

TECH
3TM SERIES

AIR HANDLERS
Variable-Speed

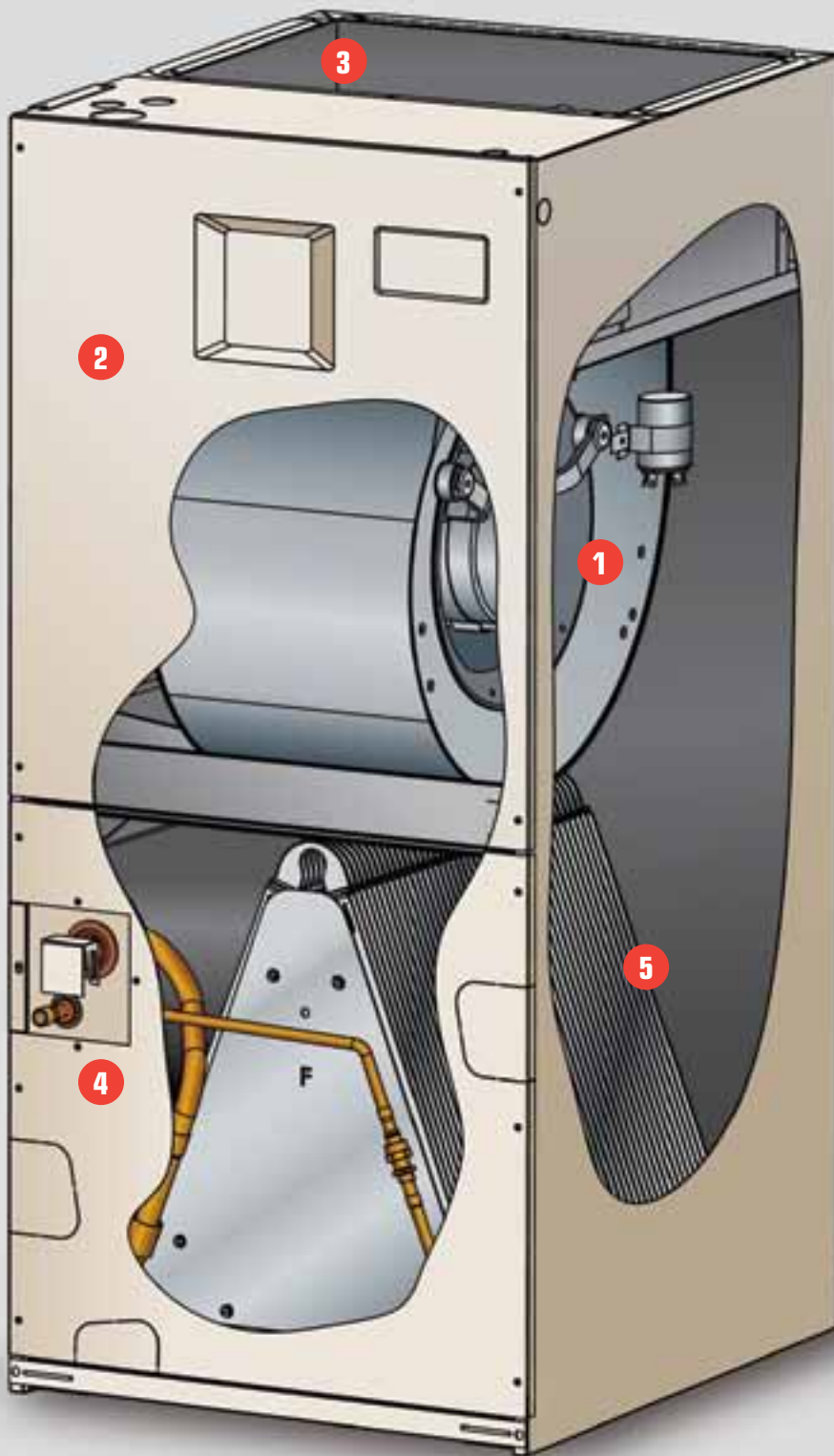


TOUGH.
SMART.
TAPPAN.TM



TAPPAN
TAPPAN

Taking Tough And Smart To The Nth Degree.



- 1 A** 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
- 5** Anteater® coils—resist formicary corrosion 50 times better than traditional copper tube-in-fin coils.
- 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.

