TECH 3 SERIES™

Air Conditioners/ Heat Pumps

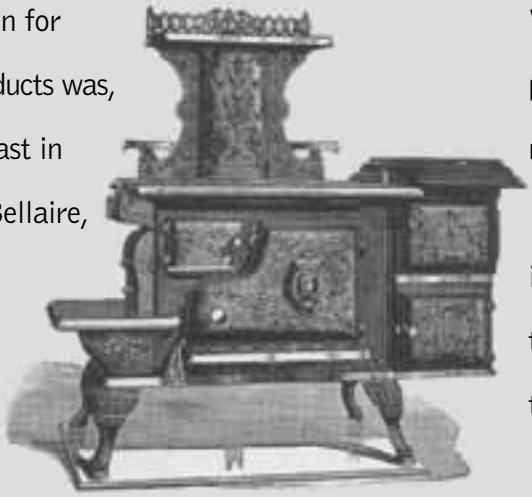
Two-Stage,
Variable-Speed

Tough.
Smart.
Tappan.™

TAPPAN

TAPPAN

The Military Wanted Tank-Tough. They Got It.



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 air conditioners and heat pumps offer an industry-leading, all-parts warranty. 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 air conditioner or heat pump, you can be confident it's passed the toughest manufacturing standards in the industry: Ours. By the end of the line, each piece of equipment will undergo 144 inspections. Rigorous as this process is, all equipment will then have to perform to spec at our automated computer-testing station.

It's 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, then 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 air conditioners and heat pumps are built-tough for the long run, the most critical cooling component— the compressor—is backed by our Tappan Tough™ Quality Pledge, registration required. When installed with a matched Tappan indoor coil or air handler, we'll replace your Tappan air conditioner or heat pump should the compressor fail during the first 10 years of ownership. 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 product is registered.

Tech3™ Series Performance. Strictly Top-Of-The-Line.

Tappan's Tech3 Series air conditioners and heat pumps are up-to-speed with the expectations of today's comfort-minded and energy-conscious consumer. Using the latest two-stage scroll compressor technology, it stands to reason that these air conditioners and heat pumps will cost more up front. But over the lifetime of your initial investment, they'll provide unparalleled comfort, quiet operation, and significant improvements in indoor air quality.

Likewise, they'll pay back dividends providing energy savings worth hundreds of dollars per year along with reduced maintenance costs.

