



TECH **SERIES**  
**2-3**™

AIR CONDITIONERS/  
HEAT PUMPS  
14 - 16 SEER



TOUGH.  
SMART.  
TAPPAN.™

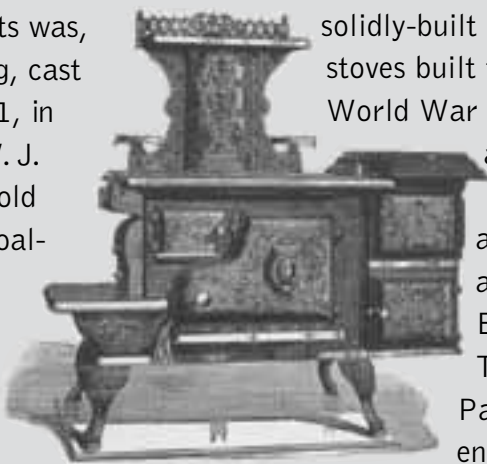


**TAPPAN**  
TAPPAN

## Built Tank-Tough.

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 War I and II. In fact, our air conditioners and heat pumps offer an industry-leading all-parts warranty. Even more, they're Tappan smart. Packed with precision-engineered components that deliver extended service life, plus state-of-the-art efficiency and comfort.

## Tough, Because We're Tough On Ourselves.

When you purchase a Tappan air conditioner or heat pump, you can be confident it's passed the toughest manufacturing standards in the industry: Our own. By the end of

the line, each piece of equipment will under-go, on average, 144 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.



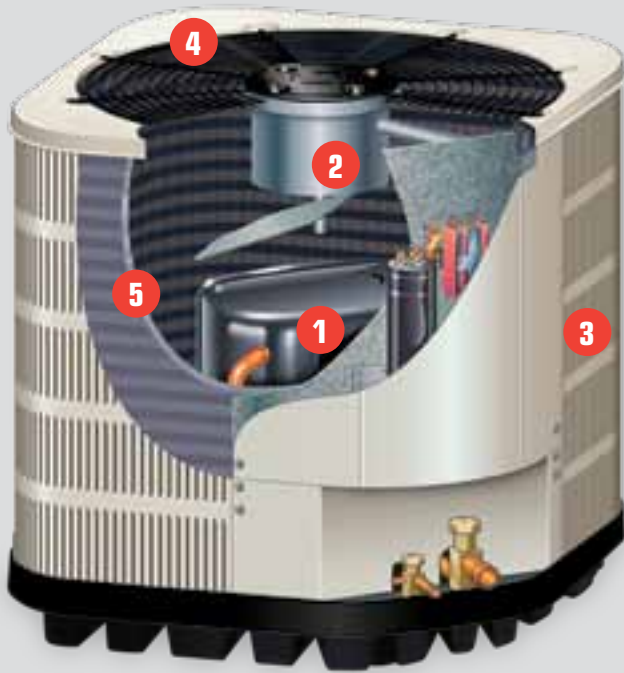
## The Tappan Tough™ Quality Pledge.

Because Tappan air conditioners and heat pumps are built-tough for the long run, the most critical component—the compressor—is backed by our Tappan Tough™ Quality Pledge, registration required. When installed with a matched Tappan indoor coil or air handler, we'll replace your Tappan air conditioner



or heat pump should the compressor fail during the first year of ownership. 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.

## Taking Tough And Smart To The Nth Degree.



- 1** Scroll compressor for quieter operation—fewer working parts than reciprocating piston compressors, longer service life and reliability. Up to 16 SEER heat pumps feature a two-stage scroll compressor. Two-stage technology allows your heat pump to operate at the most efficient level for total indoor comfort regardless of the outside temperature.
- 2** Heavy duty motor - provides maximum high-speed efficiency for improved air flow capacity long-lasting durability and quiet operation. It is completely protected from rain and snow, and requires no maintenance.
- 3** **A** Tappan Tough™ jacket—full-metal, louvered jacket protects coil from impact of flying debris due to mowing, golf balls, hail and other hazards.  
**B** 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.
- 4** One-piece top with integrated fan orifice designed for maximum air flow and minimum noise.
- 5** **A** All air conditioner and up to 15 SEER heat pump models feature all-aluminum Micro-Channel coils for increased corrosion resistance.  
**B** On heat pumps the copper tube/aluminum fin coil design maximizes ratio of heat transfer to inner surface area for more efficient, reliable operation.



**Tech2 Series up to 15 AC/HP**  
**Up to 15 SEER/8.5 HSPF High Efficiency**  
**Single-Stage Air Conditioner and Heat Pump**

**Tech3 Series up to 16 AC**  
**Up to 16 SEER Extra High Efficiency**  
**Single-Stage Air Conditioner**

**Tech3 Series up to 16 HP**  
**Up to 16 SEER, 9.0 HSPF Extra High Efficiency**  
**Two-Stage Heat Pump**



- When a 14 SEER outdoor section is installed with an indoor section featuring a variable-speed blower motor, you can increase the efficiency levels up to 15 SEER.
- Exceptional Warranty—10-year limited warranty on all parts when registered, 1-year Tappan Tough™ Quality Pledge.\*

Ask your Tappan contractor or go to [www.tappan.net](http://www.tappan.net) for warranty details.

