



TECH **2** SERIES

PACKAGED SYSTEMS
Two-Stage,
Variable-Speed
15 SEER, 81% AFUE

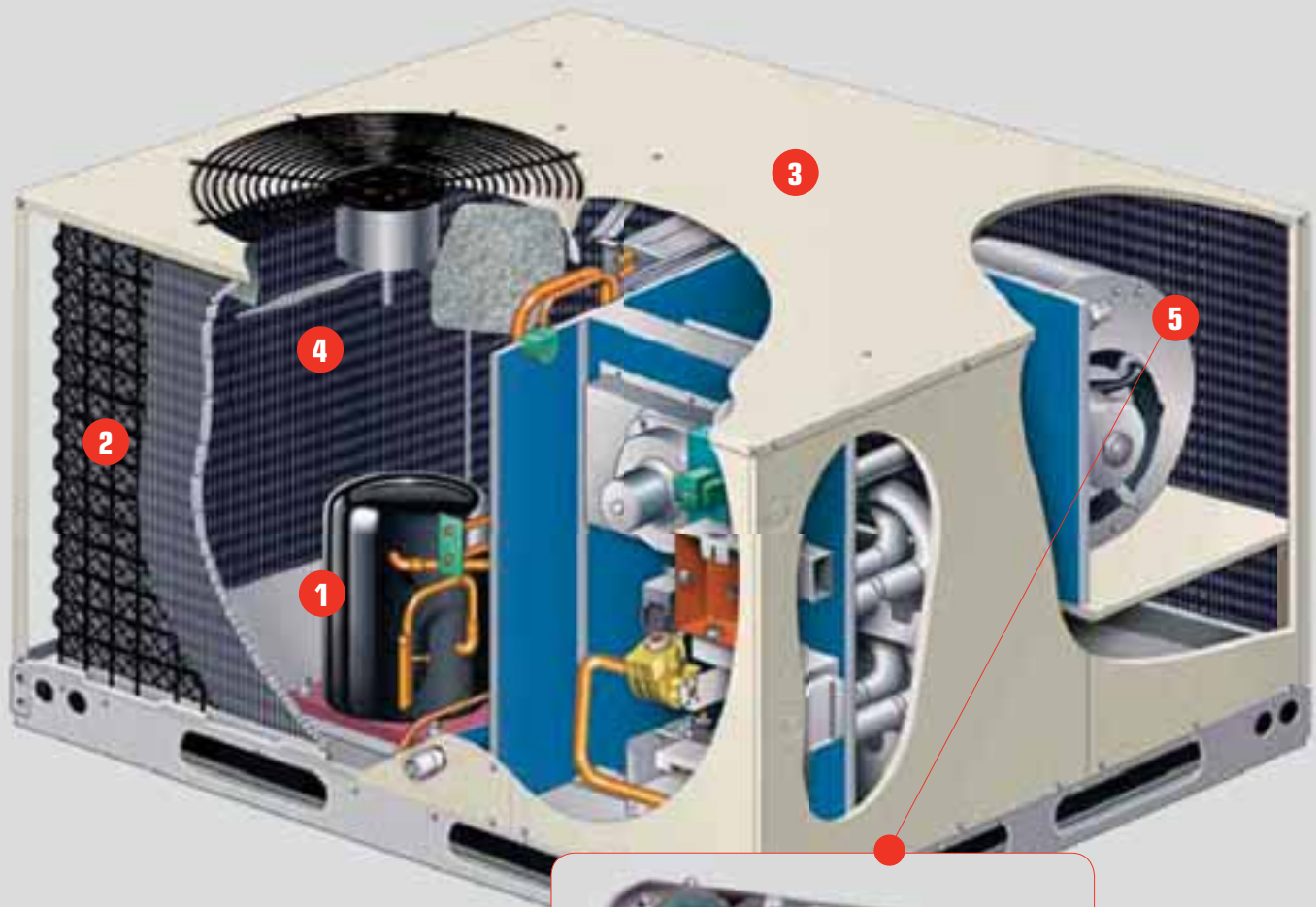


TOUGH.
SMART.
TAPPAN.™



TAPPAN
TAPPAN

Taking Tough And Smart To The Nth Degree.