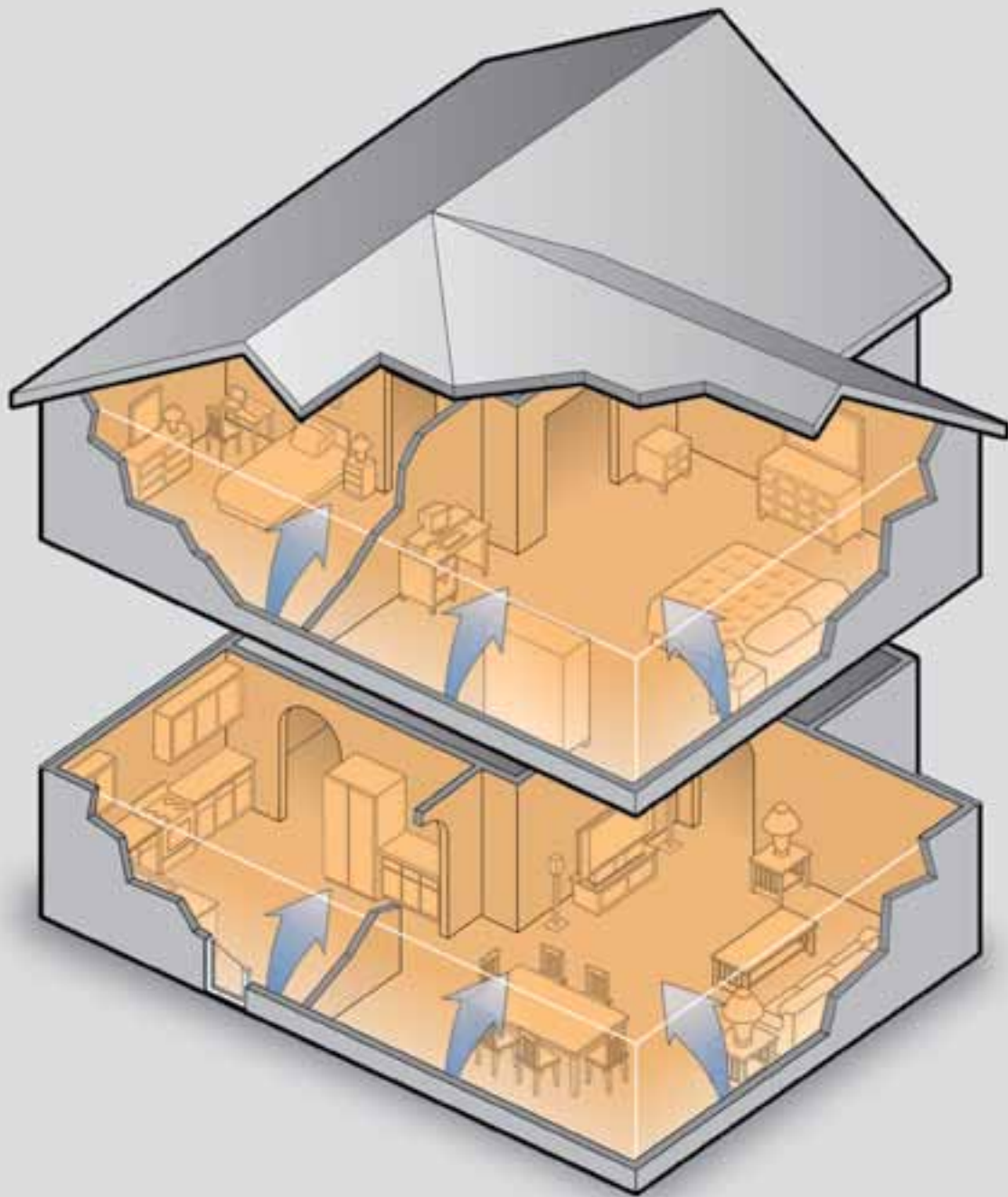
Variable-Speed Technology.

The Perfect Match.

Using an advanced variable-speed system, a Tech3 Series air handler provides ultra high efficiency improving ratings 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.

