TECH 3 SERIES

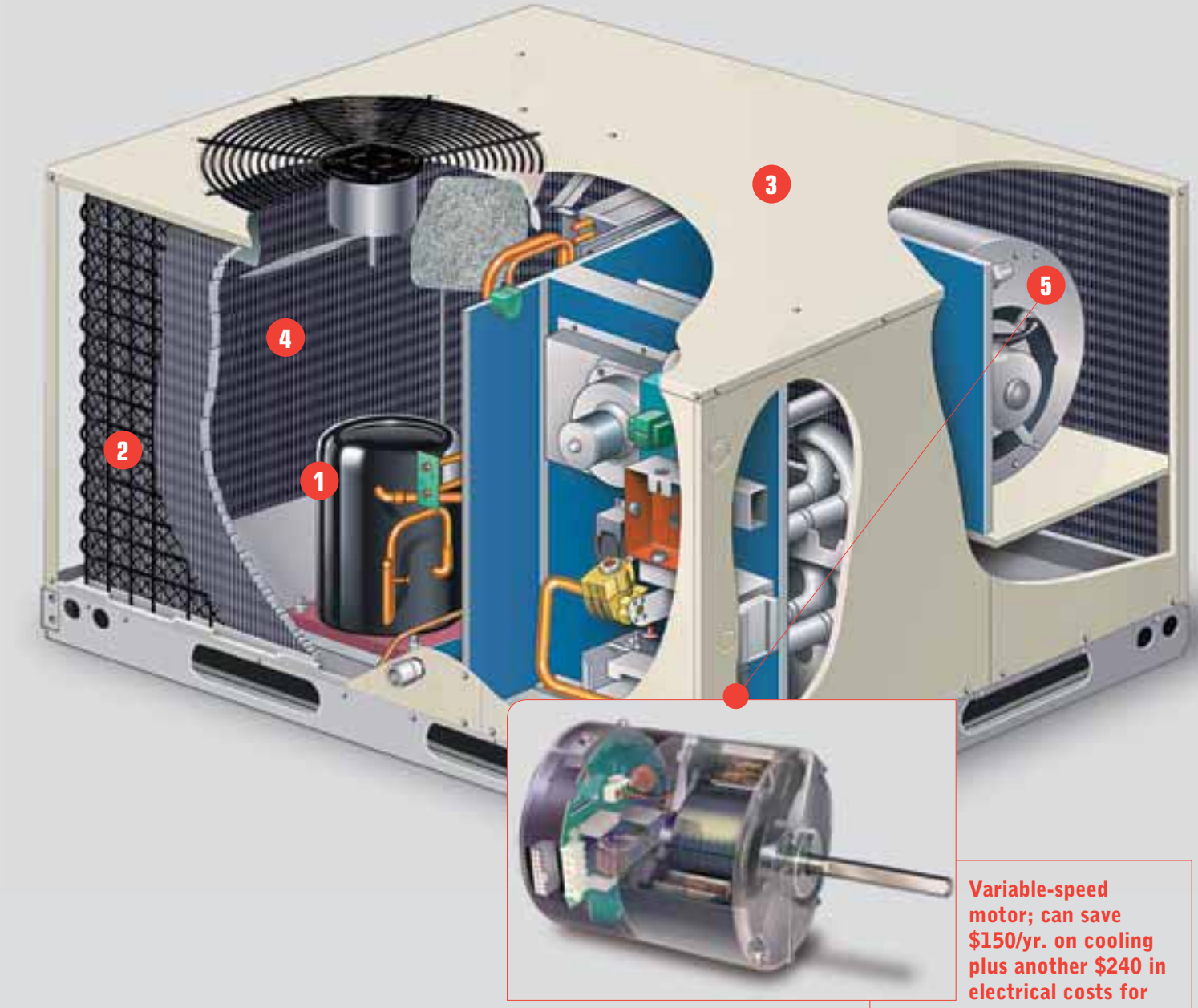
iHYBRID™
PACKAGED SYSTEMS
15 SEER/81% AFUE/
8.0 HSPF

TOUGH.
SMART.
TAPPAN.™

TAPPAN

TAPPAN

Taking Tough And Smart To The Nth Degree.



Variable-speed motor; 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.

iHybrid™ Packaged System 15 SEER/ 81% AFUE/8.0 HSPF with variable-speed blower motor technology for more efficient, quiet furnace (gas) and heat pump (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 coils to better combat corrosion

5 A. Variable-speed motor with built-in speed and torque controls adjust to meet airflow requirements more efficiently and quietly

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.

Multi-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. Still, all packaged systems are not alike.

