

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 know our weather condition does not child your home. Muggy summer seasons, an unexpected number of cold moist nights, salt in the air from the coast, and more than a couple of heavy-rain events every year. That mix is difficult on both your HVAC system and your building shell.

I have actually strolled into a lot of Conway homes where the thermostat is battling a losing battle. The air conditioning unit runs nonstop yet the bonus room is still sticky. The gas or heatpump system has a hard time in January even though the bill looks more like February in Ohio. In a lot of those homes, the problem is not simply the devices. 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 biggest distinction when you want to go from drafty to truly comfy: trustworthy HVAC service and much better insulation. In this location, spray foam insulation and solid HVAC repair or HVAC installation in Conway SC typically work together. If you only fix one without considering the other, you leave comfort and cash on the table.

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

Most people call for HVAC Repair Conway SC since something is undoubtedly wrong. The unit is not cooling, the air handler is noisy, or the outdoors condenser will not begin. However a lot of systems in Horry County are operating in that gray area in between "damaged" and "right." They turn on, they cycle, they respond to the thermostat, yet particular rooms never feel good.

In this area, 3 patterns appear once again and again.

First, we see long, badly 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 leaking 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 already lost the battle.

Second, we see thin or patchy attic insulation. Many homes are resting on R-13 to R-19 up top, when code-minimum for new building is greater and finest practice in our climate is higher still. Blown fiberglass or cellulose tends to get pushed around by previous trades, rodents, or DIY cable television runs. Gaps and low spots end up being invisible highways for heat.

Third, we see developing shells that have plenty of little cracks. Spaces around recessed lights, pipes penetrations, leading plates, and attic access doors all add up to a stack effect in winter and a kind of slow, continuous seepage in summertime. Your ac system or heat pump ends up treating outdoors air as much as conditioned indoor air.

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

What spray foam actually provides for convenience and HVAC performance

Spray foam has a reputation as the "fancy" insulation, that makes some house owners suspicious. The genuine worth is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do 2 essential 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 sliding through those fractures that make your house feel drafty. That matters more in Conway than many people realize.

When we apply spray foam to the roof deck in an attic, for example, we often 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 attempting 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 level difference between rooms below the attic begins to even out.

It likewise changes how we design HVAC Installation Conway SC. Once the building shell resists both heat and air infiltration better, you frequently do not require as big a system as the original home builder installed. Right-sizing becomes possible rather of a guess.

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

They lower the thermostat in summer season less often due to the fact that the air feels less sticky and the temperature level is more even.

They stop hearing "my space is too hot" from whoever oversleeps the space 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 essential phrase in there is "if their HVAC is tuned correctly." Insulation and HVAC interact. You will not get the complete payoff from Spray Foam Insulation Conway SC if your system is extra-large, undercharged, or

improperly ducted.

Matching HVAC style to a tighter, better-insulated home

I have actually seen plenty of homes where somebody did a terrific job spraying foam, but the existing HVAC system was never adjusted or examined. The equipment then faces a different issue: short cycling.

If you tighten up and insulate your home without rethinking HVAC, two things often take place:

The existing system can be large relative to the new load, so it pleases the thermostat rapidly then shuts down. That offers you brief bursts of extremely cold air, not constant convenience, and it can fail to dehumidify properly.

The blower settings and airflow may no longer match what the ducts and spaces require. You get whistling vents, noisy returns, and uneven air circulation even though the walls and roof are now better.

That is why any accountable HVAC Service Conway SC ought to treat a significant insulation upgrade as a trigger to review system sizing and airflow. That does not always indicate new equipment. Sometimes it means altering fan speeds, changing charge, including or resizing returns, or stabilizing dampers.



If you are developing new or doing a heavy renovation, the smartest sequence is:

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

A Manual J load calculation is followed those envelope specs are set, not in the past.

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

When it works this way, you frequently wind up with a smaller tonnage system, a quieter home, and lower energy costs. I have actually seen 2,400 square foot Conway homes perform beautifully on a well-designed 2.5 ton or 3 ton load system once the attic and walls were dealt with, where older, leakier houses the same size struggled even with 4 tons.

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

There is a time to believe big picture, and a time to get the system hopping again before everybody in your house mutinies from the heat. Throughout a July heat wave, many people are typing "HVAC repair near me" into their phones since they need cold air in the next couple of hours, not a building science seminar.

If your system has failed outright or is blowing warm air, start with emergency situation service. Credible HVAC Repair Conway SC suppliers understand that triage comes first. When the fundamental function is restored and your house is manageable, that is when it pays to ask greater level questions.

Fast repair 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 complete replacement.

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

Your thermostat is requiring cooling, however the outside system is quiet and you have actually already examined the breaker.

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

A practical way to blend short-term requires with long term thinking is easy: when the tech has the system open, utilize that check out to get a photo of the whole system. Ask whether the ductwork, insulation, and equipment size look reasonable for the house. A fifteen minute conversation while they are currently on website can conserve you thousands in bad moves over the next few 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 walk 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 enough wetness, or the house is pulling clammy air in from outdoors faster than the HVAC can dry it.

