TECH 2 SERIES

Gas Furnaces

Two-Stage, Fixed-Speed
with iSEER®



Tough.
Smart.
Tappan.™



TAPPAN

TAPPAN

Built Tank-Tough.



Tappan's reputation for tough, durable products was, in the beginning, cast in iron. In 1881, in Bellaire, Ohio, W. J. (Bill) Tappan sold his wood- and coal-burning stoves door-to-door from a horse-drawn wagon. But it wasn't until World Wars I and II, when Tappan supplied cooking equipment to the U.S. armed forces, that the name gained well-deserved national recognition.

The Tappan name has always stood for appliances that are durable and innovative. Tappan's introduction of the microwave in 1955 revolutionized cooking. Then, just five years later, pilot lights in furnaces and stoves became a thing of the past with Tappan's invention of electronic ignition.

Today, our line of heating and cooling equipment is still just as solidly-built as our tank-tough stoves built for the military in World War I and II. In fact, our furnaces offer an industry-leading all-parts warranty including a limited lifetime warranty on the heat exchanger. Even more, they're Tappan smart. Packed with precision-engineered components that deliver extended service life, plus state-of-the-art efficiency and comfort.

Tough, Because We're Tough On Ourselves.

When you purchase a Tappan furnace, you can be confident it's passed the toughest manufacturing standards in the industry: Our own. By the end of the line, each piece of equipment will undergo 234 inspections.

Its' part of a unique quality control program called Demand Flow Technology (DFT), where consistency and workflow achieve near-zero tolerance for imperfection. Associates are trained in multiple workstation skill sets so they can check assembly from the preceding station, double-check their own work, than pass it on. Then in the exceedingly small likelihood there may be a defect, all units and each component (both mechanical and electrical) are 100% fired and tested on the line.

In the final balance, we stand behind quality workmanship because we do more to stand watch over it.



The Tappan Tough™ Quality Pledge.

