

The Best Way to Size Your Furnace – Using Previous Heating History Including Water Heater

Fuel Type	Fuel Oil	Propane	Natural Gas	Electricity	Wood†
Units	gallons	gallons	cubic feet, therms	kilowatts	cords
Units per Month					
Multiplier	x 1.18	x 0.78	x 0.0087/cu.ft x 0.87/therm	x 0.037	x 150
Sizing Value					

If you have New, Well-Insulated Buildings⁺⁺

New well-insulated buildings with R28 walls, R40 ceilings, insulated basement walls. Normal sizing allows for one picture window and one patio door. Calculation does not allow for extremely large glass or air exchange heat losses. Buildings that are not well insulated are not applicable in this calculation. Use previous heating history to determine sizing.

We recommend you complete a heat loss estimate (e.g., Hydronics Institute - form 1504WH).

Total sq. ft.	
Multiplier	x 0.06
Total Sizing Value	

†Full cords of medium to high-quality wood.

††Improperly insulated radiant slab heating can dramatically affect sizing requirements and heat load.

Be sure to consult your dealer when sizing. Previous heating efficiencies and heat loss need to be considered when sizing a furnace. This is only a guideline.

This sizing worksheet calculation estimates the existing fossil fuel (heating oil, propane, natural gas) heating equipment performing at 75% efficiency.

Total Sizing Value

Compare your **Total Sizing Value** to the **Suggested Sizing Range** for the listed models.

Furnace Suggested Sizing Range

Classic Edge 360, CL 4030	0-170
Classic Edge 560, CL 5036	0-395
Classic Edge 760, CL 6048	250-710
Classic Edge 960, CL 7260, Pallet Burner	500-1800

Factors that affect your fuel burn rate

Lower Fuel Consumption

Decreased heat loss

- Well insulated building(s)
- Minimal cold air infiltration
- Warmer temperature
- Using seasoned wood with moisture content of less than 25%

Increased heat loss

- Poorly insulated building(s)
- Cold air infiltration
- Colder temperature
- Using wood with high moisture

Higher Fuel Consumption