Spray foam assists humidity in two methods. It reduces the circulation of warm, wet outdoors air into the structure cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less infiltration implies less hidden load on the system.

On the HVAC side, humidity control is largely about:

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

Airflow rate. Excessive airflow per ton can lower dehumidification due to the fact that the air does not spend enough time on the coil.

Run technique. 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 usually feel the distinction. Homeowners inform me they conveniently set the thermostat two degrees higher due to the fact that the air feels drier and more stable. That is not simply a comfort upgrade, it is an energy savings multiplier.

When a repair suffices and when HVAC installation makes more sense

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

Some of the concerns I walk customers through:

How old is the equipment, and how has it been preserved? A 15 year old system with little maintenance and R-22 refrigerant that now has a compressor problem is a bad candidate for significant repair. A 9 years of age system with tidy service records and a small blower problem is still worth purchasing.

What has altered in the house? If you have actually added spray foam, replaced windows, ended up a perk room, or confined a deck, the original load estimation is no longer accurate. That prefers replacement with an appropriately sized brand-new system.



How have your energy bills trended? If power costs are up 10 percent but your bill is up 40 percent, something is degrading in the system's performance, often beyond what a simple repair work can completely solve.



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

What to anticipate from professional HVAC Service Conway SC

The quality of the work often matters more than the brand name on the box. In this market, most of the significant manufacturers offer good devices. What separates one home's experience from another's is how smartly the system is chosen, set up, and serviced.

On the service side, whether you are calling for regular maintenance or immediate repair work, a professional check out normally has a couple of hallmarks.

You need to see standard safety and performance checks, not just a quick refrigerant top-off. That suggests inspecting electrical connections, capacitors, fixed pressure, temperature level split throughout the coil, and condensate drainage.

The tech must be willing to discuss what they see and what they advise, in plain language. If they only speak in brand and unclear peace of minds, push for numbers and specifics.

They must ask you a minimum of one or two questions about comfort problems, not just whether the unit switches on. Great service techs listen for tips about duct problems, zoning problems, and insulation gaps.

For property owners, an annual or twice-yearly maintenance plan is not just a profits 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, clogged up drains, or low refrigerant from a tiny leak left unchecked.

Talking insulation with your HVAC contractor

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

Encapsulating an attic without attending to appropriate ventilation of combustion devices. Gas heating systems or water heaters that vent into a now-tighter area need cautious evaluation.

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

Leaving existing attic ventilation open while spraying the roofing system deck, which can develop moisture and condensation issues.

The finest projects I have been involved with looked like a three-way cooperation in between house owner, insulation contractor, and HVAC company. The homeowner described what felt wrong in your home, the foam crew described what parts of the envelope they would alter, and the HVAC group then reconsidered loads and airflow so the system might take advantage of the enhanced shell.

Simple checks before you require repair

Sometimes the distinction 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, but they can conserve you the shame of a preventable call.

Here is a short list of things to validate:

1. Check the breaker and any outdoor detach 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 vacation mode is not the real 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 journey securities and cause poor efficiency.
4. Look at the outside unit to see if it is buried in leaves, turf 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 clogged condensate line setting off a float switch.

If those standard actions do not bring the system back to normal behavior, it is time to call a professional. Bear in mind that duplicated tripping of breakers, uncommon noises, or burning smells are "stop and call" occasions, not something to check repeatedly.

Questions to ask when selecting an HVAC or spray foam contractor

You do not need to be a mechanical engineer to veterinarian a contractor, but a few targeted questions expose a lot about how they work. These apply whether you are searching for "HVAC repair near me" or searching for a team to deal with Spray Foam Insulation Conway SC.

Consider asking:

1. How will you figure out the ideal system size or foam thickness for my home, specifically in Conway's environment?
2. Do you carry out or count on Manual J/ Manual D computations, 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 steps do you require to deal with those?
4. For spray foam, what is your prepare for ventilation, existing combustion devices, and future access to mechanicals?
5. For HVAC installation, how do you test the final system - do you examine static pressure, step airflow, and confirm refrigerant charge against producer specs?

Clear, positive responses in plain language are a good indication. Unclear guarantees or defensiveness are not.

Bringing everything together for a more comfortable Conway home

If your home [HVAC Service Conway SC](#) feels drafty, spaces swing cold and hot, or your power costs keeps climbing, you do not need to accept that as just part of living near the coast. The mix of thoughtful HVAC Service Conway SC and thoroughly prepared spray foam or other insulation upgrades can improve 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, begin the discussion about the bigger photo: duct design, attic conditions, insulation levels, and possible improvements. If you are preparing spray foam, pull your HVAC specialist into that conversation before the first tube is unrolled.

Comfort, effectiveness, and dependability are not mishaps. They originate from taking a look at your home as a system, not a collection of gizmos. In Conway, that suggests respecting the humidity, appreciating the heat, and using both spray foam insulation and smart HVAC installation to work with, not versus, the regional environment. When those pieces line up, you feel it whenever you walk in the door, and you see it each month when the utility expense 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

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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](#)

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