Gas/Electric Packaged System 15 SEER/81% AFUE with ECM variable-speed technology for more efficient, quiet furnace (gas) and air conditioner (electric) operation

- 1** Scroll compressor—fewer working parts than reciprocating piston compressors for quieter operation, longer service life and reliability
- 2** Wire guard coated with earth-friendly epoxy and mesh hail guard protect against impact of flying debris due to mowing, golf balls, hail and other hazards
- 3** 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

- 4** Enhanced evaporator and condenser coils to better combat corrosion
- 5 A** Variable-speed blower motor with built-in speed and torque controls adjust to meet airflow requirements more efficiently and quietly



ECM variable-speed motor can save \$150/year 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.

- B** Consumes 60-80 watts compared to approximately 400 watts for a conventional blower motor at constant "FAN" thermostat setting (low speed)
- C** Maintains airflow capacity automatically compensating for reduced duct volume, dirty air filters, zoning changes, obstructed supply register, etc.

Two-Stage, Variable-Speed Technology. The Total Package.

Unlike split systems, where heating and cooling units are separated indoors and out, packaged systems perform both functions in a "single package." Depending on structural limitations and available space, packaged systems can be installed on the roof or at ground level. But, all packaged systems are not alike.

A Tech2 Series packaged heating and cooling system with two-stages of heating and cooling and a variable-speed blower motor provides extra efficiency, reliability and comfort. Two-stage heating and cooling operates at lower capacity during mild days, then full capacity during harsher days. Because they ramp down to a reduced capacity, the Tappan packaged systems provide better

comfort and perform quieter than a standard packaged system. Longer cycles improve air circulation, minimizing temperature swings to a couple of degrees, while reducing hot and cold spots.

Employing variable-speed motor technology, the blower motor delivers constant airflow thanks to a programmable electronic controller. It adjusts in real time to meet capacity, automatically compensating for reduced duct volume, dirty air filters, zoning changes, obstructed supply register, etc. So the entire system functions more efficiently for more-even temperatures, better indoor air quality, precise humidity control and reduced energy consumption.

Breathe Easy, Save Big.

Running a packaged system continuously on a thermostat's "fan setting" has obvious benefits. Besides optimizing indoor air comfort, a Tech 2 packaged system uses less electricity over

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

Helping To Save Mother Earth.

