

iSEER®

High-Efficiency  
Furnaces

That Increase  
Cooling Efficiency



TOUGH.  
SMART.  
TAPPAN.™



**TAPPAN**  
TAPPAN

## Tappan heating systems that can actually reduce your cooling costs.

Tappan furnaces with iSEER® technology do more than create a comfortable home. They also reduce your energy bills – on both the heating and cooling side. When matched with a Tappan 13- or 14-SEER outdoor unit, these Tappan furnaces can increase SEER up to one point.

### The importance of SEER.

Seasonal Energy Efficiency Ratio (SEER) is the unit by which air conditioning and heat pump energy efficiency is measured. In the world of cooling, the higher the SEER, the better the efficiency – and the lower your power bill.

### The heart of iSEER is its ultra efficient motor.

Tappan furnaces with iSEER use a brushless DC motor instead of a standard PSC motor. This more efficient motor is combined with advanced programming controls for an incredibly sophisticated design that creates superior home comfort and efficiency.

*Motor comparisons at a glance.*

Standard PSC Motor	Fixed-Speed iSEER Motor	Standard PSC Motor	Variable-Speed iSEER Motor (includes fixed-speed benefits)
Minimal speed ranges.	16 heating speeds and 16 cooling speeds.	Runs at one speed and cycles on and off.	Automatically changes its speed and makes adjustments to maintain constant airflow.
Lower efficiencies.	Highly efficient; can boost outdoor unit SEER by up to one point.  Uses less electricity during heating and cooling cycles than conventional blower motor.	Poor dehumidification.	Helps control humidity levels, and improves dehumidification.
No programmable features.	Can program speeds to match home's unique needs.	Creates hot and cold spots in home.	Helps mix air to reduce hot and cold spots while reducing stagnation.
		Noisy. Runs more often at higher, louder speeds and makes an abrupt change in sound when system cycles on and off.	Quiet. Motor design produces very low torque wave. Motor ramps up to speed, minimizing abrupt sound changes.

### Find the Tappan iSEER furnace that's right for you.

Tappan's iSEER technology is available in multiple configurations – to meet your heating, efficiency and budgetary needs.

- 80% AFUE two-stage, variable & fixed-speed
- 95.1% AFUE two-stage, variable & fixed-speed
- 97+% AFUE modulating



### Choose iSEER for the energy savings. Appreciate it for the comfort.

Perhaps the best reason for choosing a Tappan iSEER furnace is the total home comfort it provides. You can continuously run the highly efficient iSEER fan motor at a lower level for constant airflow – eliminating hot and cold spots in the house as well as stagnant air.

### Fixed-speed versus variable-speed.

**Fixed-speed technology** means that the motor will run at a speed set by the installer. With iSEER technology, your Tappan dealer can choose from 16 heating speeds and 16 cooling speeds, plus additional low-operation speeds, to find the exact right operating speeds for your home.

**Variable-speed technology**, on the other hand, means the system will automatically utilize several different speeds for optimal comfort. For example, a variable-speed furnace can help compensate for a dirty air filter by automatically increasing its speed to maintain airflow. It also ramps up to eliminate the sudden blast of air found in conventional systems, and can enhance comfort and dehumidification to provide healthier indoor air quality.

When you choose a variable-speed model, you get even more comfort features. iSEER helps dehumidify your home to promote healthier indoor air quality.

### Comfort that's tough to beat. That's Tappan.

When a product is truly built to exacting standards of quality and durability, the manufacturer's confidence is reflected in its warranty. Tappan heating and cooling products offer a 10-year limited warranty on all parts when the product is registered. On top of that, you also get the Tappan Tough™ Quality Pledge to replace your entire unit if a major component fails, registration required. Visit [www.Tappan.net](http://www.Tappan.net) to learn more.

**TAPPAN**  
Heating and Cooling Products

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