



The revolutionary technology of the Trane XC95m provides more efficient, consistent and precise heat for the ultimate in comfort control.

TRANE XC95m MODULATING FURNACE

What is a modulating furnace?

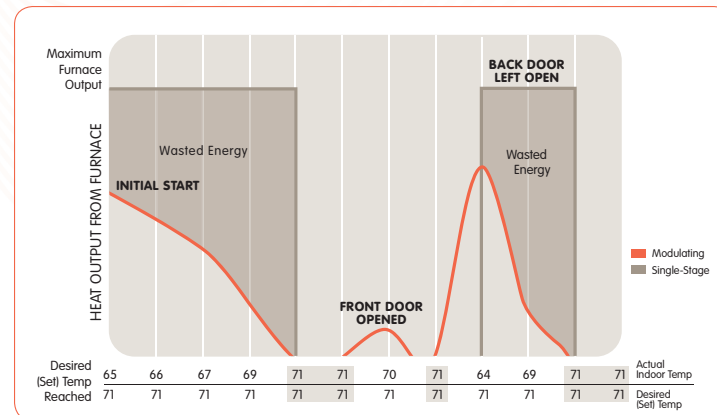
A modulating furnace is a new approach to heating your home that allows more efficient use of fuel, and more consistent comfort.

Furnaces of the past used a fuel valve that was either completely open or completely closed, like a light switch. But the Trane XC95m is the first furnace on the market to use a fully modulating gas valve, which can open to any level between 40% and 100%, making it work more like a dimmer switch.

Why is a modulating furnace better?

In a conventional furnace the heat is either all the way on, or all the way off. This type of system is wasteful, because the furnace must heat the home to a warmer temperature than the set point, turn off, wait for the home to cool, then start the process all over again.

The fully modulating feature of the Trane XC95m takes a different approach. At the beginning of the heat cycle, the furnace increases its heat output to get your home to the preset temperature quickly. Then, as the day goes on, the furnace decreases its heat output until it is only generating the small amount of heat needed to keep your home at the desired temperature.



At the start of the heating cycle, the XC95m gathers data from the thermostat to determine the temperature of the home, and how much heat will be needed to reach that temperature. It then provides enough heat to bring the temperature up to the set point quickly. As the temperature in the home approaches the set point, the XC95m slowly lowers its heat output until the furnace is only using enough fuel to maintain the proper temperature.



The fully modulating gas valve of the Trane XC95m can open to any level between 40% and 100%, making it operate like a dimmer switch.

Compared to a conventional furnace, the Trane XC95m modulating furnace is more adaptable to changing conditions in your home. For example, if a door is momentarily opened, letting cold air in, the furnace generates more heat to compensate, and then lowers its heat output once the home is back to the desired temperature.

What are the benefits of the Trane XC95m modulating furnace?

- ≡ Automatically adjusts heat output to meet varying indoor conditions, like a door opening or a window left open.
- ≡ Unlike conventional systems, the XC95m doesn't waste fuel by overshooting the preset temperature and allowing the house to cool.
- ≡ The XC95m's real-time modulation provides optimum heat faster than time- or history-based modulation.

Set the temperature, and let the Trane XC95m keep it right where you want it.

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It's Hard To Stop A Trane®