

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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If you live in or around Conway, you already understand our weather condition does not child your home. Muggy summers, an unexpected variety of chilly moist nights, salt in the air from the coast, and more than a couple of heavy-rain occasions every year. That mix is tough on both your HVAC system and your building shell.

I have strolled into a lot of Conway homes where the thermostat is fighting a losing fight. The air conditioner runs continuously yet the perk space is still sticky. The gas or heat pump system has a hard time in January even though the expense looks more like February in Ohio. In a number of those homes, the problem is not just the equipment. It is the shell of the house, the method it leaks air, and the method the ductwork is buried in attics that feel like a sauna in August.

Two things make the greatest distinction when you want to go from drafty to truly comfy: trustworthy HVAC service and better insulation. In this area, spray foam insulation and solid HVAC repair or HVAC installation in Conway SC frequently work together. If you just fix one without thinking of the other, you leave comfort and cash on the table.

Why Conway homes feel drafty even when the system "works"

Most individuals require HVAC Repair Conway SC due to the fact that something is certainly wrong. The system is not cooling, the air handler is noisy, or the outside condenser will not begin. However a lot of systems in Horry County are operating in that gray area in between "damaged" and "right." They switch on, they cycle, they respond to the thermostat, yet certain spaces never feel good.

In this region, 3 patterns show up again and again.

First, we see long, poorly sealed duct runs in hot attics. A 140 degree attic is not unusual here in July. If your supply duct is laid throughout that attic with dripping joints, the air leaving your vents can be 5 to 15 degrees warmer than what the air handler produced. By the time it reaches the far bed rooms, the system has currently lost the battle.

Second, we see thin or patchy attic insulation. Numerous houses are resting on R-13 to R-19 up leading, when code-minimum for brand-new construction is greater and best practice in our climate is greater still. Blown fiberglass or cellulose tends to get bossed around by previous trades, rodents, or do it yourself cable runs. Spaces and low spots end up being unnoticeable highways for heat.

Third, we see constructing shells that are full of little cracks. Gaps around recessed lights, pipes penetrations, top plates, and attic access doors all add up to a stack impact in winter season and a sort of sluggish, continuous infiltration in summertime. Your air conditioning system or heatpump ends up dealing with outside air as much as conditioned indoor air.

The outcome is a home that is never quite comfy, and a system that runs much more typically than it should. That is where Spray Foam Insulation Conway SC can be a game changer, specifically when you coordinate it with a thoughtful HVAC Service Conway SC instead of treating them as 2 unassociated projects.

What spray foam actually does for comfort and HVAC performance

Spray foam has a reputation as the "expensive" insulation, which makes some property owners suspicious. The genuine worth is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do two crucial things in one step: they insulate and they air seal.

Where batts or loose fill only slow heat transfer, spray foam also stops air from moving through those cracks that make your house feel drafty. That matters more in Conway than many individuals realize.

When we apply spray foam to the roofing system deck in an attic, for example, we frequently transform a 125 to 140 degree area into a 85 to 95 degree semi-conditioned area in summer season. That lower attic temperature level indicates:

- Ductwork is no longer trying to press 55 degree air through a superheated tunnel.
- The air handler, if it is in the attic, no longer bakes in the heat, which extends its life.
- The temperature difference between rooms listed below the attic starts to even out.

It also alters how we develop HVAC Installation Conway SC. As [HVAC Installation Conway SC techhvac-foam.com](http://techhvac-foam.com) soon as the structure shell withstands both heat and air infiltration better, you often do not need as big a system as the original builder set up. Right-sizing ends up being possible instead of a guess.

From a lived experience standpoint, property owners typically observe 3 practical modifications after spray foam if their HVAC is tuned correctly:



They lower the thermostat in summertime less often since the air feels less sticky and the temperature level is more even.

They stop hearing "my room is too hot" from whoever sleeps in the room over the garage.

They see the system cycle off more and perform at a lower, steadier speed rather than roaring to life every 10 minutes.

The crucial phrase in there is "if their HVAC is tuned correctly." Insulation and HVAC engage. You will not get the full benefit from Spray Foam Insulation Conway SC if your system is large, undercharged, or improperly ducted.

Matching HVAC design to a tighter, better-insulated home

I have seen lots of houses where someone did a great job spraying foam, but the existing HVAC system was never ever adjusted or evaluated. The equipment then encounters a various problem: short cycling.

If you tighten and insulate the house without reconsidering HVAC, 2 things typically occur:

The existing system can be oversized relative to the brand-new load, so it pleases the thermostat rapidly then shuts down. That gives you brief bursts of very cold air, not stable convenience, and it can stop working to dehumidify correctly.

