

## Air Conditioners and Air Handlers



### 1. Air Conditioner

Basically an air conditioner works like this: Connected to the inside cooling coil, the compressor pumps refrigerant back and forth, extracting heat and moisture from the indoors. It transfers the heat to the outdoors. Warm indoor air is blown over the inside coil, then is cooled and distributed throughout your home. Today, the federal government requires that all new models have a minimum SEER rating of 13. Trane's full line of air conditioners range in efficiency from 13 to 19.50 SEER. Trane's 19.50 SEER air conditioner actually has two compressors for two-stage air conditioning, giving it the ability to regulate your home's indoor environment, regardless of whether it's a moderately warm day or the hottest day of summer.

### 2. Air Handler

Matched in size and efficiency rating with the heat pump, air handlers circulate conditioned air throughout your home. An air handler contains an inside coil and a blower fan, with the additional possibility of an auxiliary electric strip heater. Trane air handlers are available with single or variable-speed motors. Variable-speed models are known for soft starts, high humidity control features and 12 selectable levels of airflow capacity, as well as the enhanced comfort mode, the Comfort-R™ airflow system.

### 3. Air Cleaner

An air cleaner is an integral part of a home comfort system, filtering dust and pollutants out of the air you breathe, and keeping your rugs and home furnishings cleaner, as well. Reduced pollen, dust, pet dander, smoke, etc. could help reduce allergy and asthma discomfort. A TRANE CleanEffects™ air filtration system is up to 99.98% effective, and is also proven to remove more than 99% of the common flu virus from your home's filtered air.

### 4. Thermostat

The control center for your home comfort system. Trane's digital, programmable Comfort Controls give you precise temperature control and allow you to program your heating and air conditioning requirements depending upon your activities and schedule.