

**PROVIDING  
COMPLETE  
HOME  
COMFORT.**

**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 Wars I and II.



**The Tappan Tough™ Quality Pledge  
and Warranty.**



In fact, our furnaces, air conditioners and heat pumps offer a 10-year, all-parts limited warranty, and a limited lifetime warranty on heat exchangers when product is registered. Our 10-Year Tappan Tough™ Quality Pledge\* promises that if the compressor or furnace heat exchanger fails in one of our units, we will replace the entire unit with an equivalent Tappan replacement, when registered. Some conditions apply.

Ask your Tappan contractor or visit us at [www.tappan.net](http://www.tappan.net) for warranty details. Registration required.

\* ES/ET models carry a 1-year Comfort Quality Pledge when registered.

## **Tappan delivers top energy efficiency**

Energy efficiency is directly related to a product's rating. The higher the number on the rating, the more efficient the product is, which helps lower your utility bills. Here is how heating or cooling systems are rated for energy consumption.

- Seasonal Energy Efficiency Ratio (SEER) measures cooling efficiency of a complete cooling system.
- Heating Seasonal Performance Factor (HSPF) measures heat pump heating efficiency of a complete system. The cooling portion of a heat pump is measured in SEER, like an air conditioner.
- Annual Fuel Utilization Efficiency (AFUE) measures gas and oil heating efficiency. An AFUE of 90% means that 90% of the fuel is used to heat your home, while the other 10% basically goes unused.

### **Here is additional energy efficiency information to help you choose the right product for your home.**

The current government standard minimum efficiencies are the following:

- 13 SEER for air conditioners (Northern climates only).
- 14 SEER and 8.0 HSPF for heat pumps.
- 78% AFUE for gas/oil heating in the United States; 90% AFUE or higher in Canada.

ENERGY STAR® Ratings beginning January 1, 2009 indicate that these products meet the E.P.A. guidelines for exceptional efficiency:

- 14.5 SEER/12 EER and higher for air conditioners.
- 14.5 SEER/12 EER/8.2 HSPF or higher for heat pumps.
- 14 SEER/11 EER/8.0 HSPF or higher for packaged systems.
- 90% (South), 95% (North) AFUE or higher for gas heating.
- 85% AFUE or higher for oil heating.

When you compare current energy efficiencies with the energy consumption of older products, you'll find:

- Over 90% of homes installing a cooling system between 1992 and 2005 were rated at 10 SEER for cooling. Before 1992, the average was about 6 SEER.
- Heat pump ratings from 1992 to 2005 were at a minimum of 6.8 HSPF. Before 1992, a 5.0 minimum HSPF was required.
- Furnaces installed before 1994 had AFUE acceptable ratings around 60% AFUE range.

**You have several options to consider for the most optimal product type to fit your budget and energy needs, including:**

- **Split System Air Conditioner and Furnace Cooling/Heating System.** As the most common configuration, the cooling system includes the outdoor air conditioner and the indoor coil, which commonly sits on the furnace. The furnace uses natural gas, propane or oil fuel to produce heat during the winter. The furnace blower is used year-round to distribute the air throughout the home.
- **Split System Heat Pump Cooling/Heating System.** This system provides all-electric heating and cooling. The indoor section of the heat pump is an air handler, which is a blower and coil system that distributes the air year-round.
- **Packaged Heating/Cooling Systems.** These systems are self-contained in one outdoor section that includes the blower and coil. There are three types of self-contained systems available – an air conditioner, heat pump or a gas/electric packaged system, which combines gas heat and electric cooling.
- **Hybrid Systems.** For additional energy efficiency, consider a dual-fuel system that uses both electric and gas heat. Dual-fuel systems are typically an outdoor heat pump paired with a gas furnace or an all-in-one package system such as the Tappan iHybrid®.



ecoLogic® is your sign of environmentally friendly, high-efficiency heating and cooling products. Only the most energy-efficient, most environmentally responsible units receive our ecoLogic seal of quality.



iSEER® is built-in technology that can increase cooling efficiency. When paired with a matched standard-efficiency outdoor unit, iSEER two-stage furnaces can increase SEER up to one point. The heart of iSEER is its ultra efficient motor. iSEER furnaces 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.

