

TECH 1™ SERIES

PACKAGED SYSTEMS
13 SEER



TOUGH.
SMART.
TAPPAN™



TAPPAN

Taking Tough And Smart To The Nth Degree.



1 A Fixed-speed direct-drive motor provides higher torque and operating speeds for improved air flow capacity

B Smoother motor operation reduces noise and lowers winding temperatures that help to extend bearing-life of the motor

C Efficiently reduces electricity consumption for blower operation compared to standard, shaded pole induction motors

2 A Tappan Tough Coat™ protection—1.5 mil silicone-polyurethane finish provides superior corrosion resistance

B 950-hr. salt-spray rated finish, 50% better protection than standard outdoor finishes

C Tappan Tough™ cabinet—galvanized steel for added strength and durability

3 Plastic-coated coil guard and mesh hail guard protect against impact of flying debris due to mowing, golf balls, hail and other hazards

4 Copper tube/aluminum fin coil design maximizes ratio of heat transfer to inner surface area for more efficient, reliable operation

● Tappan's Easy-Access™ cost-conscious engineering reduces service time to maintain electrical and refrigerant components

● Corrosion-resistant drain pan (not shown)

● SmartLite® control board programs igniter to adapt to furnace's heat-up characteristics extending service life to more than 20 years

Packaged Systems Maximize Living Space.

Split systems separate heating and cooling components inside and outside the house. Either with a furnace and coil (inside) and air conditioner (outside). Or, an air handler (inside) and heat pump (outside). Packaged systems, however, perform both heating and cooling functions in a "single outside package" freeing up maximum living space inside. Depending on structural limitations and available space, packaged systems can be installed on the roof, in an attic, or at ground level on a slab.

The choice in a packaged unit will either be a heat pump, an air conditioner, or a combination furnace and air conditioner called a gas/electric packaged unit. Or "gas pack" for short. Typically, in milder climates, heat pumps will suffice to perform double duty. Even if temperatures are near freezing, they can extract heat from outside air, then transfer it inside to become a highly energy-efficient heat source. Similarly, by reversing the flow of refrigerant with a switchover valve, a heat pump can also extract heat from the inside, then transfer it outside to cool the house.

In the case of a packaged air conditioner, it provides cooling—and warmth if need be—supplied by a 20KW heating strip. Where climates require more heating

capacity, a combination air conditioner (electricity) and furnace (gas) packaged unit, "gas pack," delivers improved energy efficiency. Whatever your individual need for space and comfort might be, your Tappan dealer can recommend the packaged system that's right for you.

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.

Tech1 Series 13 GE 13 SEER/80% AFUE High Efficiency



Gas & Electric Packaged Air Conditioner and Furnace

- Scroll Compressor—standard on all 13 SEER models, fewer working parts than reciprocating piston compressors for quieter operation, longer service life and reliability
- Environmentally friendly R-410A refrigerant is non-ozone depleting
- Exceptional Warranty—10-Year Limited Parts Warranty/10-year Tappan Tough Quality Pledge/Limited Lifetime Warranty on the Heat Exchanger

Ask your Tappan dealer or go to www.tappan.net for warranty details.

Tech1 Series 13 AC & HP
13 SEER High Efficiency



Packaged 13 SEER Air Conditioner & Heat Pump

- Environmentally friendly R-410A refrigerant is non-ozone depleting
- Exceptional Warranty—10-Year Limited Parts Warranty/10-year Tappan Tough Quality Pledge

Ask your Tappan dealer or go to www.tappan.net for warranty details.

Tech1 Series 13 AC & HP
13 SEER High Efficiency



Packaged 13 SEER Air Conditioner & Heat Pump

- Exceptional Warranty—10-Year Limited Parts Warranty/10-year Tappan Tough Quality Pledge

Ask your Tappan dealer or go to www.tappan.net for warranty details.

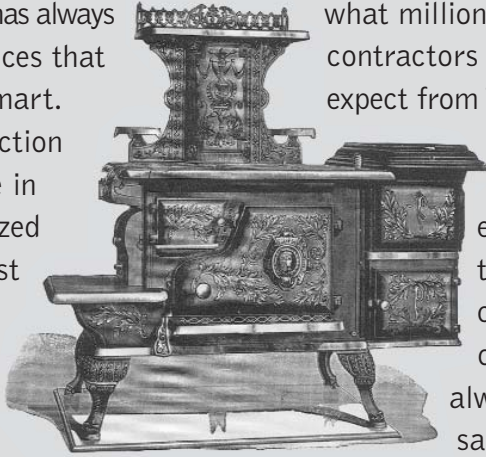
Built Tank-Tough In America With Pride.

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.



The Tappan Tough™ Quality Pledge.

Because Tappan's packaged units 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. Simply put, it assures trouble-free performance for the first 10 years.



Anything less, and 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.

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, 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.™

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.

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 80% AFUE rating converts 80% of the fuel that you supply to heat—the other 20% is lost out of the chimney.

As ratings increase, so does unit efficiency.

TAPPAN
Heating and Cooling Products

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Testing Certifications



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Specifications and illustrations subject
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Pictured installation varies per household.