

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 reside in or around Conway, you currently understand our weather condition does not infant your home. Clammy summertimes, a surprising number of cold moist nights, salt in the air from the coast, and more than a couple of heavy-rain occasions every year. That mix is difficult on both your HVAC system and your structure shell.

I have actually strolled into a lot of Conway homes where the thermostat is fighting a losing battle. The air conditioning unit runs continuously yet the perk room is still sticky. The gas or heatpump system struggles in January even though the costs looks more like February in Ohio. In many of those homes, the issue is not just the equipment. It is the shell of your home, the way it leakages air, and the way the ductwork is buried in attics that feel like a sauna in August.

Two things make the greatest difference when you want to go from drafty to really comfy: dependable HVAC service and better insulation. In this location, spray foam insulation and strong HVAC repair or HVAC installation in Conway SC often go hand in hand. If you only fix one without thinking about the other, you leave convenience and cash on the table.

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

Most individuals call for HVAC Repair Conway SC since something is undoubtedly wrong. The system is not cooling, the air handler is loud, or the outdoors condenser will not begin. But a lot of systems in Horry County are running because gray location in between "damaged" and "right." They turn on, they cycle, they react to the thermostat, yet specific rooms never ever feel good.

In this region, three patterns appear again and again.

First, we see long, improperly sealed duct runs in hot attics. A 140 degree attic is not unusual here in July. If your supply duct is laid across that attic with leaky 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 bedrooms, the system has actually currently lost the battle.

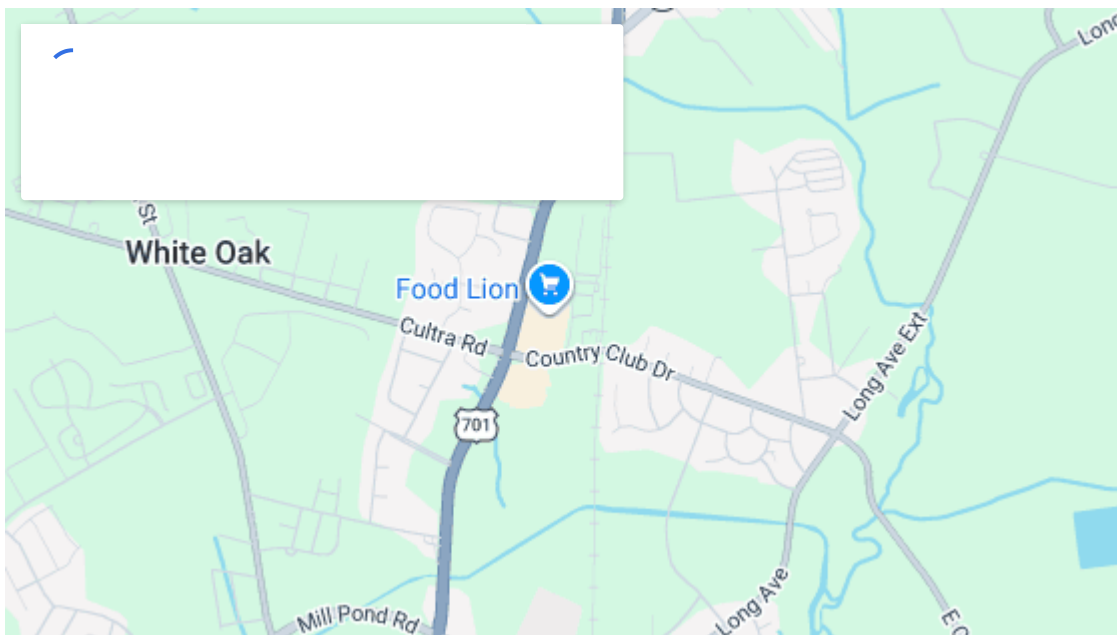
Second, we see thin or irregular attic insulation. Lots of homes are sitting on R-13 to R-19 up top, when code-minimum for brand-new building is greater and best practice in our climate is greater still. Blown fiberglass or cellulose tends to get pushed around by previous trades, rodents, or DIY cable runs. Gaps and low spots end up being unnoticeable highways for heat.

Third, we see constructing shells that are full of little fractures. Gaps around recessed lights, pipes penetrations, top plates, and attic gain access to doors all add up to a stack result in winter and a sort of slow, constant infiltration in summer. Your air conditioner or heatpump winds up dealing with outdoors air as much as conditioned indoor air.