The blower settings and airflow might no longer match what the ducts and spaces need. You get whistling vents, noisy returns, and unequal air distribution even though the walls and roofing are now better.

That is why any accountable HVAC Service Conway SC must deal with a significant insulation upgrade as a trigger to revisit system sizing and air flow. That does not constantly suggest brand-new equipment. In some cases it means changing fan speeds, changing charge, adding or resizing returns, or balancing dampers.

If you are building brand-new or doing a heavy restoration, the smartest series is:

Spray foam or other envelope enhancements are prepared and defined first.

A Manual J load computation is pursued those envelope specifications are set, not before.

The HVAC contractor then sizes and designs ductwork and devices based on the tighter envelope, not on a rough square foot rule of thumb.

When it works this way, you often end up with a smaller tonnage system, a quieter home, and lower energy costs. I have seen 2,400 square foot Conway homes carry out beautifully on a properly designed 2.5 ton or 3 lot system once the attic and walls were resolved, where older, leakier houses the same size had a hard time even with 4 tons.

When fast "HVAC repair near me" is the right call

There is a time to believe broad view, and a time to get the system hopping once again before everybody in the house mutinies from the heat. During a July heat wave, many people are typing "HVAC repair near me" into their phones due to the fact that they require cold air in the next few hours, not a building science seminar.

If your system has actually failed outright or is blowing warm air, begin with emergency situation service. Trustworthy HVAC Repair Conway SC providers understand that triage precedes. As soon as the basic function is restored and your house is manageable, that is when it pays to ask higher level questions.

Fast repair work is the ideal move when:

You hear grinding or screeching from the air handler or condenser. Mechanical sounds can rapidly turn a repair into a complete replacement.

You smell electrical burning or see smoke. Shut it down and call. That is not a "wait and watch" situation.

Your thermostat is calling for cooling, but the outside unit is quiet and you have currently checked the breaker.

The system freezes into a block of ice and you have water dripping where it needs to not be.

A useful way to blend short term needs with long term thinking is simple: when the tech has the system open, utilize that check out to get a picture of the whole system. Ask whether the ductwork, insulation, and equipment size look reasonable for the house. A fifteen minute conversation while they are already on site can conserve you thousands in bad moves over the next few years.



How spray foam and HVAC together change humidity control

Residents of Conway discuss temperature, however the real convenience bad guy in summer is humidity. You can stroll into a house reading 74 degrees on the thermostat that still feels swampy and uneasy. That is normally an indication the system is not eliminating sufficient moisture, or your house is pulling muggy air in from outside faster than the HVAC can dry it.

Spray foam helps humidity in two methods. It decreases the flow of warm, damp outside air into the structure cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less seepage means less hidden load on the system.

On the HVAC side, humidity control is largely about:

Equipment sizing. If the system is too big, it short cycles and never ever runs long enough to wring out wetness.

Airflow rate. Excessive air flow per heap can decrease dehumidification because the air does not spend enough time on the coil.

Run strategy. Variable speed systems that can run longer at low speed tend to do very well in our climate.

When we integrate Spray Foam Insulation Conway SC with a right-sized variable speed system, you can almost always feel the difference. House owners inform me they conveniently set the thermostat two degrees greater due to the fact that the air feels drier and more stable. That is not just a convenience upgrade, it is an energy cost savings multiplier.

When a repair work is enough and when HVAC installation makes more sense

At some point in every system's life, you struck a fork in the roadway. Put more cash into another repair work, or start fresh with brand-new HVAC installation Conway SC. That choice is hardly ever as easy as age alone, though age matters.

Some of the questions I stroll clients through:

How old is the devices, and how has it been maintained? A 15 year old system with little maintenance and R-22 refrigerant that now has a compressor issue is a bad prospect for significant repair work. A 9 year old system with clean service records and a minor blower issue is still worth buying.



What has changed in your house? If you have included spray foam, replaced windows, ended up a benefit room, or confined a patio, the original load computation is no longer precise. That prefers replacement with a correctly sized new system.

How have your energy expenses trended? If power costs are up 10 percent but your expense is up 40 percent, something is degrading in the system's performance, frequently beyond what a basic repair work can totally solve.

There are times when we purposefully pair a moderate repair now with a scheduled replacement next year, particularly if a major insulation or renovation task is on the calendar. Keeping an old system alive through another season while you collaborate spray foam and other shell upgrades can be smarter than dropping in a brand new system that will be incorrectly sized for the future house.

What to expect from professional HVAC Service Conway SC

The quality of the work typically matters more than the brand name on the box. In this market, the majority of the significant producers provide good equipment. What separates one home's experience from another's is how intelligently the system is picked, installed, and serviced.

On the service side, whether you are calling for routine maintenance or urgent repair work, a professional go to generally has a few hallmarks.

