

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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Energy comfort in a Conway home lives or passes away on two things: how well your home holds conditioned air, and how dependably the HVAC devices can move that air. I have actually strolled into a lot of Horry County homes where a brand brand-new heatpump was working overtime merely since the attic appeared like a patchwork quilt of old insulation and air leaks. The property owner believed they had an HVAC issue. In truth, they had a building envelope problem.

Spray foam insulation and appropriate HVAC service go together. Dealt with as a system, they can turn a drafty, irregular home into a tight, efficient, and much more comfortable home. Dealt with independently, they can quickly waste your money.

This is specifically real in Conway, SC, where environment and structure routines create a special set of challenges.

Conway's Environment: Why Our Homes Work Harder

Conway summertimes are long, humid, and unforgiving. Ac system typically combat both temperature level and wetness for 8 or 9 months of the year. Winters are brief however can still bring cold nights that expose every gap around a rim joist or attic hatch.

In this climate, three things matter a lot more than individuals realize:

1. Humidity control, not simply air temperature.
2. Attic and crawlspace conditions, not simply the rooms you live in.
3. Air leak, not just "R value" on an insulation label.

When somebody look for "HVAC Service Conway SC" after another miserable August power costs, they typically think they require more tonnage, a larger system, or a complete replacement. In some cases that is true. More often, your home itself, especially the attic and crawl space, is weakening the system they already own. Spray foam insulation, when set up properly, can change that equation.



How Spray Foam Changes the Video Game in Conway Homes

Most existing homes in Conway were built with fiberglass batts or blown cellulose in the attic and under the floors. They pass code, at least on paper, however they do not stop air movement. The result is a house that breathes in all the incorrect places.

Closed cell or open cell spray foam insulation Conway SC house owners set up is various. It broadens to fill spaces, cracks, and spaces, then solidifies into a constant layer. That single information makes a larger difference than any marketing line about "high R worths."

Consider a common situation I see:

A single story home integrated in the late 1990s has an air handler in the attic, with flex ducts running over the insulation. The attic regularly strikes 130 to 140 degrees by midafternoon in July. The ductwork is dripping a bit, the boot seals are cracked, and the attic insulation is irregular. The homeowner grumbles that the back bedrooms are always hot and the system seems to run constantly.

If you just generate an HVAC professional, they may advise more supply to the back spaces, a larger system, or possibly a full HVAC Installation Conway SC house owners understand can cost 5 figures. In some cases that is

the right call. But when we deal with the attic as part of the issue, a various course often makes more sense.



By using spray foam to the underside of the roofing deck and sealing gable vents and penetrations, you transform that superheated attic into a semi conditioned space. Rather of 140 degrees, it may hover closer to the indoor temperature, typically in the 80s in summer season and far less severe in winter season. Ducts now "live" in a much milder environment, and that alone can trim energy usage significantly.

The house feels various. The HVAC system cycles less. Spaces match. Energy expenses drop. The modification is not magic; it is just physics finally operating in your favor.

Spray Foam vs Traditional Insulation in Coastal South Carolina

Fiberglass and cellulose still have their place, particularly when spending plan is tight. I have seen many jobs where a good air sealing pass plus a complete of blown cellulose made more sense than complete foam, especially for owners near to selling.

However, in Conway's mixed environment with high humidity, spray foam brings particular advantages:

- It dramatically reduces air leak through the building envelope, especially at the roofline and sill plates. That means less damp outdoor air sneaking into wall cavities, attics, and crawl spaces.
- Closed cell foam includes some structural rigidity, which matters in areas regularly gone to by strong storms.

- Foam does not droop or settle like fibrous materials when exposed to humidity swings.
- When used properly in crawl spaces, foam can assist keep ducts drier and more efficient.

There are trade offs. Spray foam costs more in advance than conventional insulation, often two to three times as much, depending upon depth and location. It requires an experienced crew and appropriate ventilation during install. Poor setup can develop issues around roof ventilation, condensation, or access for future repairs.

I inform property owners this: if you plan to stay in your home at least seven to ten years, and your HVAC is having a hard time to keep up, a thoughtful mix of spray foam and HVAC enhancements generally pencil out over time.

How Foam Affects HVAC Sizing, Efficiency, and Planning

Once you significantly tighten a home with spray foam, the HVAC system's task changes. The structure needs less heating & cooling. That sounds good, and it is, however it introduces a subtle problem: large equipment.