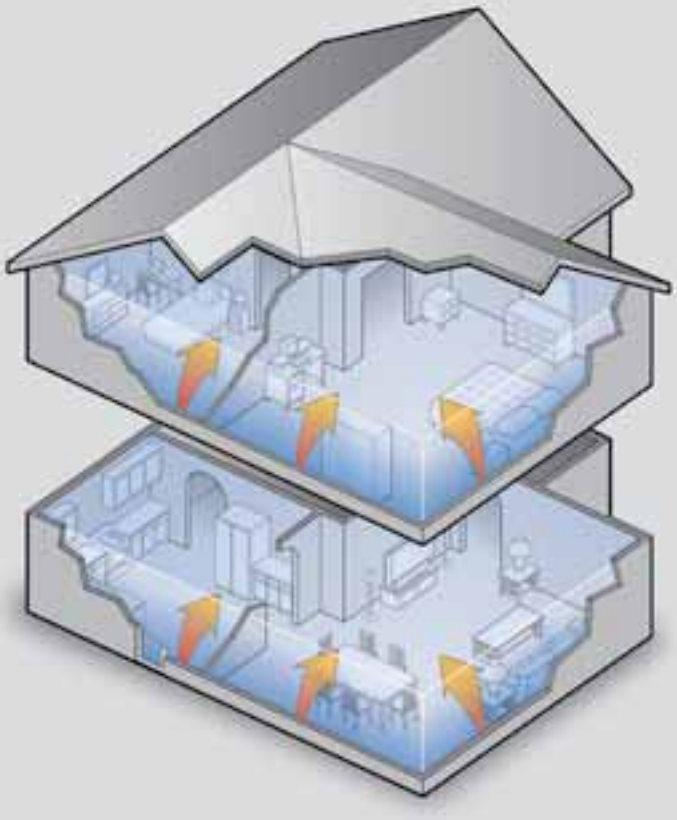
A Tech3 Series packaged heating and cooling system with variable-speed blower provides extra efficiency, reliability and comfort. Two-Stage Heating and Two-Stage Cooling operates at lower capacity during mild days, then full capacity during harsher days. Because they ramp down to a reduced capacity, the Tappan iHybrid 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 blower motor technology, the blower 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.

Energy Efficiency. Smart. Very Smart.

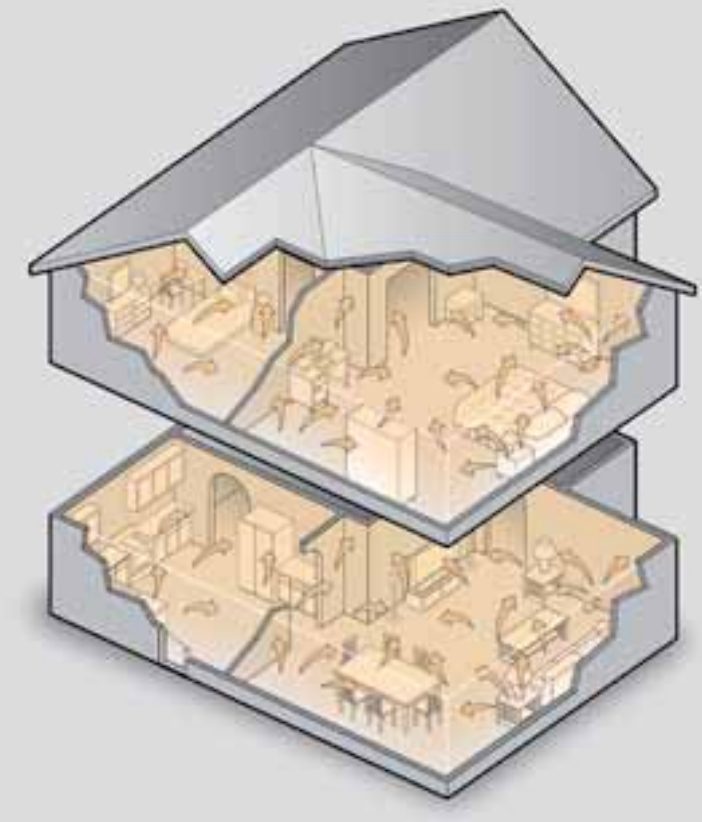
Annual costs based on 36,000 Btu unit, 1500 cooling load hours, and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.

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 can minimize hot and cold spots

Breathe Easy, Save Big.

Running a packaged system continuously on a thermostat's "fan setting" has benefits. Besides optimizing indoor air comfort, a Tech3 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.

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, iHybrid™ packaged systems must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.0 or higher, an Energy Efficiency Ratio (EER) of 11.0 or higher and a Heating Seasonal Performance Factor (HSPF) of 8.0 or higher.

Tappan Multi-Stage, Variable-Speed products are energy-efficient, environmentally responsible products.

Tech3 Series 15 GE

15 SEER/81% AFUE/8.0 HSPF Extra High Efficiency/2-5 Tons*

iHybrid™ Packaged System with Variable-Speed Blower

- The iHybrid system includes both a heat pump that is the primary heating and cooling system and a gas furnace that provides heating when the temperature drops below the heat pump's set point. The two systems share the heating load and each operates when it is the most cost effective.
- SmartLite® control board learns the igniter's heat-up characteristics. It then adapts the ignition time to the packaged system's characteristics, which can extend the life of the igniter to more than 20 years.
- 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.

The Tappan Tough™ Quality Pledge.

Because Tappan's packaged systems are built-tough for the long run, the most critical components—the heat exchanger and/or compressor—are backed by the Tappan Tough™ Quality Pledge, registration required. Simply put, it assures trouble-free performance for the first 10 years. If the compressor or heat exchanger fails, we'll replace the entire unit. 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.

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.

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 81% AFUE rating converts 81% of the fuel that you supply to heat—the other 19% is lost out of the chimney.

As ratings increase, so does unit efficiency.

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 air conditioners and heat pumps offer an industry-leading parts warranty. Without question, 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 air conditioner and heat pump 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.™

TAPPAN
Heating and Cooling Products

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

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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 Residential Furnaces DOE 10 CFR Part 430

ENERGY STAR PARTNER

Intertek

We Encourage Professionalism Through Technician Certification by NATE

USA DESIGNED & ASSEMBLED

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