner checklist for year-round performance

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

1. Change or clean filters consistently

Unclean 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 gain access to panels unlatched or harmed. One loose hatch can jeopardize a great deal of the air sealing gains.

3. Schedule yearly HVAC service

Even high performance systems need regular inspections for electrical connections, refrigerant charge, coil tidiness, and drainage. Discuss any changes to your insulation or building envelope since the last visit.

4. Watch for moisture and smell changes

Because the home is tighter, moisture sources show up more clearly. Take notice of musty smells, fogged windows, or damp spots. Resolving those early avoids both air quality problems and strain on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a brand-new HVAC installation, compare your electric costs year over year, adjusting mentally for huge temperature 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 start the same way. House owner searches [HVAC Service Conway SC Tech Service Heating/Cooling & Spray Foam](#) for HVAC repair near me, a service technician arrives, and everyone concentrates on the outdoor condenser or heating system cabinet. The flip side is that many insulation salespeople focus just on R-values and refunds, and barely ask about the equipment.

The property owners who get the best results demand connecting those dots.

If your home feels drafty, if the 2nd floor is always hotter, or if your system never ever appears to turn off, it deserves asking the HVAC specialist just how much of that is equipment and how much is the building shell. Also, when employing a company for spray foam insulation Conway SC tasks, ask how they collaborate with HVAC sizing and ventilation.

A few targeted questions can expose a lot:

- Do you run a load estimation after insulation modifications before quoting new HVAC devices?
- How do you make sure ventilation is sufficient once the house is tighter?
- If ducts run through the attic, what is your technique when transforming to an unvented roofing system with foam?
- Will my existing devices 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 really seal, conserve, and stay comfortable.

Bringing it all 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 outdoor mayhem at bay. A well created, appropriately kept HVAC system then works within that calmer environment, instead of fighting through leakages and extreme attic temperatures.

A house owner in Conway who buys both sides of that equation acquires more than lower bills. You get quieter rooms, less temperature level swings, better air quality, and devices that ages with dignity rather than burning itself out in half its possible lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated method, you stop paying for mismatched repairs and begin developing a home that deals with the climate instead of against it. That is the genuine payoff of sealing, saving, and remaining 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
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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](#)

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