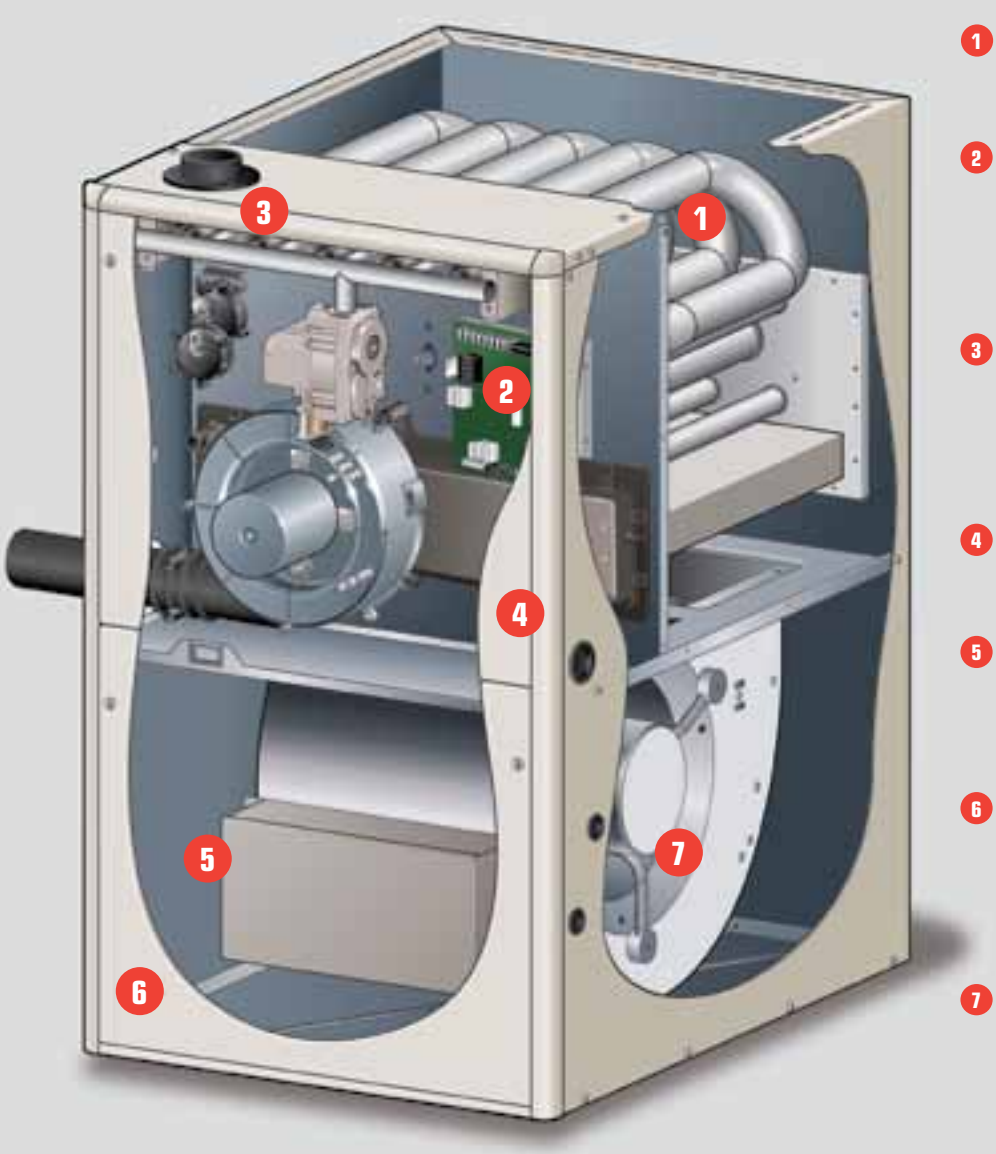
Because Tappan equipment is built-tough for the long run, the most critical heating component—the heat exchanger—is backed by the Tappan Tough Quality Pledge. We'll replace your Tappan furnace should the heat exchanger fail during the first 10 years of ownership, registration required. For even greater peace of mind, internal working parts of every Tappan unit are covered by a limited warranty for replacement up to 10 full years when registered.

Reliable Performance.



Most likely, you're looking for quality, dependability, energy-efficiency, value and comfort when choosing a furnace - all from a brand with an excellent reputation. We've built our reputation on providing the highest quality products possible. When choosing a furnace, look not only at the product, but also the service and support provided by your contractor. Your Tappan contractor can help you select the right furnace for your home and keep it in top operating condition. For home comfort year after year, trust the Tappan brand.

Taking Tough And Smart To The Nth Degree.



95.1% AFUE Upflow/Horizontal Two-Stage Furnace Shown

1. Heavy-gauge aluminized steel heat exchanger
2. SmartLite® control board programs igniter to adapt to furnace's heat-up characteristics extending igniter life
3. Multiport, in-shot burner design and location of inducer and air vents assures cleaner, more-efficient combustion
4. Galvanized steel cabinet for added strength and durability
5. Fully insulated cabinet and blower compartment for quieter operation
6. Silicone-polyurethane finish provides superior scratch and corrosion resistance for looks that last
7. A Multi-speed direct-drive motor provides higher torque and operating speeds for improved air flow capacity

   B Smoother motor operation reduces noise and lowers winding temperatures that help to extend bearing-life of the motor

iSEER® INSIDE

iSEER® technology inside. iSEER increases the energy efficiency of your cooling system. The energy performance of a cooling system is rated by SEER (Seasonal Energy Efficiency Ratio). The higher the SEER, the more energy efficient the product. Tappan Gas Furnaces with iSEER can increase the energy efficiency up to one SEER during the cooling season.

Breathe Easy, Save Big.