TECH  
**3**™ SERIES



**The Extreme in**



## **Tappan iQ Drive® Air Conditioner with iQ Drive Fully Modulating Gas Furnace System**

**(iQ Drive modulating furnace available in upflow/horizontal application)**

Tappan's Ultimate Comfort System provides these key benefits:

- Efficiencies: 20-23 SEER Cooling/97+% AFUE Heating Ratings.
- Quiet features include iQ Drive inverter technology, swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace cabinet.
- High-end finish designed to reduce fading, scratching and corrosion.
- Variable-speed provides better humidity control and temperature balance.

**iQ Drive**

**iSEER**

**ecoLogic**

# Total Tappan Comfort

- Programmable Thermostat provides various custom level programming.
- Continues to adjust capacity levels in response to outdoor temperature in summer, and indoor temperatures in the winter. This provides a better overall comfort level while reducing energy use.
- 15% - 100% furnace modulation for precise heating comfort.

## Tappan's Ultimate Comfort System Energy Consumption

When you compare this system with an average system installed between 1990 and 2005, this Ultimate Comfort System is up to:

- More than twice as efficient in cooling.\*
- Up to 62% more efficient in heating.\*

Tappan's Ultimate Comfort System is also available in these options:

- 20-25.5 SEER iQ Drive® Air Conditioner/Air Handler System.
- 20-23 SEER iQ Drive Air Conditioner/80% AFUE Two-Stage, Variable-Speed Gas Furnace System for warm climates that do not need extra high-efficiency gas heating. Upflow/Horizontal and downflow applications available.
- 20-23 SEER iQ Drive Air Conditioner/95.1% AFUE Two-Stage, Variable-Speed Gas Furnace System for cooler climates that need extra high-efficiency gas heating. Upflow/Horizontal and downflow applications available.
- 20 SEER/81% AFUE iQ Drive Gas/Electric Packaged System for areas of the country that have a single packaged system sitting outside the home.  
(industry leading)



\* Savings calculated against 10 SEER cooling/60% AFUE heating



TECH  
**3**<sup>TM</sup> SERIES



**The Extreme in**



## **Tappan iQ Drive® Heat Pump with Air Handler System**

Tappan's Ultimate Comfort System provides these key benefits:

- Efficiencies: 18-22 SEER/up to 10.0 HSPF Heat Pump/Air Handler Ratings.
- Quiet features include iQ Drive inverter technology, swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated air handler cabinet.
- High-end finish designed to reduce fading, scratching and corrosion.
- Variable-speed provides better humidity control and temperature balance.

iQ Drive

ecoLogic





# Total Tappan Comfort

- Programmable Thermostat provides various custom level programming.
- Continues to adjust capacity levels in response to outdoor temperature in summer, and indoor temperatures in the winter. This provides a better overall comfort level while reducing energy use.

## Tappan's Ultimate Comfort System Energy Consumption

When you compare this system with an average system installed between 1990 and 2005, this Ultimate Comfort System is up to:

- More than twice as efficient in cooling.\*
- Up to 62% more efficient in heating.\*

Tappan's Ultimate Comfort System is also available in these options:

- 18-20 SEER/up to 10.0 HSPF iQ Drive® Heat Pump/ 97+% AFUE iQ Drive Fully Modulating Gas Furnace System for the best in dual-fuel efficiency.
- 18-20 SEER/up to 10.0 HSPF iQ Drive Heat Pump/80% AFUE Two-Stage, Variable-Speed Gas Furnace System for warm climates that do not need extra high-efficiency gas heating. Upflow/Horizontal and downflow applications available.
- 18-20 SEER/up to 10.0 HSPF iQ Drive Heat Pump/95.1% AFUE Two-Stage, Variable-Speed Gas Furnace System for cooler climates that need extra high-efficiency gas heating. Upflow/Horizontal and downflow applications available.