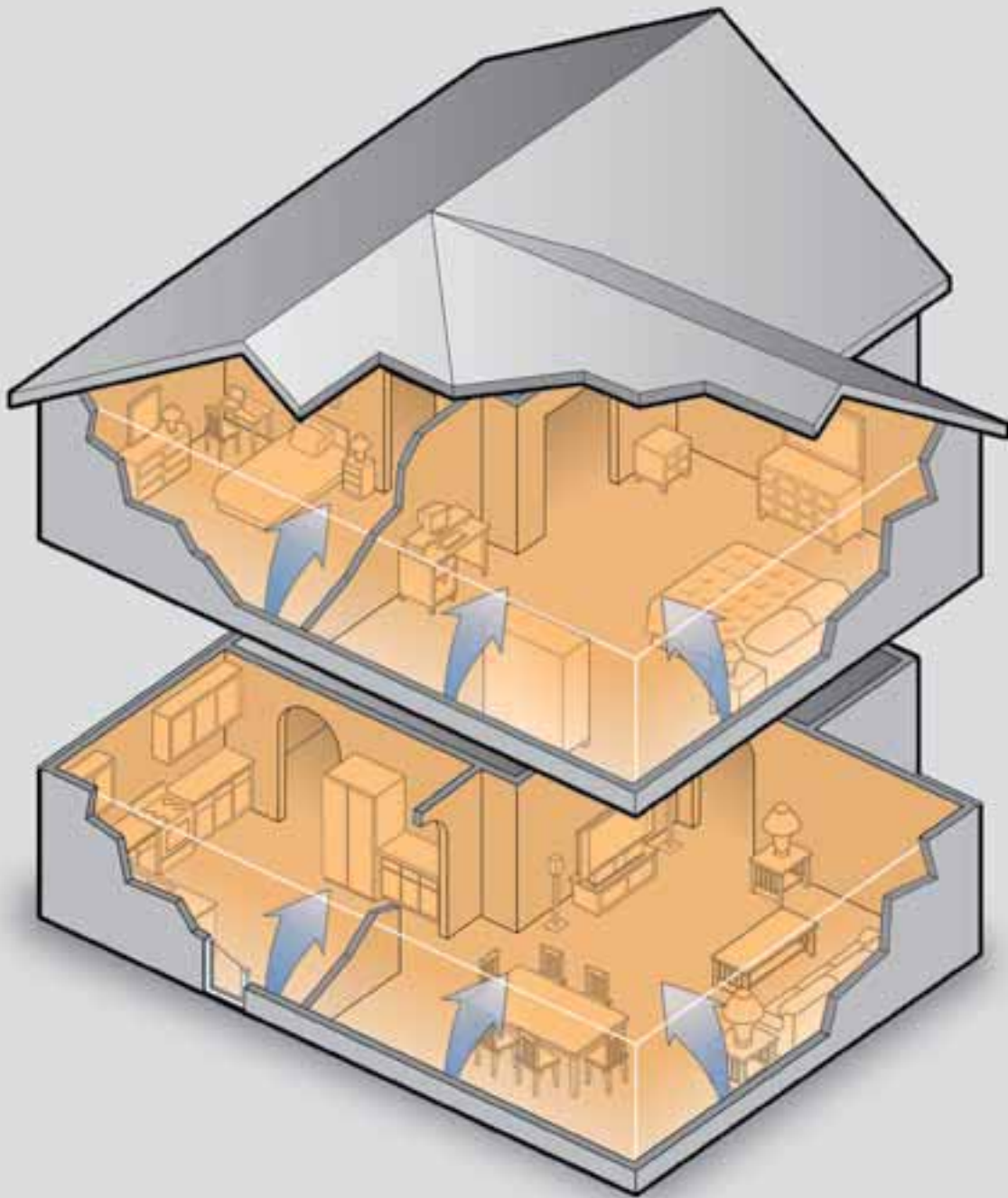


ENERGY STAR® certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, gas/electric packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.0 or higher and an Energy Efficiency Ratio (EER) of 11.0 or higher.