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

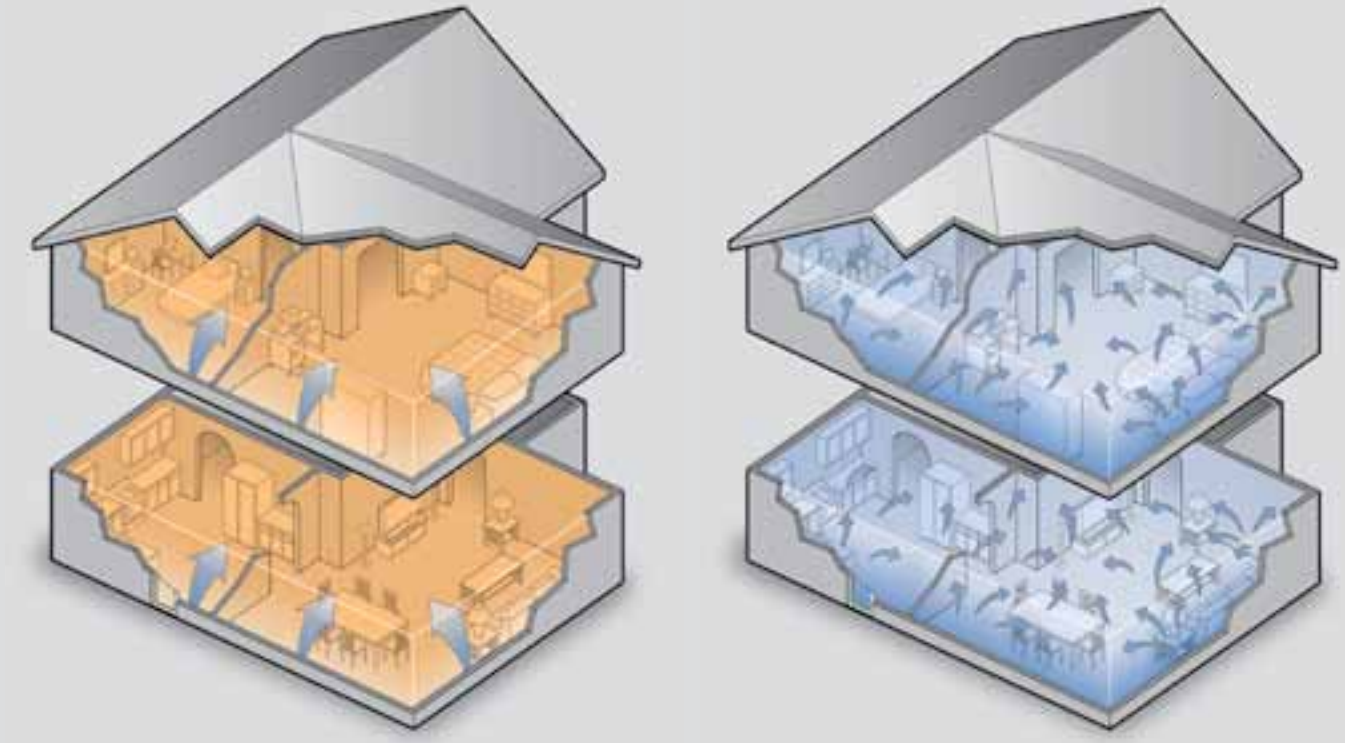
On mild days, which statistically average about 80% of the cooling season, a system that idles down to a reduced-cooling capacity improves comfort.

Tappan's Tech3 Series™ two-stage systems are built with this purpose in mind. In the first stage, the air conditioner, or heat pump, uses approximately just 68% of its total capacity running more slowly, quietly and efficiently. Then, during the hottest extremes–a second stage boosts capacity ramping up gently to maximum speed. Ramping gradually through cooling cycles increases quiet performance.

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 minimized.

Best of all, by reducing energy consumption in the low-speed, a two-stage air conditioner, or heat pump, can also reduce your energy bills by hundreds of dollars each season.

Fixed-Speed vs. Variable-Speed



Conventional fixed-speed system shuts on and off at full output only

- Uses more energy
- Creates uncomfortable temperature swings
- Produces hot and cold spots
- More contaminants in air due to less filtration
- Reduced humidity control

Advanced variable-speed system runs continuously adjusting output to match conditions

- Uses less energy
- Ramps up gently eliminating uncomfortable temperature swings
- Eliminates noisy on/off cycles
- Continuous airflow improves filtration and humidity control
- Balances temperatures and minimizes hot and cold spots

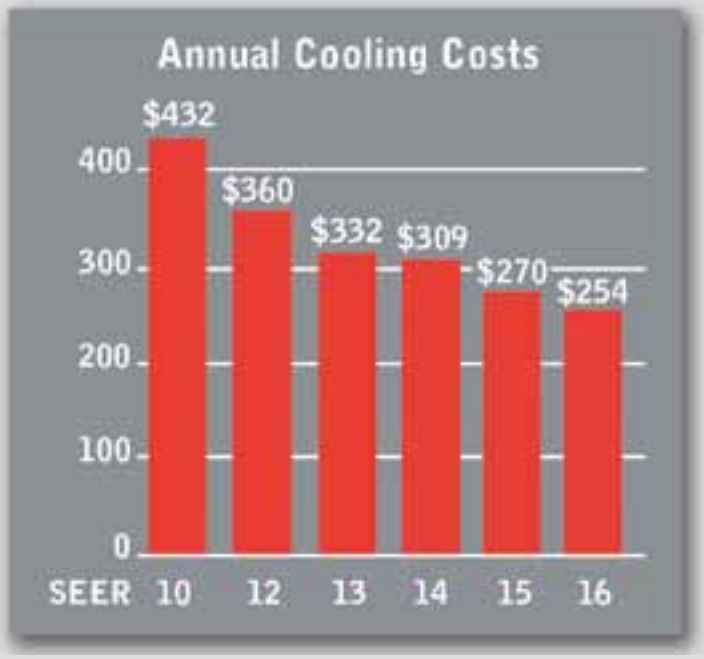
Breathe Easy, Save Big.