\* Savings calculated against 10 SEER cooling/6.2 HSPF heating



TECH  
**3**™ SERIES



**Rock-Solid Total**



**Tappan up to 16 SEER  
Split System Air Conditioner and  
95.1% AFUE Two-Stage, Variable-  
Speed Gas Furnace System**

Tappan's Best Comfort System provides these key benefits:

- Efficiencies: Up to 16 SEER Cooling/95.1% AFUE Heating Ratings.
- Quiet features include swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace cabinet.
- High-end finish designed to reduce fading, scratching and corrosion.
- Variable-speed provides better humidity control and temperature balance.
- Overall, reduces hot and cold spots.
- Operates at lower cooling capacity during milder days for better comfort.
- Programmable thermostat provides various custom level programming and service diagnostics.

ISEER

ecoLogic



# Tappan Comfort

## Tappan's Best Comfort System Energy Consumption

When you compare this system with an average system installed between 1990 and 2005, this Best Comfort System is up to:

- Up to 60% more efficient in cooling.\*
- Up to 58% more efficient in heating.\*

Tappan's Best Comfort System is also available in these options:

- Up to 16 SEER Two-Stage Air Conditioner System with 80% AFUE Variable-Speed Gas Furnaces.
- Up to 16 SEER/9.0 HSPF Two-Stage, Variable-Speed Heat Pump System.
- 15 SEER/8.0 HSPF Two-Stage, Variable-Speed Packaged Heat Pump and 15 SEER/81% AFUE Two-Stage, Variable-Speed Gas/Electric Packaged Systems.
- 15 SEER/81% AFUE/8.0 HSPF Two-Stage, Variable-Speed iHybrid™ Dual-Fuel Heat Pump/Gas Furnace System.
- 14 SEER/95% AFUE Two-Stage Heat, Variable-Speed (one of a kind) Blower Gas/Electric Packaged System.



\* Savings calculated against 10 SEER cooling/60% AFUE heating



TECH  
**2**™  
SERIES

**Rugged  
Total Tappan  
Comfort**

## **Tappan up to 15 SEER Variable-Speed Heat Pump System**

Tappan's Good Comfort System provides these key benefits:

- Efficiencies: Up to 15 SEER Cooling/8.5 HSPF Heating Ratings.
- Quiet features include swept-wing fan blades and sound-absorbing base.
- High-end finish designed to reduce fading, scratching and corrosion.
- Variable-speed provides better humidity control and temperature balance.

### **Tappan's Good Comfort System Energy Consumption**

When you compare this system with an average system installed between 1990 and 2005, this Good Comfort System is up to:

- Up to 50% more efficient in cooling.\*
- Up to 45% more efficient in heating.\*

Tappan's Good Comfort System is also available in these options:

- Up to 15 SEER Air Conditioner and Air Handler with an energy-efficient motor or Variable-Speed Gas Furnaces/Coils.
- Up to 15 SEER/8.5 HSPF Heat Pump and Air Handler with an energy-efficient motor.
- 14 SEER Packaged Systems.



\* Savings calculated against 10 SEER cooling/6.2 HSPF heating



TECH  
1™ SERIES



**Heavy-Duty  
Total Tappan  
Comfort**

## **Tappan up to 14 SEER Split System Air Conditioner and 80% AFUE Two-Stage Gas Furnace System**

Tappan's Basic Comfort System provides these key benefits:

- Efficiencies: Up to 14 SEER Cooling/80% AFUE Heating Ratings.
- Quiet features include swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace cabinet.
- High-end finish designed to reduce fading, scratching and corrosion.
- Operates at lower heating capacity during milder days for better comfort.
- Furnace features SmartLite® Technology for increased life in igniter start-up.

### **Tappan's Basic Comfort System Energy Consumption**

When you compare this system with an average system installed between 1990 and 2005, this Basic Comfort System is up to:

- Up to 40% more efficient in cooling.\*
- Up to 33% more efficient in heating.\*

Tappan's Basic Comfort System is also available in these options:

- Up to 14 SEER Air Conditioner (available in Northern climates only) with 80% AFUE Two-Stage Gas Furnace.
- Up to 14 SEER Air Conditioner (available in Northern climates only) and Air Handler with an energy-efficient motor.
- 14 SEER Packaged Systems.