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

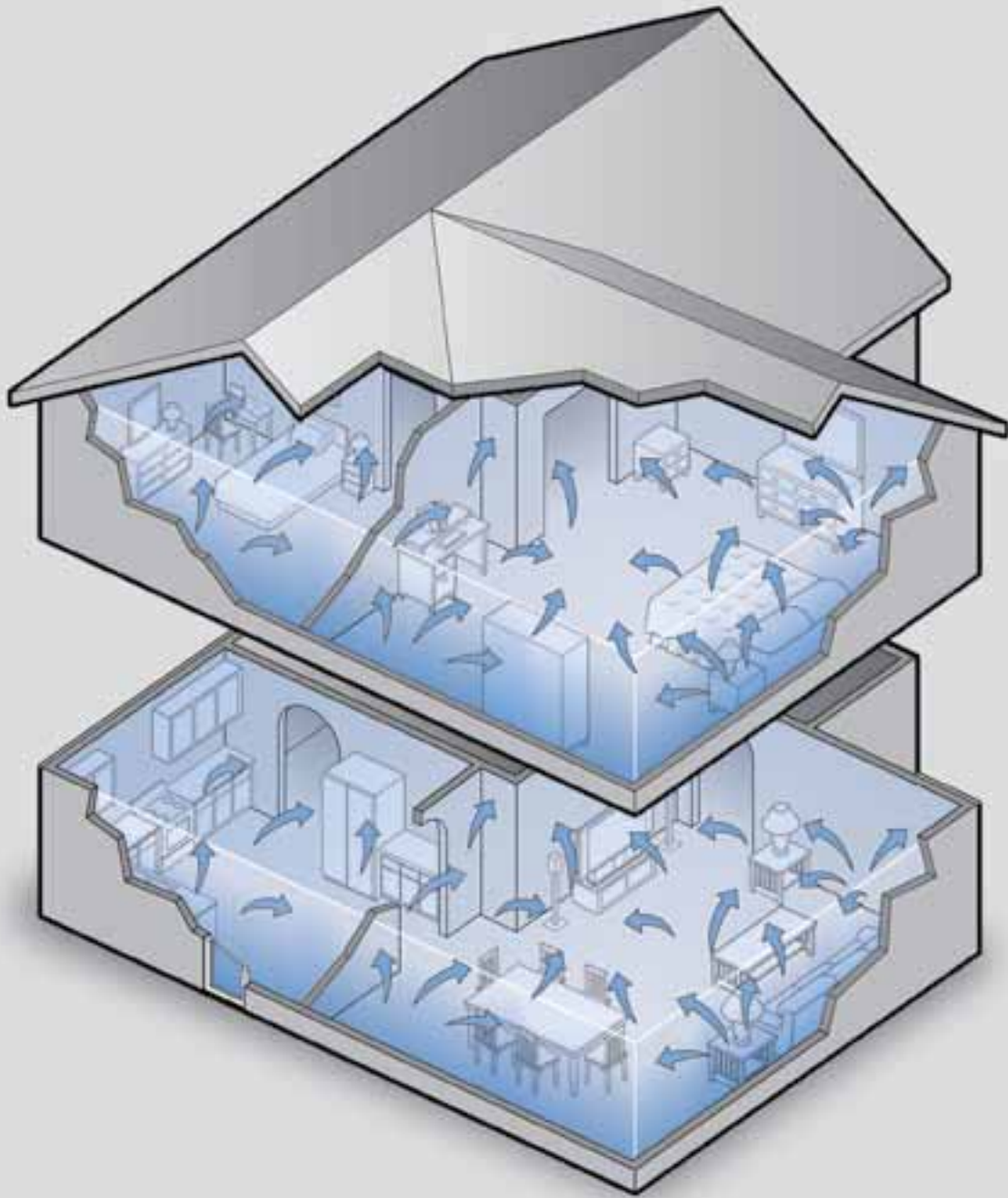


**Conventional Fixed-Speed, Single-Stage Systems
Shut On And Off At Full Output Only.**



- 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, Two-Stage Systems
Run 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

The Tappan Tough™ Quality Pledge.

Because Tappan packaged systems are built-tough for the long run, the most critical components—the heat exchanger and compressor—are backed by the Tappan Tough™ Quality Pledge, registration required. It assures trouble-free performance for the first 10 years.



We'll replace the entire unit if the compressor or heat exchanger fails during that time. 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.

Tech2 Series

15 SEER/81% AFUE Extra High-Efficiency/2-5 Tons



Gas/Electric Packaged System with Variable-Speed Blower

- SmartLite® control board programs igniter to adapt to furnace's heat-up characteristics extending igniter life to more than 20 years in most cases.
- Exceptional Warranty—10-Year Limited Parts Warranty/10-year Tappan Tough Quality Pledge/Limited Lifetime Heat Exchanger Warranty when registered.

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

Built Tank-Tough. In America With Pride.

The Tappan name has always stood for appliances that are tough, and smart. 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 gas/electric packaged systems offer an industry-leading limited all-parts warranty. Without question, one of the best in the business. Even more, they're Tappan smart. Packed with precision-engineered components that deliver extended service life, plus state-of-the-art efficiency and comfort.

Quality. Durability. Value. It's what millions of consumers and contractors have come to expect from Tappan. So no matter how much our product line expands, and technology may change in the future, our reputation will always remain the same: Tough. Smart. Tappan.™

Tough, Because We're Tough On Ourselves.

When you purchase a packaged heating and cooling system from Tappan, you can be confident it's passed the toughest manufacturing standards in the industry: Our own. By the end of the line, each gas/electric packaged system will undergo, on average, 72 inspections.

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.



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, 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.™

Energy Definitions

SEER—Seasonal Energy Efficiency Ratio

Measures cooling performance on air conditioners, heat pumps and gas/electric package product.

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.

TAPPAN
Heating and Cooling Products

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Pictured installation varies per household.

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Certifications

