TECH 3 SERIES™

AIR HANDLERS
R-410A, Variable-Speed

TOUGH.
SMART.
TAPPAN.™

TAPPAN

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, heat pumps and air handlers are backed by an 8-year, all-parts warranty, and up to 10 years on compressors. 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.™

The Tappan Tough™ Quality Pledge.

Because Tappan equipment is built-tough for the long run, the most critical cooling component—the compressor—is backed by the Tappan Tough™ Quality Pledge. Simply put, it assures trouble- free performance for the first five years when installed with Tappan's matched air handler.

Anything less, and we'll replace the entire air conditioner or heat pump. For even greater peace of mind, internal working parts of every Tappan air handler unit are covered by a limited warranty for replacement up to 8 full years.

Taking Tough And Smart To The Nth Degree.

Two-stage, variable-speed ultra high efficiency–16 SEER and 8.5 HSPF ratings possible when matched to select Tappan air conditioners and heat pumps

1 **A** GE ECM™ variable-speed motor adjust to meet airflow requirements more efficiently and quietly

B ECM variable-speed motors can save hundreds of dollars annually compared standard induction motors

C ECM variable-speed motor provides longer, trouble-free operation preventing excessive motor wear caused by abrupt stop/start-up cycles

D Maintains factory-calibrated airflow capacity automatically compensating for reduced duct volume, dirty air filters, zoning changes, obstructed supply register, etc.

E Dehumidification Profile—improves dehumidification during the cooling mode

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

3 Multi-poise—can be used in horizontal, upflow, downflow and vertical applications

4 Engineered for easy-access—minimizes service time

Thermal Expansion Valve (TXV)—factory-installed, externally-equalized, provides precise refrigerant control under varying load conditions

Tappan Air Handlers. The Inside Story.

An outdoor unit is only the half of a split-system. The air handler is the inside half of the system. Working in tandem, outside and inside units must be matched in size and efficiency for best results. Failing to replace an indoor unit, or mismatching components, can significantly undermine a new air conditioner's or heat pump's performance.

An air handler consists basically of a blower, an inside coil, and optional auxiliary electric heating strip. In the cooling mode, as air flows over the indoor coil, heat and humidity are drawn out. It's the air handler's job to then circulate conditioned air throughout the house. Ultimately, performance varies as a result of the blower motor choice.

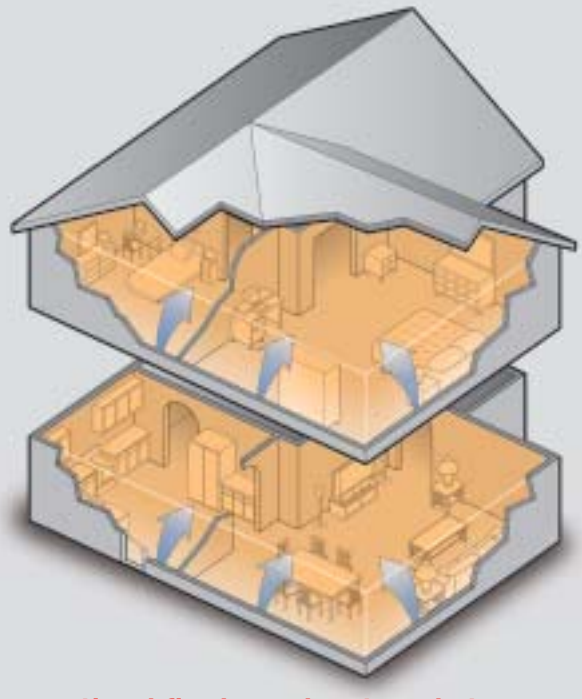
Variable-Speed Technology. The Perfect Match.