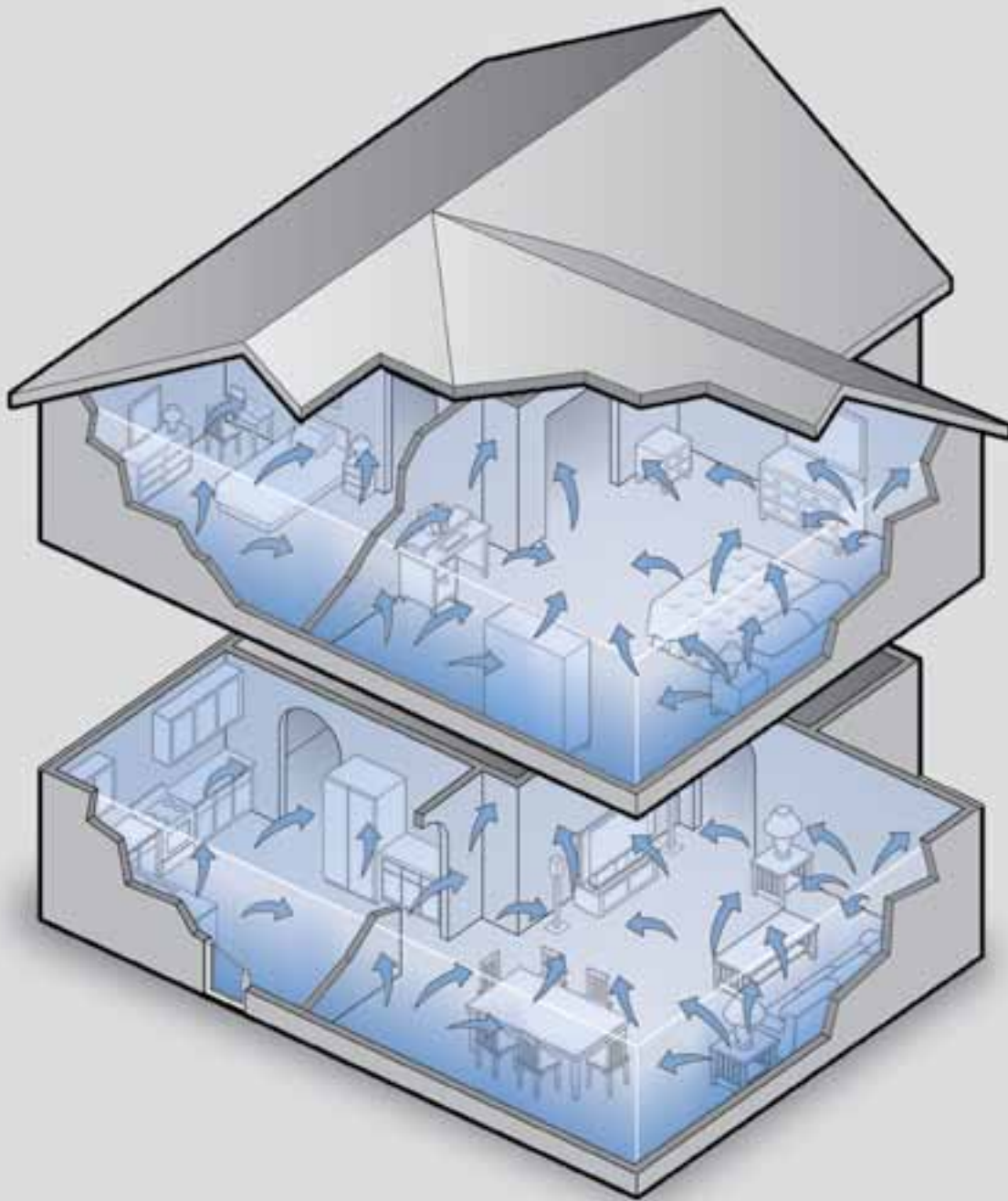


**Conventional Fixed-Speed Systems
Shut On And Off At Full Output Only.**



- Uses more energy
- Creates uncomfortable temperature swings
- Produces hot and cold spots
- More contaminants in air due to less filtration
- Reduced humidity control

**Advanced Variable-Speed Systems
Run Continuously Adjusting Output To Match Conditions.**



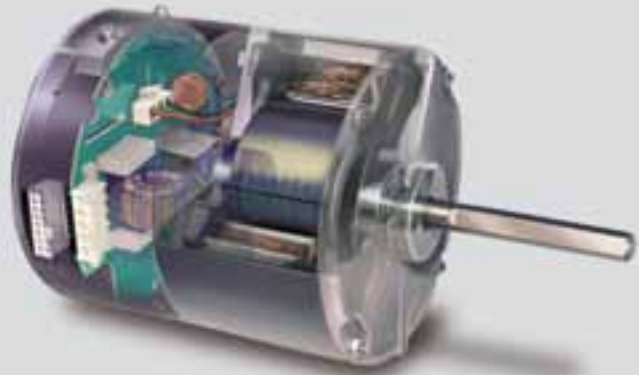
- Uses less energy
- Ramps up gently eliminating uncomfortable temperature swings
- Eliminates noisy on/off cycles
- Continuous air flow improves filtration and humidity control
- Balances temperatures and minimizes hot and cold spots



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 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.

*Ask your contractor if fan settings are recommended in your area.



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 8¢/kwh. Actual savings may vary according to utility rates, climate, ductwork, insulation, duty cycle, and lifestyle usage patterns.

Tech3 Series VS-2 **Ultra High Efficiency**



Air Handler with Variable-Speed Blower

- Exceptional Warranty—when installed with a matched Tappan outdoor unit Tappan air handlers will carry the outdoor system warranty - a 10-year limited warranty on parts, registration required

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

Built Tank-Tough.

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, all-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.™



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, registration required.