The outcome is a home that is never rather comfortable, and a system that runs much more frequently than it should. That is where Spray Foam Insulation Conway SC can be a video game changer, especially when you collaborate it with a thoughtful HVAC Service Conway SC rather than treating them as 2 unassociated projects.

What spray foam actually does for convenience and HVAC performance

Spray foam has a track record as the "elegant" insulation, that makes some homeowners suspicious. The genuine value is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do two crucial things in one action: they insulate and they air seal.



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

When we use spray foam to the roof deck in an attic, for instance, we frequently transform a 125 to 140 degree space into a 85 to 95 degree semi-conditioned area in summertime. That lower attic temperature level suggests:

- Ductwork is no longer trying to push 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 distinction in between rooms listed below the attic starts to even out.

It likewise changes how we design HVAC Installation Conway SC. As soon as the building shell resists both heat and air infiltration much better, you frequently do not need as big a system as the original builder set up. Right-sizing ends up being possible instead of a guess.

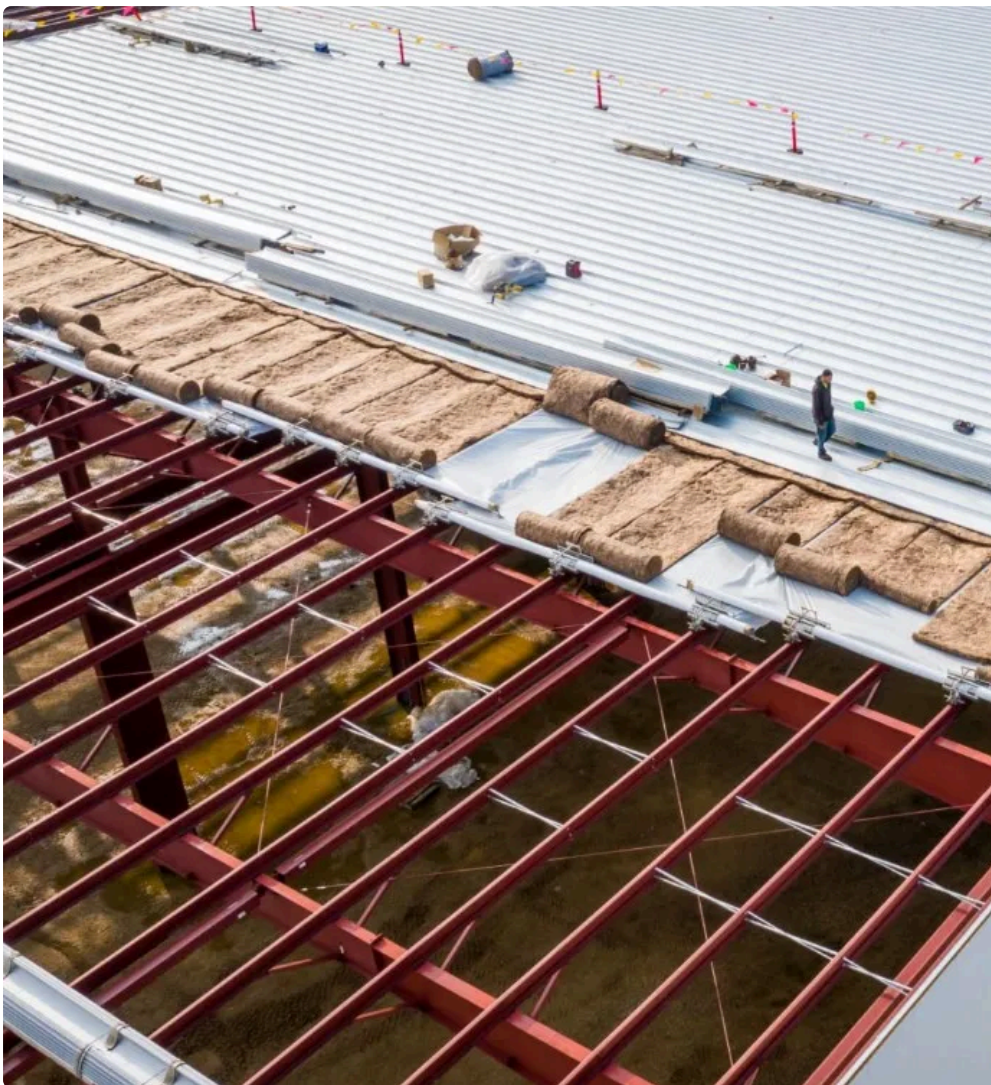
From a lived experience viewpoint, homeowners typically notice three useful modifications after spray foam if their HVAC is tuned properly:

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

They stop hearing "my space is too hot" from whoever oversleeps the room over the garage.