Using an advanced variable-speed system, a Tech3 Series air handler provides ultra high efficiency improving ratings to 16 SEER and 8.5 HSPF when matched to select Tappan air conditioners and heat pumps. Patented variable-speed technology, is the most-advanced and efficient blower motor design today. Unlike the abrupt start/stop cycles of conventional induction motors, variable-speed units ramp up to speed gradually to eliminate uncomfortable temperature swings in your home.

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

On mild days, which typically average about 80% of the cooling season, a system that idles down to a reduced-cooling capacity is actually much more efficient, and quiet.

Fixed Speed vs.



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

Tappan's Tech3 Series™ two-stage systems† are built with this purpose in mind. In the first stage, the air handler uses approximately 75% 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 eliminates temperature swings while greatly reducing noise.

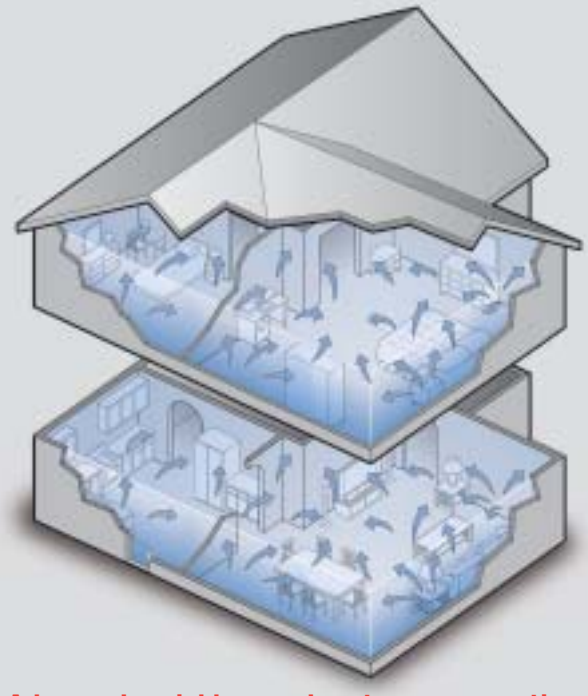
Since air is circulated at longer cycles more continuously, room temperatures are balanced and more comfortably mixed.

Best of all, by reducing energy consumption in the low-speed, a variable-speed air handler can reduce your energy bills by hundreds of dollars each season.

Breathe Easy, Save Big.

Running a cooling system continuously* on a thermostat's "fan setting" has obvious benefits. Besides optimizing indoor comfort, a Tappan Tech3 Series system uses

. Variable Speed



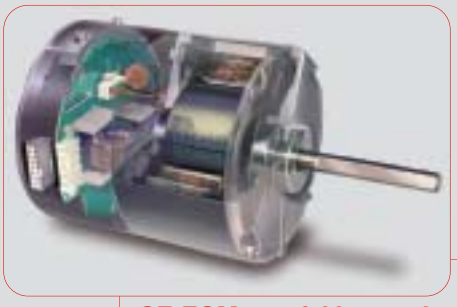
Advanced variable speed system runs continuously adjusting output to match conditions

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

80% less electricity over standard air handlers. Ultimately, this can add up to hundreds of dollars in savings each year. So you can breathe easier, especially when utility bills come due.

†Two-stage system includes Tappan Tech 3 air handler and two-stage air conditioner or heat pump.

*Fan settings during cooling not recommended in humid, coastal areas.



GE ECM™ 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.