\*Registration required.

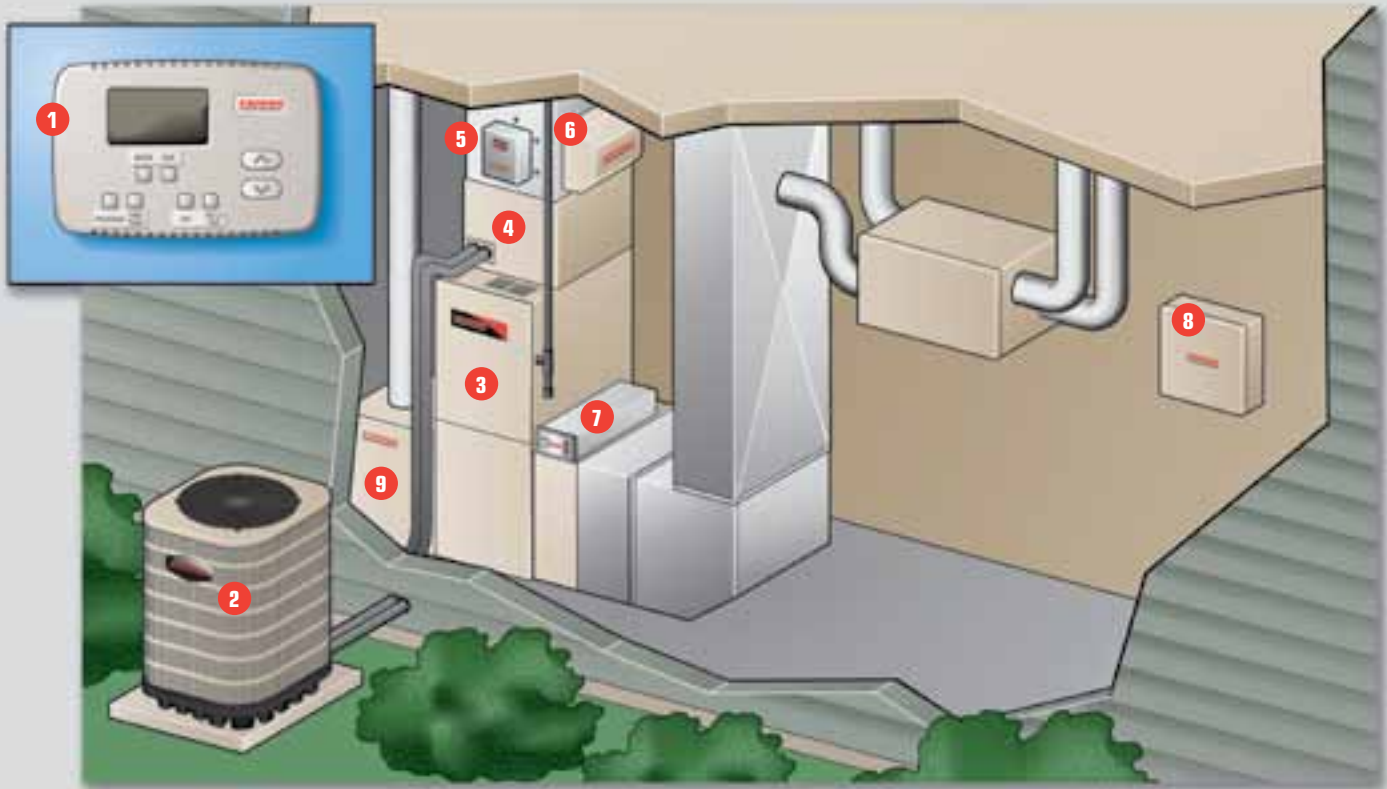


ENERGY STAR® certification is awarded by the U.S. Department of Energy and the Environmental Protection Agency for helping to conserve energy, promote cleaner air, and prevent global warming. To qualify, split system air conditioners and heat pumps must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.5 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Heat pumps are also rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.



## 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, 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      | 4 Evaporator coil | 7 Electronic air cleaner |
| 2 Air conditioner or heat pump | 5 UV air purifier | 8 Zone control panel     |
| 3 Gas furnace or air handler   | 6 Humidifier      | 9 HEPA air cleaner       |

### Energy Definitions

#### SEER—Seasonal Energy Efficiency Rating

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.

As ratings increase, so does unit efficiency.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

### 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.



**TAPPAN**  
Heating and Cooling Products

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### Certifications