Comfort is nice, but saving money on monthly heating costs is even better. An economical two-stage gas furnace can also reduce your energy bills by hundreds of dollars each season when compared to older, inefficient furnaces. So when utility bills come due, you can breathe a lot easier.

Dollar amounts computed at $.092 ccf, for 2,000 full-load heating hours and a system rated at 60,000 Btuh. Actual savings may vary depending on climate conditions, fuel rates, and patterns of usage according to individual lifestyle.



3-Year Heating Savings
Tech2 95.1% and 80% AFUE unit vs. 65% AFUE units



The technology inside: SmartLite® control board.

Tappan gas furnaces with SmartLite control boards provide extended life to igniters in furnaces using hot surface ignition technology. They are programmed to learn the heat-up characteristics of the igniter, then adapt the ignition time to the characteristics of the furnace so the igniter is energized appropriately. The result is an extended life for the igniter.

Energy Definitions.

AFUE—Annual Fuel Utilization Efficiency

It measures the amount of heat actually delivered to your house compared to the amount of fuel that you must supply to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel that you supply to heat—the other 20% is lost out of the chimney. As ratings increase, so does unit efficiency.

Tech2 Series 95.1 FS-2

95.1% AFUE Ultra High Efficiency

Two-Stage Gas Furnace with Fixed-Speed Blower

- Exceptional Warranty—Limited Lifetime Heat Exchanger Warranty/10-Year Limited Parts Warranty/ 10-year Tappan Tough™ Quality Pledge when registered

  Ask your Tappan contractor or go to www.tappan.net for warranty details.



Upflow/Horizontal Model



Downflow Model

Tech2 Series 80+ FS-2

80+% AFUE Extra High Efficiency



Upflow/Horizontal Model



Downflow Model

Two-Stage Gas Furnace with Fixed-Speed Blower

- Exceptional Warranty—Limited Lifetime Heat Exchanger Warranty/10-Year Limited Parts Warranty/ 10-year Tappan Tough™ Quality Pledge when registered

Ask your Tappan contractor or go to www.tappan.net for warranty details.

Two-Stage Technology That Quietly Up-Stages The Rest.

On mild days, which statistically average about 80% of the heating season, a furnace that idles down to a reduced-heating capacity improves comfort and reduces sound.

Tappan's Tech2 Series two-stage furnaces are built with this purpose in mind. In the first stage, or low-fire mode, these furnaces use only about 68% of their total heating capacity running more slowly and quietly. Then, during colder extremes--when maximum output is finally needed–a second stage boosts fuel flow while the blower powers up to maximum speed.