Tech3 Series 16/15+ VS-2

16/15+ SEER Ultra High Efficiency

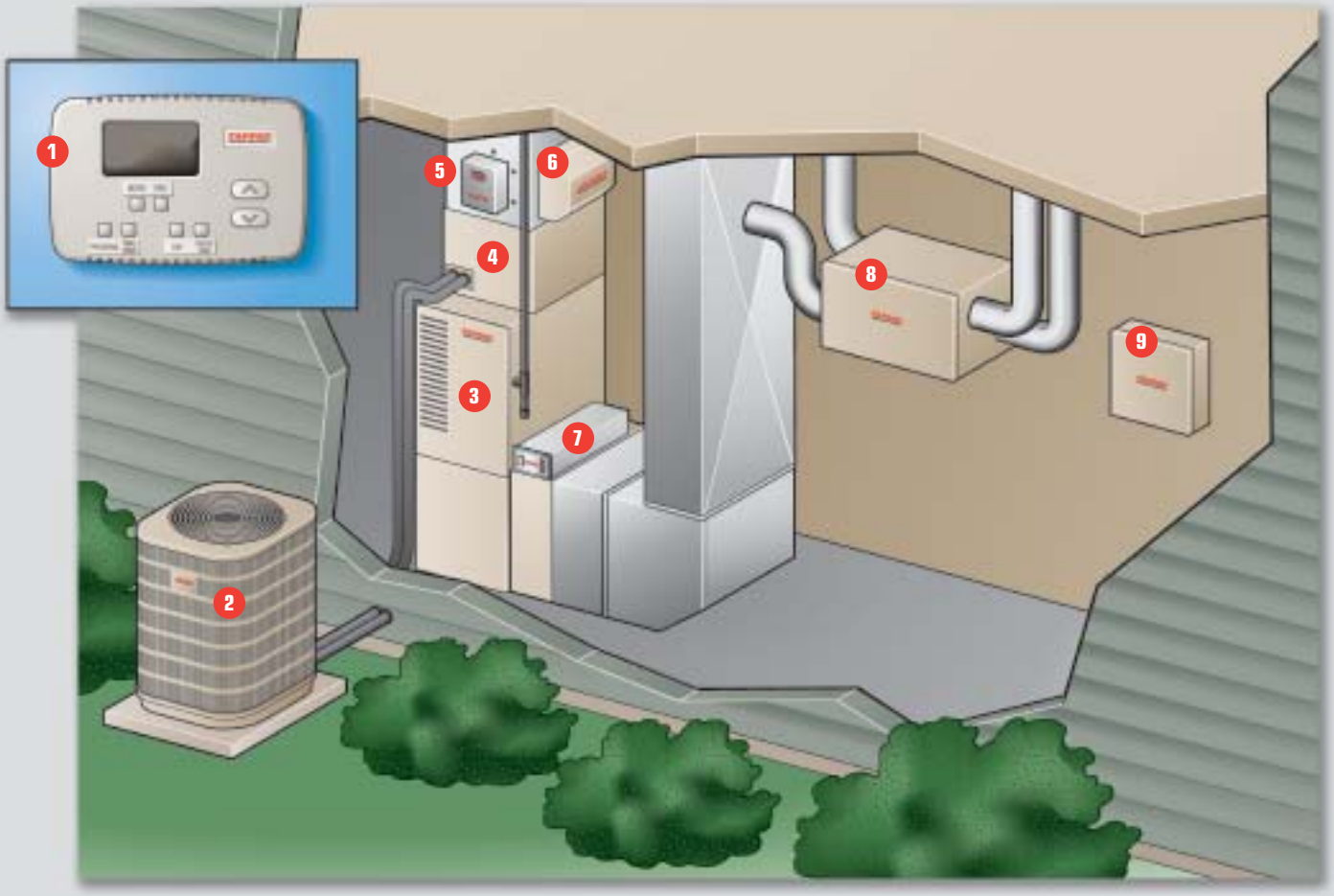
R-410A

R-410A Air Handler with Variable-Speed Blower

- Exceptional Warranty—8-Year Limited Parts Warranty/5-year Tappan Tough™ Quality Pledge/ Extended Warranty Available

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 dealer. 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. Air cleaner
8. Energy recovery ventilator
9. Zone control panel

Energy Definitions

SEER—Seasonal Energy Efficiency Rating
Measures cooling performance on air conditioners and heat pumps. As ratings increase, so does unit efficiency.

Testing Certifications

TAPPAN
Heating and Cooling Products

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