You must see standard safety and performance checks, not just a fast refrigerant top-off. That implies checking electrical connections, capacitors, fixed pressure, temperature level split throughout the coil, and condensate drain.

The tech ought to want to describe what they see and what they recommend, in plain language. If they just speak in brand and vague peace of minds, push for numbers and specifics.

They must ask you a minimum of one or two questions about comfort issues, not simply whether the unit turns on. Excellent service techs listen for hints about duct issues, zoning problems, and insulation gaps.

For property owners, an annual or twice-yearly maintenance plan is not just an earnings stream for the specialist. Many failures we see during the most popular or coldest weeks of the year were avoidable with earlier attention: weak capacitors, unclean coils, clogged up drains, or low refrigerant from a tiny leak left unchecked.

Talking insulation with your HVAC contractor

Even though HVAC and insulation often come from various specialists, they must not live in various psychological silos. When you are preparing Spray Foam Insulation Conway SC, loop your HVAC pro in early. A quick back-and-forth in between the foam installer and HVAC specialist can prevent issues such as:

Encapsulating an attic without attending to correct ventilation of combustion appliances. Gas heaters or water heaters that vent into a now-tighter space requirement careful evaluation.

Burying junction boxes or mechanical gain access to points under foam that will plainly require service later on.

Leaving existing attic ventilation open while spraying the roof deck, which can create wetness and condensation issues.

The best projects I have been included with appeared like a three-way cooperation between property owner, insulation contractor, and HVAC business. The homeowner discussed what felt wrong in your home, the foam team explained what parts of the envelope they would change, and the HVAC team then reconsidered loads and air flow so the system could make the most of the enhanced shell.

Simple checks before you call for repair

Sometimes the difference in between a service call and a diy repair is one minute of attention. These fast checks will not change professional HVAC Repair Conway SC work when there is a genuine failure, however they can save you the embarrassment of a preventable call.

Here is a short list of things to verify:

1. Check the breaker and any outside detach to be sure the unit has power, especially after storms or electrical work.
2. Make sure the thermostat settings have actually not been bumped to "heat" or "off," which any schedule or vacation mode is not the genuine offender.
3. Replace or clean the air filter if it is noticeably dirty or if you can not see light through it. A blocked filter can trip securities and cause poor performance.
4. Look at the outdoor system to see if it is buried in leaves, lawn clippings, or other debris that can choke airflow.
5. Check for water around the indoor unit or in the drain pan that may show a clogged condensate line triggering a float switch.

If those standard steps do not bring the system back to regular behavior, it is time to call a professional. Remember that duplicated tripping of breakers, uncommon sounds, or burning smells are "stop and call" occasions, not something to test repeatedly.

Questions to ask when picking an HVAC or spray foam contractor

You do not require to be a mechanical engineer to vet a contractor, however a couple of targeted concerns reveal a lot about how they work. These apply whether you are looking for "HVAC repair near me" or searching for a

team to manage Spray Foam Insulation Conway SC.

Consider asking:

1. How will you figure out the ideal system size or foam thickness for my home, particularly in Conway's climate?
2. Do you perform or rely on Manual J/ Manual D computations, or do you size based upon square video and rules of thumb?
3. How will this work affect humidity control and indoor air quality, and what steps do you require to address those?
4. For spray foam, what is your plan for ventilation, existing combustion appliances, and future access to mechanicals?
5. For HVAC installation, how do you test the last system - do you inspect static pressure, measure air flow, and confirm refrigerant charge against maker specs?

Clear, confident responses in plain language are a great indication. Unclear promises or defensiveness are not.

Bringing all of it together for a more comfy Conway home

If your house feels drafty, spaces swing hot and cold, or your power bill keeps climbing, you do not have to accept that as just part of living near the coast. The mix of thoughtful HVAC Service Conway SC and thoroughly planned spray foam or other insulation upgrades can reshape how your home behaves in our climate.

Start where the pain is sharpest. If the system is down, get HVAC Repair Conway SC on the calendar and restore function. While the tech exists, start the discussion about the bigger picture: duct design, attic conditions, insulation levels, and possible enhancements. If you are preparing spray foam, pull your HVAC specialist into that conversation before the very first pipe is unrolled.

Comfort, efficiency, and reliability are not mishaps. They come from looking at your home as a system, not a collection of devices. In Conway, that means respecting the humidity, respecting the heat, and using both spray foam insulation and smart HVAC installation to work with, not versus, the local climate. When those pieces line up, you feel it every time you stroll in the door, and you see it each month when the utility costs arrives.

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Tech Service Heating Cooling and Spray Foam repairs heating systems

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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>

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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](#)

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.