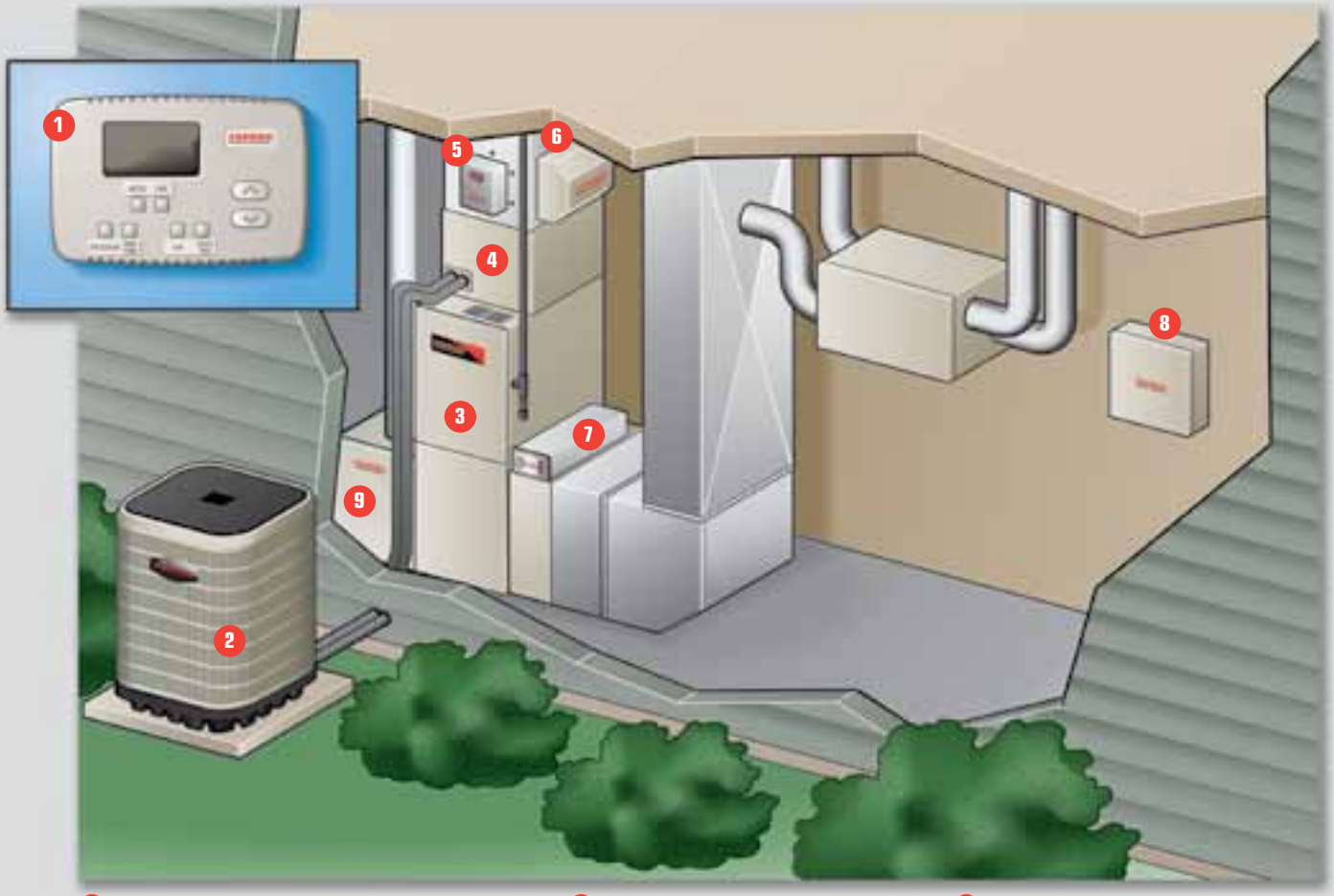
Since air is circulated at longer cycles more continuously, room temperatures are balanced and more comfortably mixed. Temperature swings are reduced to barely a couple of degrees and hot and cold spots are reduced.

Helping To Save Mother Earth.

Awarded by the U.S. Department of Energy and the Environmental Protection Agency for helping to conserve energy, promote cleaner air, and prevent global warming.

Putting It All Together With Quality Service.

To learn how you can get the most comfort–and biggest return in energy savings from a totally integrated indoor comfort system, talk to your Tappan contractor. From thermostats, to air cleaners, matched coils for new condensing units, humidity and zone control systems, and other indoor air quality accessories, you're sure to get tough, dependable technology that's built to last. All of which makes you one very smart customer. Tough. Smart. Tappan.™



1. Programmable thermostat
2. Air conditioner or heat pump
3. Gas furnace or air handler
4. Evaporator coil
5. UV air purifier
6. Humidifier
7. Electronic air cleaner
8. Zone control panel
9. HEPA air cleaner

TAPPAN
Heating and Cooling Products

Certifications

HRAI YOUR ENVIRONMENT. OUR EXPERTISE. MEMBER COMPANY

AHRI CERTIFIED www.ahridirectory.org Residential Furnaces DOE 10 CFR Part 430

ENERGY STAR PARTNER

DESIGN CERTIFIED

CERTIFIED

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Pictured installation varies per household.

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