Oversizing is currently common in our location. Contractors and even some professionals rely on guidelines rather than comprehensive load estimations. They might put a 3 ton system in a modest home "simply to be safe," when 2 tons would be enough with a tight envelope.

If you later include spray foam without recalculating loads, the system can become significantly oversized. That results in:

- Short cycling, which minimizes system lifespan.
- Poor humidity control, since the system does not run enough time to wring wetness out of the air.
- Uneven temperature levels, with rooms that cool too rapidly and then wander warm in between cycles.

This is where incorporated preparation matters. When you are thinking about Spray Foam Insulation Conway SC professionals offer, match that conversation with a cautious review from a seasoned HVAC professional. Before any significant HVAC Installation Conway SC property owners approve, demand a Manual J or equivalent load calculation that assumes the improved insulation and air sealing.

A right sized unit in a foamed home typically winds up smaller sized than what the house initially carried. I have actually replaced 3.5 ton systems with 2.5 ton systems after foam, then enjoyed both convenience and expenses enhance. House owners often fret that a smaller unit will "work too difficult." In truth, when the envelope is tight, that correctly sized system works progressively and efficiently rather of running and resting all day.

When You Believe You Required "HVAC Repair Near Me"

Most HVAC calls start with some variation of "the system runs constantly," "our power costs doubled," or "the back space never ever cools." In Conway, I see a pattern in the underlying causes:

- Duct leak in attics or crawl spaces.
- Poor attic or crawlspace insulation.
- Blocked or undersized returns.
- Refrigerant charge issues.
- A combination of the above.

If your very first move is to browse "HVAC repair near me" and call whoever can come the fastest, you may get the immediate issue solved however miss out on the larger image. A low refrigerant charge can be repaired in an

hour. A blistering attic that ruins ducts and stresses compressors every year is a various animal.

A more strategic method appears like this:

1. Start with a basic HVAC diagnostic from a trustworthy provider of HVAC Service Conway SC locals trust. Ask them to measure temperature level splits, fixed pressure throughout the system, and check ductwork and insulation conditions.
2. If they find significant duct leakage or major attic/crawl area problems, time out before investing greatly in a new system. Ask how spray foam insulation or air sealing may change the load and duct conditions.
3. Bring in a spray foam professional going to team up with your HVAC pro, not just spray and leave.
4. Once the envelope strategy is clear, revisit system sizing and any needed HVAC Repair Conway SC professionals advise, such as duct redesign, new equipment, or zoning.

This sort of staged planning can prevent errors like setting up a high end variable speed system that never ever gets to show its advantages due to the fact that ducts are losing 20 percent of the air into a 135 degree attic.



Practical Example: A Conway Ranch That Lastly Cooled Evenly

One home that sticks in my memory sat simply outside downtown Conway. Brick cattle ranch, low slope roofing, initial ductwork from the early 1990s, and a reasonably new 3 ton heat pump. [HVAC Repair Conway SC techhvac-foam.com](#) The owners complained that the master bedroom and a back workplace were always warm, even though they kept the thermostat at 72.

Attic assessment showed about 6 inches of blown fiberglass, great deals of bare spots near eaves, and detached bath fan ducting dumping damp air into the attic. Daytime attic temperature level in July determined 138 degrees. The ducts showed noticeable kinks, crushed runs over trusses, and leaking connections.

We could have gone after duct repairs alone. Instead, the owners wanted a long term fix. Here is how we approached it:

- Air sealed can lights, leading plates, and apparent penetrations.
- Sprayed open cell foam along the roofing deck and gable ends, turning the attic into a semi conditioned space.

- Sealed and re supported duct runs, then re well balanced products and returns.
- Re checked load calculations; the existing 3 load system was in fact somewhat oversize for the now tightened up home, however still within a workable range.

The temperature level difference in between the hottest and coolest rooms dropped from 5 to 6 degrees to about 1 degree. The system cycled less often however ran longer at each call, which improved humidity control. Their summertime power bill fell roughly 20 percent the very first year, and comfort was night and day.

That job cost more than a basic HVAC Repair Conway SC property owners might expect for a quick fix, however far less than a full system replacement plus duct redesign without insulation work. Most notably, it resolved the problem at its root.

When Spray Foam Is Not the Right First Move

Spray foam is effective, but I have actually talked people out of it more than as soon as. There are cases where it is not the right very first investment.

If a home's HVAC system is on its last legs, dripping refrigerant regularly, or utilizing a stopped working compressor, and the owner's budget plan can only stretch up until now this year, devices typically needs to come first. You can not live comfortably through a Conway summertime with a dead system, no matter how well insulated your attic is.