There's another performance factor to consider for comfort, especially in summer: Humidity.

When an outdoor two-stage, air conditioner or heat pump is matched with an indoor furnace or air handler equipped with a variable-speed blower, it's possible to remove up to 6 times more moisture. So thermostat settings at 72 degrees feel as comfortable as at 70 for systems using conventional blower motors.

Ultimately, this can add up to hundreds of dollars in savings each year. So you can breathe easier, especially when utility bills come due.

Variable-speed motors can save $150/yr. on cooling plus another $240 in electrical costs for continuous fan operation, compared to conventional blower motor based on average savings calculations at 8c/kwh. Actual savings may vary according to utility rates, climate, ductwork, insulation, duty cycle, and lifestyle usage patterns.



Annual costs based on 36,000 Btu unit, 1500 cooling load hours, and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.

Energy Definitions

SEER—Seasonal Energy Efficiency Ratio
Measures cooling performance on air conditioners, heat pumps and gas/electric package product.

HSPF—Heating Seasonal Performance Factor
It is a measure of the average number of Btu of heat delivered for every Watt-hour of electricity used by the heat pump over the heating season.

As ratings increase, so does unit efficiency.

Helping To Save Mother Earth.

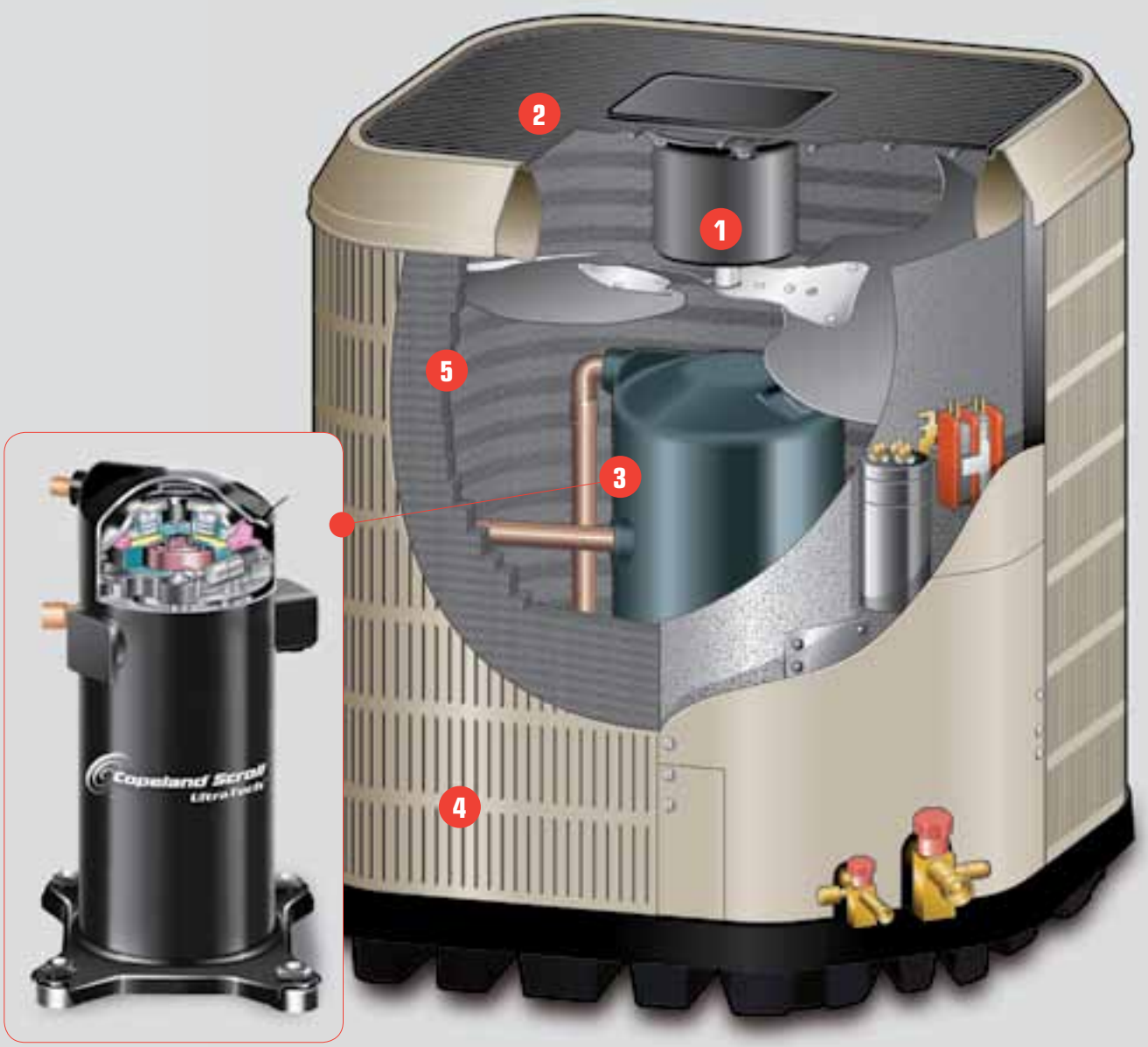
ENERGY STAR PARTNER

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. To qualify, split system air conditioners and heat pumps must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher and an Energy Efficiency Ratio (EER) of 12.5 or higher. Split system heat pumps are also ENERGY STAR® rated by a Heating Seasonal Performance Factor (HSPF) of 8.5 or higher. Ratings 25% more energy efficient than standard models.