Simply put, it assures trouble-free performance for the first 10 years when installed with Tappan's matched air

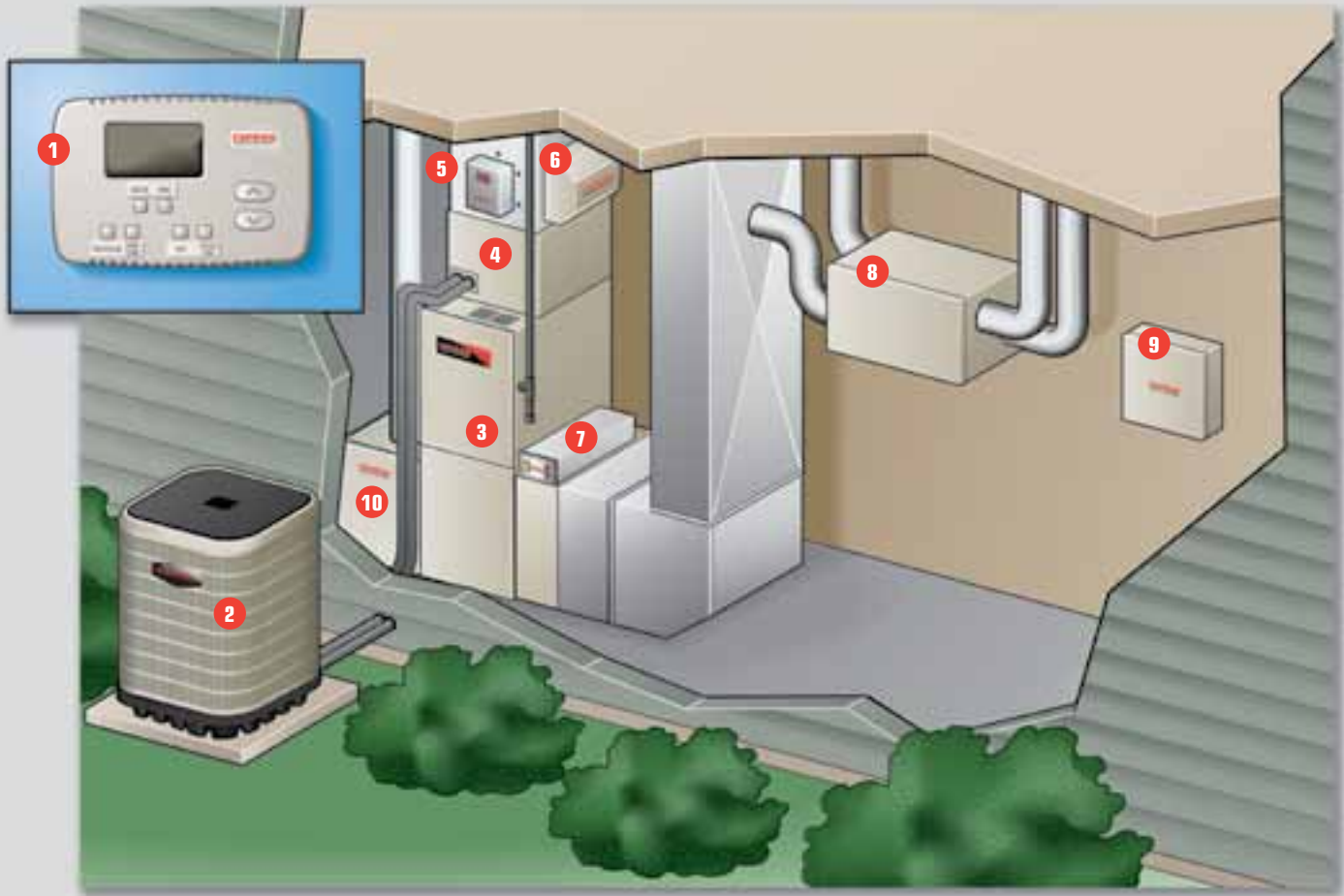


handler. Anything less, and we'll replace the entire air conditioner or heat pump. Air handlers carry a 5-year limited all parts warranty and when installed with a matched registered outdoor unit, will carry the outdoor system warranty - a 10-year

limited warranty on parts.

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 | 5 UV air purifier | 8 Energy recovery ventilator |
| 2 Air conditioner or heat pump | 6 Humidifier | 9 Zone control panel |
| 3 Gas furnace or air handler | 7 Electronic air cleaner | 10 HEPA air cleaner |
| 4 Evaporator coil | | |

TAPPAN
Heating and Cooling Products

Energy Definitions

SEER—Seasonal Energy Efficiency Rating

Measures cooling performance on air conditioners and heat pumps. As ratings increase, so does unit efficiency.

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Certifications



PUBLICATION SERIAL #732B-0414
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Pictured installation varies per household.

Printed in U.S.A.