

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 already understand our weather does not child your home. Muggy summers, a surprising number of chilly wet nights, salt in the air from the coast, and more than a few heavy-rain occasions every year. That mix is difficult on both your HVAC system and your structure shell.

I have actually walked into a great deal of Conway homes where the thermostat is fighting a losing battle. The air conditioner runs nonstop yet the bonus offer space is still sticky. The gas or heat pump system has a hard time in January despite the fact that the bill looks more like February in Ohio. In many of those homes, the issue is not just the devices. It is the shell of your 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 wish to go from drafty to genuinely comfortable: reputable HVAC service and better insulation. In this area, spray foam insulation and strong HVAC repair or HVAC installation in Conway SC frequently go hand in hand. If you only repair one without considering the other, you leave comfort and cash on the table.

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

Most individuals require HVAC Repair Conway SC due to the fact that something is certainly incorrect. The unit is not cooling, the air handler is loud, or the outside condenser will not start. However a lot of systems in Horry County are operating in that gray area in between "broken" and "right." They switch on, they cycle, they react to the thermostat, yet specific spaces never feel good.

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

First, we see long, inadequately sealed duct runs in hot attics. A 140 degree attic is not uncommon 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 irregular attic insulation. Numerous houses are sitting on R-13 to R-19 up leading, when code-minimum for brand-new building is greater and finest practice in our climate is greater still. Blown fiberglass or cellulose tends to get pushed around by previous trades, rodents, or do it yourself cable television runs. Spaces and low areas end up being invisible highways for heat.

Third, we see building shells that have plenty of little fractures. Spaces around recessed lights, pipes penetrations, leading plates, and attic access doors all amount to a stack effect in winter and a kind of slow, continuous infiltration in summer. Your air conditioning system or heat pump ends up dealing with outside air as much as conditioned indoor air.

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

What spray foam in fact provides for convenience and HVAC performance

Spray foam has a reputation as the "fancy" insulation, which makes some property owners suspicious. The genuine value is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do 2 essential things in one action: they insulate and they air seal.

Where batts or loose fill just slow heat transfer, spray foam likewise stops air from sliding through those cracks that make your house feel drafty. That matters more in Conway than lots of people realize.

When we apply spray foam to the roofing deck in an attic, for instance, we typically convert a 125 to 140 degree space into a 85 to 95 degree semi-conditioned space in summer season. That lower attic temperature implies:

- Ductwork is no longer attempting 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 distinction in between spaces listed below the attic starts to even out.

It likewise changes how we design HVAC Installation Conway SC. When the building shell resists both heat and air seepage much better, you typically do not need as large a system as the initial builder installed. Right-sizing becomes possible rather of a guess.

From a lived experience standpoint, homeowners usually notice three useful changes 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 room is too hot" from whoever oversleeps the space over the garage.

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



The key phrase in there is "if their HVAC is tuned correctly." Insulation and HVAC communicate. You will not get the complete benefit from Spray Foam Insulation Conway SC if your system is extra-large, undercharged, or inadequately ducted.

Matching HVAC design to a tighter, better-insulated home

I have actually seen a lot of homes where someone did an excellent job spraying foam, however the existing HVAC [Tech Service Heating/Cooling & Spray Foam HVAC repair near me](#) system was never ever changed or evaluated. The device then runs into a different issue: short cycling.

If you tighten up and insulate your home without rethinking HVAC, 2 things typically occur:

The existing system can be oversized relative to the new load, so it satisfies the thermostat quickly then shuts off. That provides you short bursts of very cold air, not constant convenience, and it can fail to dehumidify properly.

The blower settings and airflow might no longer match what the ducts and spaces need. You get whistling vents, loud returns, and unequal air circulation despite the fact that the walls and roofing system are now better.

That is why any responsible 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 new devices. In some cases it suggests

changing fan speeds, adjusting charge, including or resizing returns, or stabilizing dampers.

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

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

A Manual J load calculation is run after those envelope specifications are set, not in the past.

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

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

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

There is a time to believe big picture, and a time to get the system limping again before everyone in your home 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 need 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 situation service. Reputable HVAC Repair Conway SC suppliers understand that triage comes first. When the basic function is brought back and your home is manageable, that is when it pays to ask greater level questions.

Fast repair work is the best relocation when:

You hear grinding or screeching from the air handler or condenser. Mechanical noises 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" situation.

Your thermostat is requiring cooling, however the outdoor system is quiet and you have actually currently checked the breaker.

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

A practical method to blend short term requires with long term thinking is simple: when the tech has the unit open, use that check out to get a picture of the whole system. Ask whether the ductwork, insulation, and equipment size appearance sensible for your house. A fifteen minute discussion while they are currently on website can save you thousands in bad moves over the next couple of years.

How spray foam and HVAC together alter humidity control

Residents of Conway talk about temperature level, however the genuine comfort bad guy in summertime is humidity. You can walk into a home reading 74 degrees on the thermostat that still feels swampy and unpleasant. That is normally an indication the system is not eliminating adequate wetness, or your house is pulling clammy air in from outside faster than the HVAC can dry it.

Spray foam assists humidity in 2 ways. It minimizes the circulation of warm, wet outside air into the structure 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 big, it brief cycles and never ever runs long enough to wring out moisture.