ecoLogic®

Tappan Two-Stage, Variable-Speed products are the most energy-efficient, environmentally responsible products.

Taking Tough And Smart To The Nth Degree.



Ultra-High Efficiency Two-Stage Compressor—sets the highest standard for reliable, quiet operation and energy savings

1 Heavy Duty PCS Motor—provides maximum high-speed efficiency for improved air flow capacity Long lasting durability and quiet operation. It is completely protected from rain and snow, and requires no maintenance.

2 One-piece top with integrated fan orifice designed for maximum air flow while minimizing noise

3 Two-stage scroll compressor runs more quietly and efficiently with fewer working parts than reciprocating models for extended trouble-free service life

4 A Tappan Tough™ jacket—full-metal, louvered jacket protects coil from impact of flying debris due to mowing, golf balls, hail and other hazards

B Tappan Tough™ construction—galvanized steel for added strength and durability, featuring silicone-protected 1.5 mil polyester urethane finish that provides superior corrosion resistance, 50% better protection than standard outdoor finishes

5 A Air conditioners feature all-aluminum Anteater MC® Micro-Channel coils for increased corrosion resistance

B On heat pumps the copper tube/aluminum fin coil design maximizes ratio of heat transfer to inner surface area for more efficient, reliable operation

● Liquid line filter dryer—prevents debris and moisture from contaminating refrigerant prolonging life of the system

Tech3 Series up to 16 AC/2-VS

Up to 16 SEER Ultra High Efficiency

Two-Stage Air Conditioner

- Exceptional Warranty—10-year limited warranty on all parts when registered, 10-year Tappan Tough™ Quality Pledge when registered