In other cases, the house may already be reasonably tight, but the duct design is flawed. Supplies in all the wrong places, insufficient returns, or huge fixed pressure that cooks blower motors. In those situations, a clever mix of duct redesign and targeted air sealing, often with conventional insulation, offers better bang for the buck than whole home foam.

Then there is the roofing condition. Spraying the underside of an aging roof with basic leakages resembles painting over a rusting car. Before any Spray Foam Insulation Conway SC task in an attic, I constantly inquire about roofing age, current leak history, and plans for replacement. In some cases it makes sense to resolve the roofing system initially, then tighten the envelope.

What To Ask Before Working With an HVAC or Spray Foam Contractor

The quality of the contractor frequently matters more than the particular brand name of devices or foam. Two teams using comparable products can deliver extremely various outcomes depending on their training, perseverance, and honesty.

To help cut through sales talk, here is a list of questions that typically reveals a lot about a company's approach:

- For HVAC Service Conway SC service providers: "Do you carry out load computations for replacements, and can I see the results before I sign?"
- For HVAC Installation Conway SC propositions: "How will this brand-new system deal with my existing insulation and duct layout, and what modifications do you suggest beyond just the box outside?"
- For HVAC repair near me searches: "What is your diagnostic procedure, and will you determine duct leak or static pressure as part of the check out?"
- For Spray Foam Insulation Conway SC quotes: "How will you deal with ventilation, roofing leaks, and existing insulation removal, and what is your plan for access to wiring or future repair work?"
- For any specialist: "Can you walk me through a similar job you finished in Conway or neighboring and what the property owner saw afterward in comfort and costs?"

Pay attention not only to the responses, but to how prepared they are to discuss trade offs. A contractor who confesses that foam is not right for every attic, or that a smaller HVAC system is in some cases better than a huge one, is usually one who thinks in systems, not simply sales.

Maintenance: Securing Your Investment Over the Long Term

Once you have tightened your home and tuned or changed the HVAC system, maintenance becomes the simple practice that keeps whatever working as promised.

For HVAC systems, that suggests regular filter modifications, seasonal checkups, coil cleaning, and periodic duct inspections. In this area, I like to see a full service at least as soon as per year. Twice is better if your home has lots of occupants, family pets, or dust.

For a foamed attic or crawlspace, there is less to "maintain," but it still is worthy of a quick annual appearance:

Walk the area with a flashlight. Search for apparent water staining, foam separation from framing, or brand-new indications of insect activity. If you see condensation on metal surface areas, especially in a closed attic, that is worth a call to the original installer or an HVAC pro, considering that it could point to ventilation or humidity control issues.

The beauty of a well insulated and well serviced home is that it tends to be quieter. Fewer secret drafts, fewer duct rattles, fewer iced coils and emergency situation contacts the very first real heat wave.

Balancing Spending plan, Timing, and Goals

Not every homeowner in Conway can deal with insulation upgrades and full HVAC work in the very same year. In practice, the majority of people stage the work.

A practical series for numerous situations looks like this:

First, deal with important HVAC repairs so the system is safe, practical, and not in risk of disastrous failure. Then address apparent air sealing issues that are economical but high effect, like weatherstripping doors, sealing attic gain access to hatches, and repairing big penetrations.

Next, strategy larger envelope work such as Spray Foam Insulation Conway SC tasks in the attic or crawlspace, preferably during a shoulder season when cooling or heating need is lower. After the envelope is tightened up, review HVAC sizing and efficiency upgrades. That may suggest replacing an older system with a best sized, greater performance unit, improving ductwork, or adding zoning.

Throughout, keep your own goals clear. Some owners care most about convenience and indoor air quality. Others are chasing after lower costs or greater resale worth. Combining spray foam insulation with wise HVAC Service Conway SC specialists supply can move all those needles. The mix of procedures and the order in which you do them will depend on your particular home and budget.

What matters most is treating your house as a system, not as a collection of detached parts. When the building envelope, ductwork, and HVAC devices are all working with each other rather of against each other, a Conway home feels considerably various. Cooler, drier, quieter in summer. More even and predictable in winter season. And month after month, the power bill becomes a little less painful.

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/>
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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](#)

Take a drive to [Crooked Oak Tavern](#). Crooked Oak Tavern showcases how Spray Foam Insulation and HVAC services improve indoor comfort while maintaining energy efficiency and Quality Workmanship.