They see the system cycle off more and perform at a lower, steadier pace instead of roaring to life every 10 minutes.

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



Matching HVAC design to a tighter, better-insulated home

I have seen a lot of homes where somebody did an excellent task spraying foam, however the existing HVAC system was never ever changed or assessed. The devices then runs into a different issue: brief cycling.

If you tighten and insulate your house without reassessing HVAC, 2 things typically happen:

The existing system can be large relative to the brand-new load, so it satisfies the thermostat rapidly then turns off. That offers you short bursts of really cold air, not stable convenience, and it can stop working to dehumidify effectively.

The blower settings and airflow might no longer match what the ducts and rooms require. You get whistling vents, loud returns, and irregular air distribution despite the fact that the walls and roofing are now better.

That is why any responsible HVAC Service Conway SC must treat a significant insulation upgrade as a trigger to revisit system sizing and air flow. That does not always indicate new devices. Often it indicates changing fan speeds, changing charge, adding or resizing returns, or balancing dampers.

If you are constructing brand-new or doing a heavy remodelling, the most intelligent series is:

Spray foam or other envelope improvements are prepared and specified first.

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

The HVAC professional then sizes and styles ductwork and equipment based on the tighter envelope, not on a rough square foot rule of thumb.

When it works in this manner, you typically wind up with a smaller tonnage system, a quieter home, and lower energy costs. I have seen 2,400 square foot Conway homes carry out magnificently on a properly designed 2.5 ton or 3 ton system once the attic and walls were dealt with, where older, leakier homes the same size struggled even with 4 tons.

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

There is a time to believe broad view, and a time to get the system limping again before everybody in your house mutinies from the heat. During a July heat wave, the majority of people are typing "HVAC repair near me" into their phones because they require cold air in the next couple of hours, not a structure science seminar.

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

Fast repair work is the best move when:

You hear grinding or shrieking from the air handler or condenser. Mechanical sounds can quickly turn a repair work into a full replacement.

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

Your thermostat is calling for cooling, however the outside system is silent and you have currently inspected the breaker.

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

A practical method to mix short-term requires with long term thinking is simple: when the tech has the system open, use that check out to get a picture of the entire system. Ask whether the ductwork, insulation, and devices size appearance sensible for your home. A fifteen minute conversation while they are already on website can save you thousands in mistakes over the next couple of years.

How spray foam and HVAC together alter humidity control

Residents of Conway speak about temperature, but the real comfort villain in summertime is humidity. You can stroll into a home reading 74 degrees on the thermostat that still feels swampy and uncomfortable. That is normally an indication the system is not getting rid of adequate moisture, or your home is pulling muggy air in from outside faster than the HVAC can dry it.

Spray foam helps humidity in 2 ways. It lowers the flow of warm, moist outdoors air into the building cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less infiltration implies less latent load on the system.

On the HVAC side, humidity control is mainly about:

Equipment sizing. If the system is too large, it brief cycles and never runs long enough to wring out moisture.

Airflow rate. Excessive air flow per ton can minimize dehumidification due to the fact that the air does not invest adequate time on the coil.

Run technique. Variable speed systems that can run longer at low speed tend to do effectively in our climate.

When we integrate Spray Foam Insulation Conway SC with a right-sized variable speed system, you can generally feel the distinction. Homeowners tell me they easily set the thermostat 2 degrees greater since the air feels drier and more stable. That is not just a convenience upgrade, it is an energy savings multiplier.



When a repair 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 money into another repair, or start fresh with brand-new HVAC installation Conway SC. That choice is seldom as easy as age alone, though age matters.

Some of the questions I walk customers through:

How old is the devices, and how has it been preserved? A 15 years of age system with little maintenance and R-22 refrigerant that now has a compressor concern is a bad candidate for major repair work. A 9 year old system with clean service records and a minor blower issue is still worth purchasing.