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

Tech3 Series up to 16/9.0 HP/2-VS

Up to 16 SEER/Up to 9.0 HSPF Ultra High Efficiency

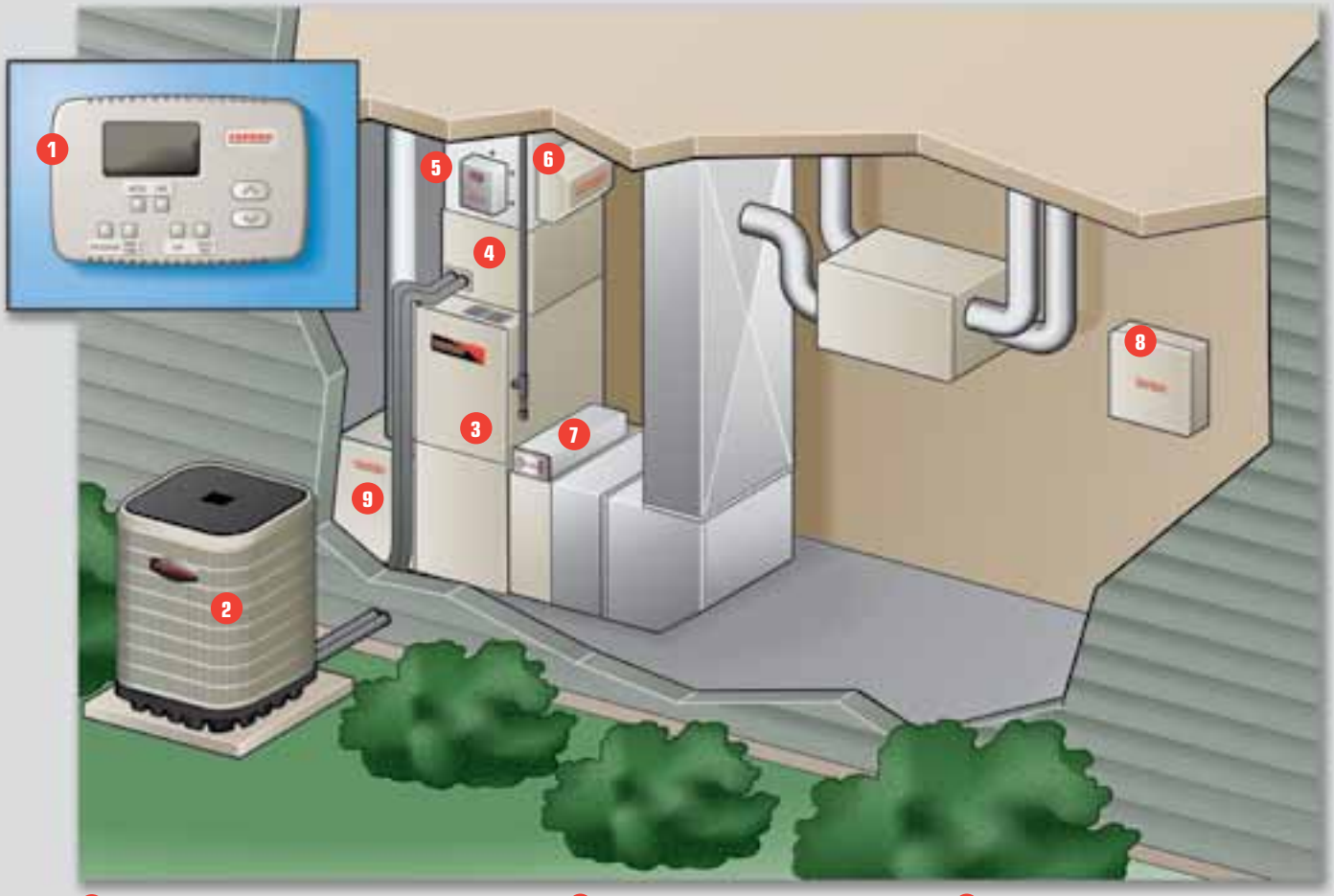
Two-Stage Heat Pump

- Exceptional Warranty—10-year limited warranty on all parts when registered, 10-year Tappan Tough™ Quality Pledge when registered

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

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

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

Certifications

HRAI YOUR ENVIRONMENT. OUR EXPERTISE. MEMBER COMPANY

AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

ENERGY STAR PARTNER

Intertek

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Specifications and illustrations subject to change without incurring obligation.
Pictured installation varies per household.

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