Airflow rate. Too much airflow per heap can minimize dehumidification due to the fact that the air does not invest sufficient time on the coil.

Run method. 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 often feel the distinction. House owners tell me they easily set the thermostat 2 degrees greater because the air feels drier and more steady. That is not simply a comfort upgrade, it is an energy cost 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 cash into another repair work, or begin fresh with brand-new HVAC installation Conway SC. That decision is hardly ever as basic as age alone, though age matters.

Some of the questions I stroll customers through:

How old is the equipment, and how has it been kept? A 15 year old system with little maintenance and R-22 refrigerant that now has a compressor concern is a poor candidate for significant repair. A 9 year old system with clean service records and a small blower problem is still worth investing in.

What has altered in the house? If you have added spray foam, changed windows, completed a benefit space, or confined a patio, the initial load estimation is no longer precise. That favors replacement with a correctly sized new system.

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

There are times when we deliberately combine a moderate repair work now with a planned replacement next year, especially if a major insulation or restoration task is on the calendar. Keeping an old system alive through one more 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 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 makers use decent devices. What separates one home's experience from another's is how intelligently the system is chosen, set up, 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 should see basic safety and performance checks, not simply a fast refrigerant top-off. That means checking electrical connections, capacitors, static pressure, temperature level split across the coil, and condensate drain.

The tech need to be willing to discuss what they see and what they recommend, in plain language. If they only speak in brand names and unclear reassurances, push for numbers and specifics.

They should ask you a minimum of one or two concerns about comfort problems, not simply whether the system switches on. Great service techs listen for tips about duct issues, zoning problems, and insulation gaps.

For homeowners, a yearly or twice-yearly maintenance plan is not simply an income stream for the professional. Lots of failures we see throughout the hottest or coldest weeks of the year were preventable with earlier attention: weak capacitors, unclean coils, stopped up drains pipes, or low refrigerant from a small leak left unchecked.

Talking insulation with your HVAC contractor

Even though HVAC and insulation typically come from different 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 quick back-and-forth between the foam installer and HVAC contractor can avoid issues such as:

Encapsulating an attic without offering proper ventilation of combustion home appliances. Gas heaters or hot water heater that vent into a now-tighter area need mindful review.

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



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

The finest projects I have actually been included with looked like a three-way partnership in between house owner, insulation specialist, and HVAC business. The homeowner described what felt wrong in your house, the foam crew described what parts of the envelope they would alter, and the HVAC team then rechecked loads and airflow so the system might take advantage of the improved shell.

Simple checks before you require repair

Sometimes the distinction in between a service call and a diy fix is one minute of attention. These fast checks will not change professional HVAC Repair Conway SC work when there is a real failure, however they can conserve you the embarrassment of an avoidable call.

Here is a list of things to verify:

1. Check the breaker and any outdoor detach to be sure the system has power, especially after storms or electrical work.
2. Make sure the thermostat settings have not been bumped to "heat" or "off," which any schedule or trip mode is not the genuine perpetrator.
3. Replace or clean the air filter if it is visibly unclean or if you can not see light through it. A stopped up filter can trip safeties and trigger poor efficiency.
4. Look at the outdoor system to see if it is buried in leaves, turf clippings, or other debris that can choke airflow.
5. Check for water around the indoor unit or in the drain pan that might indicate a clogged condensate line activating a float switch.

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

Questions to ask when selecting an HVAC or spray foam contractor

You do not need to be a mechanical engineer to vet a professional, but a few targeted concerns reveal a lot about how they work. These use whether you are looking for "HVAC repair near me" or trying to find a crew to deal with Spray Foam Insulation Conway SC.

Consider asking:

1. How will you identify the right system size or foam density for my home, specifically in Conway's environment?
2. Do you perform or depend on Manual J/ Manual D estimations, or do you size based on square video and rules of thumb?
3. How will this work impact humidity control and indoor air quality, and what steps do you take to deal with those?
4. For spray foam, what is your plan for ventilation, existing combustion home appliances, and future access to mechanicals?
5. For HVAC installation, how do you check the last system - do you inspect static pressure, measure air flow, and verify refrigerant charge against maker specs?

Clear, positive responses in plain language are an excellent sign. Unclear guarantees or defensiveness are not.

Bringing all of it together for a more comfy Conway home

If your home feels drafty, spaces swing cold and hot, or your power costs keeps climbing up, you do not have to accept that as simply part of living near the coast. The mix of thoughtful HVAC Service Conway SC and thoroughly planned spray foam or other insulation upgrades can improve 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 conversation about the bigger photo: duct layout, attic conditions, insulation levels, and possible enhancements. If you are preparing spray foam, pull your HVAC contractor into that discussion before the first hose pipe is unrolled.

Comfort, performance, and dependability are not mishaps. They originate from taking a look at your home as a system, not a collection of devices. In Conway, that suggests respecting the humidity, appreciating the heat, and using both spray foam insulation and wise HVAC installation to deal with, not against, the local climate. When those pieces line up, you feel it whenever you walk in the door, and you see it every month when the energy expense arrives.

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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 & 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](#)

Visiting the [Collins Park](#) demonstrates how professional Heating Systems Repairs and Spray Foam Insulation support community buildings and recreational facilities with dependable comfort.