What has changed in your house? If you have actually included spray foam, replaced windows, ended up a perk space, or enclosed a patio, the original load estimation is no longer accurate. That prefers replacement with a properly sized new system.

How have your energy costs 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 intentionally combine a moderate repair work now with an organized 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 name 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 on the box. In this market, the majority of the major manufacturers offer decent equipment. What separates one home's experience from another's is how wisely the system is chosen, installed, and serviced.



On the service side, whether you are requiring regular maintenance or urgent repair, a professional check out generally has a few hallmarks.

You should see basic safety and efficiency checks, not just a quick refrigerant top-off. That implies checking electrical connections, capacitors, fixed pressure, temperature split throughout the coil, and condensate drain.

The tech must want to explain what they see and what they advise, in plain language. If they only speak in brand and vague reassurances, push for numbers and specifics.

They should ask you at least a couple of questions about comfort issues, not just whether the system switches on. Great service techs listen for hints about duct issues, zoning concerns, and insulation gaps.

For property owners, an annual or [HVAC Repair Conway SC](#) twice-yearly maintenance plan is not just an income stream for the contractor. Many failures we see throughout the hottest or coldest weeks of the year were avoidable with earlier attention: weak capacitors, unclean coils, stopped up drains, or low refrigerant from a tiny leak left unchecked.

Talking insulation with your HVAC contractor

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

Encapsulating an attic without offering correct ventilation of combustion appliances. Gas furnaces or water heaters that vent into a now-tighter area requirement careful review.

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

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

The finest jobs I have actually been included with appeared like a three-way partnership between homeowner, insulation contractor, and HVAC company. The homeowner discussed what felt wrong in your house, the foam crew explained what parts of the envelope they would alter, and the HVAC team then reconsidered loads and airflow so the system could benefit from the enhanced shell.

Simple checks before you require repair

Sometimes the distinction in between a service call and a do-it-yourself repair is one minute of attention. These fast checks will not replace professional HVAC Repair Conway SC work when there is a genuine failure, but they can save you the humiliation of an avoidable call.

Here is a list of things to confirm:

1. Check the breaker and any outdoor disconnect to be sure the system has power, particularly after storms or electrical work.
2. Make sure the thermostat settings have actually not been bumped to "heat" or "off," and that any schedule or getaway mode is not the genuine offender.
3. Replace or tidy the air filter if it is visibly filthy or if you can not see light through it. A blocked filter can trip safeties and trigger poor efficiency.
4. Look at the outside unit to see if it is buried in leaves, yard clippings, or other particles that can choke airflow.
5. Check for water around the indoor unit or in the drain pan that may indicate a blocked condensate line setting off a float switch.

If those fundamental steps do not bring the system back to normal behavior, it is time to call a professional. Keep in mind that repeated tripping of breakers, uncommon noises, or burning smells are "stop and call" events, not something to evaluate repeatedly.

Questions to ask when choosing an HVAC or spray foam contractor

You do not require to be a mechanical engineer to vet a professional, but a couple of targeted questions reveal a lot about how they work. These apply whether you are looking for "HVAC repair near me" or trying to find a team to deal with Spray Foam Insulation Conway SC.

Consider asking:

1. How will you determine the ideal system size or foam thickness for my home, specifically in Conway's environment?
2. Do you perform or rely on Manual J/ Manual D estimations, or do you size based upon square footage and rules of thumb?
3. How will this work affect humidity control and indoor air quality, and what actions do you require to address those?
4. For spray foam, what is your plan for ventilation, existing combustion devices, and future access to mechanicals?
5. For HVAC installation, how do you check the last system - do you check static pressure, step air flow, and verify refrigerant charge versus maker specs?

Clear, confident answers in plain language are a great indication. Unclear guarantees or defensiveness are not.

Bringing everything together for a more comfy Conway home

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

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

Comfort, performance, and dependability are not mishaps. They come from taking a look at your home as a system, not a collection of devices. In Conway, that indicates respecting the humidity, respecting the heat, and utilizing both spray foam insulation and wise HVAC installation to work with, not against, the local climate. When those pieces line up, you feel it each time you stroll in the door, and you see it each month when the utility costs arrives.

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 & 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://techvac-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.