# 33-inch Modulating Gas Furnaces 80% and Up to 98% AFUE Models





## Heating Performance That Hits Your Comfort Level.

Your home can experience drastic temperature fluctuations. The Fraser-Johnston<sup>®</sup> modulating gas furnace better matches your comfort level by varying the heating rate continuously and precisely. Understanding the differences between furnace types will help you choose what's most comfortable for you and your family.



Ideal 72° Thermostat Setting Temperature Fluctuations

The Fraser-Johnston modulating gas furnace has been designed to maintain your ideal temperature by modulating heating level in .50 or .65% increments. You'll feel a difference with our precision temperature control feature, and benefit from better energy efficiency and quieter operation.



Ideal 72° Thermostat Setting Temperature Fluctuations

Two-stage gas furnaces offer an intermediate level

of performance. Operation varies between first and second stage based on demand. However, indoor temperature levels still fluctuate, relative to your thermostat setting.



Ideal 72° Thermostat Setting Temperature Fluctuations

Traditional single-stage gas furnaces operate much like a light bulb-either on or off. This can create wide and uncomfortable temperature fluctuations in your home.



80% AFUE MODEL FURNACE WARRANTY





A System That's Built to Last.

to a 5-year limited parts warranty).

Fraser-Johnston backs every system with one of the

industry's best limited warranties. Every 80% and

up to 98% AFUE model gas furnace is backed with a lifetime limited warranty on the heat exchanger.

Both come with a 10-year limited warranty on parts (must be registered online within 90 days of installation-otherwise the parts warranty reverts

Model	Nominal CFM (x100)	MBH Input (x100)	Width* (inches)	%AFUE
UP TO 98% HIGH-EFFICIENCY VARIABLE SPEED FURNACES				
TP9C060B12MP11A	12	60	17-1/2	97.5
TP9C080B12MP11A	12	80	17-1/2	97.5
TP9C080C16MP11A	16	80	21	97.7
TP9C100C16MP11A	16	100	21	97.7
TP9C100C20MP11A	20	100	21	97.7
TP9C120D20MP11A	20	120	24-1/2	98
80% MID-EFFICIENCY VARIABLE SPEED FURNACES**				
TPLC060A12MP11A	12	60	14-1/2	80
TPLC080B12MP11A	12	80	17-1/2	80
TPLC080C16MP11A	16	80	21	80
TPLC100C16MP11A	16	100	21	80
TPLC100C20MP11A	20	100	21	80
TPLC120C20MP11A	20	120	21	80

TPLC120C20MP11A 20

\*All units measure 33" high, 29-1/2" deep. \*\*Models are LoNox compliant.



97.5-98% AFUE models meet ENERGY STAR® requirements for energy efficiency.

ENERGUIDE					
Annual Fuel Utilizati	Annual Fuel Utilization Efficiency AFUE				
80.0%	98.0%				
MID 78% 82%	HIGH 88% 97%				
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#### Improved Performance Costs Less.

Fraser-Johnston modulating units can reduce energy costs nearly 40% compared to furnaces that are 20 years old. And, with up to a 98% Annual Fuel Utilization Efficiency (AFUE) rating on our high-efficiency models, they have earned one of the highest ratings in the industry. You will also enjoy peace of mind knowing that your furnace is ENERGY STAR\* qualified as one of the most energy-efficient furnaces you can buy!

### Greater Care For Your Indoor Air.

Variable-speed models feature an ECM fan motor option which circulates air for longer periods at

a fraction of the cost. Longer run times mean fewer hot and cold spots and longer periods of air filtering, resulting in cleaner and more comfortable air. Plus, fewer starts and stops make variablespeed models 24 times less noisy than conventional furnaces.





#### **Extended Warranty**

Ask your dealer about our extended protection plan. You can have complete peace of mind-with total parts-and-labor coverage on your system.



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