\* Savings calculated against 10 SEER cooling/  
60% AFUE heating

**iSEER**

**10 YEAR  
WARRANTY**

## Custom Comfort Solutions for Almost Any System



- 1 Air conditioner or heat pump
- 2 HEPA air cleaner
- 3 Gas furnace or air handler
- 4 Electronic air cleaner
- 5 Evaporator coil
- 6 Ultraviolet air purifier

- 7 Humidifier
- 8 Zone control panel
- 9 Programmable thermostat  
or  
iQ Zone™ (works exclusively  
with iQ Drive® Systems)



If you've got a problem, Tappan has a variety of solutions. Just combine the following features and accessories with any Tappan system to create the toughest, most durable Complete Comfort System.

## Custom Comfort Solutions

**Problem:** Furniture, doors and drywall cracking. Extremely dry skin.

**Solution: Whole-Home Bypass Humidifier** has a flow-through design to regulate indoor moisture levels throughout the home.

**Whole-Home Power Humidifier** features a built-in fan to regulate indoor moisture levels for better air quality and comfort.

Both solutions can be installed with any Tappan split system products. But for dry winters, a heating system featuring variable-speed is recommended for better air mixing and/or a programmable thermostat with humidity-control features.



Bypass Humidifier



Power Humidifier

**Problem:** Excess moisture inside home during summer and/or winter months.

**Solution: Ultraviolet Air Purifier** destroys microbial growth to improve system efficiency.

These solutions can be installed with any of our heating and cooling systems, but, for extremely humid areas, a cooling system featuring variable-speed or iQ Drive® is recommended.



Ultraviolet Air Purifier



**Problem:** Excess dust, pollen and other indoor allergens.

**Solution:** **1-Inch Electronic Air Filter** stops dust, pollen and other small particles as small as .001 micron.

**Media Air Filter** removes better than 95% allergens down to 0.3 micron.

**Ultraviolet Air Purifier** eliminates dust, mold and other contaminants distributed through ventilation.

These solutions can be installed with any of our split system products, but, for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.



1-Inch Electronic Air Filter



Media Air Filter



Ultraviolet Air Purifier

**Problem:** Odors caused by smoking, cooking, pets, etc.

**Solution:** **1-Inch Electronic Air Filter** collects smoke, pet dander and other particles as small as .001 micron.

**Electronic Air Cleaner** removes better than 99.7% allergens down to .01 micron.

**Ultraviolet Air Purifier** purifies the air by eliminating mold, bacteria, viruses and other contaminants.

These solutions can be installed with any of our split system products, but, for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.



1-Inch Electronic Air Filter



Electronic Air Cleaner



Ultraviolet Air Purifier

## Custom Comfort Solutions

**Problem:** Occupants with severe allergies or respiratory problems.

**Solution:** **1-Inch Electronic Air Filter** removes pollen, spores and other small particles as small as .001 micron.

**Electronic Air Cleaner** gets better than 99.7% allergens down to .01 micron.

**Ultraviolet Air Purifier** kills mold, bacteria, viruses and other contaminants distributed through ventilation.

**HEPA (High Efficiency Particulate Air) Cleaner** removes better than 99.7% allergens down to 0.3 micron, plus can provide up to 67 daily air changes.

Using a combination of these products provides the best solution to improving indoor comfort for occupants suffering from allergies. These solutions can be installed with any of our split system products, but, for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.



Electronic Air Cleaner



HEPA Air Cleaner

**Problem:** One or more rooms that are too hot or too cold.

Rooms are hotter or colder usually because of the room location. For example, a family room sitting in the southern part of the home may never seem cool enough during the hot summer. Adjusting the thermostat to get the cool temperatures in the family room results in the other rooms becoming too cold.

**Solution:** When it comes to comfort, it makes good sense that you should be able to control a single room without impacting the rest of the home.

These types of room temperature variances can be resolved with the Tappan Zoning System. Instead of trying to heat or cool an entire house with one thermostat, living spaces are essentially divided into separate comfort zones. Either room-by-room, or by a group of rooms, each zone is monitored by its own thermostat to dictate the ideal temperature.



Zone Control Panel



iQ Zone™ works exclusively with iQ Drive® systems



Programmable Thermostats

# TAPPAN

Heating and Cooling Products

[www.tappan.net](http://www.tappan.net)

For more information, contact us, your Tappan contractor:



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