



## Selecting a Furnace

In determining a furnace that is right for your needs you will need to determine the direction in which the heated air flows or is discharged from the furnace. It will either be an Upflow, Downflow, or Horizontal position. These furnaces have a multi-positional design and can be installed in a Upflow, Downflow, or Horizontal application with minimal conversion.

## Selecting the Furnace Type

The furnace type is determined by the fuel source that runs or operates the furnace. Hamilton offers Natural Gas with optional LP Gas (Propane) conversion kit, or Electric. If choosing Natural Gas or LP, choose from 80% up to 96% efficiencies.

## Estimating the Furnace Size

Refer to an estimate or proposal from a local contractor, the size of your existing system that you may want replaced, or use the sizing estimation charts provided in this catalog.

Use the map at lower right to determine your **Region** based on the location of your home. Using the equipment charts below, find your **Region** and go down the column to locate the range that covers the **Square Footage** of your home. Follow the row to the right to determine the recommended furnace for your application.

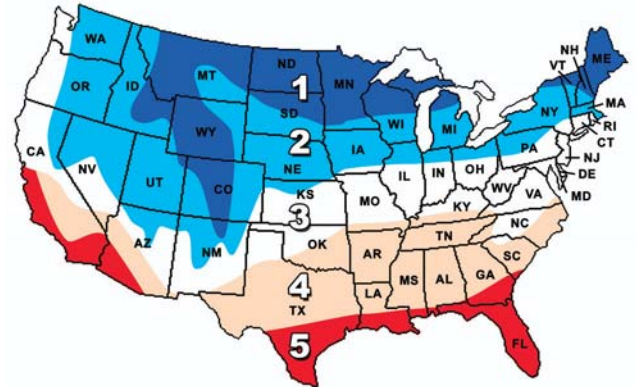
**Please Note:** residential furnaces **ARE NOT** certified for use in mobile homes.

80% AFUE GAS FURNACE (MULTI-POSITIONAL) SELECTION					FURNACE SIZE
SQUARE FOOTAGE OF YOUR HOME					
Region 1	Region 2	Region 3	Region 4	Region 5	
624 - 780	675 - 840	750 - 940	915 - 1140	1025 - 1280	40,000 BTU
780 - 1170	840 - 1260	940 - 1410	1140 - 1710	1280 - 1925	60,000 BTU
1170 - 1560	1260 - 1680	1410 - 1880	1710 - 2280	1925 - 2550	80,000 BTU
1560 - 1950	1680 - 2100	1880 - 2350	2280 - 2850	2550 - 3200	100,000 BTU
1950 - 2340	2100 - 2525	2350 - 2825	2850 - 3425	3200 - 3850	120,000 BTU

95% AFUE GAS FURNACE (MULTI-POSITIONAL) SELECTION					FURNACE SIZE
SQUARE FOOTAGE OF YOUR HOME					
Region 1	Region 2	Region 3	Region 4	Region 5	
560 - 925	600 - 1000	670 - 1110	810 - 1350	910 - 1520	40,000 BTU
925 - 1390	1000 - 1500	1110 - 1675	1350 - 2035	1520 - 2280	60,000 BTU
1390 - 1850	1500 - 2000	1675 - 2235	2035 - 2700	2280 - 3040	80,000 BTU
1850 - 2310	2000 - 2500	2235 - 2790	2700 - 3390	3040 - 3800	100,000 BTU
2310 - 2775	2500 - 3000	2790 - 3350	3390 - 4070	3800 - 4560	120,000 BTU

96% AFUE GAS FURNACE (MULTI-POSITIONAL) SELECTION					FURNACE SIZE
SQUARE FOOTAGE OF YOUR HOME					
Region 1	Region 2	Region 3	Region 4	Region 5	
1130 - 1415	1220 - 1525	1365 - 1705	1660 - 2070	1855 - 2320	60,000 BTU
1415 - 1875	1525 - 2025	1705 - 2265	2070 - 2750	2320 - 3080	80,000 BTU
1875 - 2340	2025 - 2525	2265 - 2825	2750 - 3430	3080 - 3840	100,000 BTU
2340 - 2805	2525 - 3025	2825 - 3380	3430 - 4105	3840 - 4600	120,000 BTU

ELECTRIC HEAT KIT (FOR AIR HANDLER) SELECTION					FURNACE SIZE
SQUARE FOOTAGE OF YOUR HOME					
Region 1	Region 2	Region 3	Region 4	Region 5	
625 - 830	675 - 900	750 - 1000	915 - 1220	1025 - 1365	10 kW
830 - 1250	900 - 1350	1000 - 1500	1220 - 1830	1365 - 2050	15 kW
1250 - 1665	1350 - 1800	1500 - 2000	1830 - 2440	2050 - 2730	20 kW
1665 - 2000	1800 - 2150	2000 - 2400	2440 - 2925	2730 - 3275	25 kW



**Residential Sizing:** These tables and charts are intended to be used as a guideline for Residential applications only. The information is based on conventional window space (<15%), insulation and building construction (8 ft. ceiling height).

When including a finished basement, use 1/2 of the finished basement square footage with the rest of the area being calculated.

**Mobile / Manufactured Home Sizing:** Refer to the Data Plate located in the electrical box or kitchen cabinets. For further assistance, call Hamilton's customer service department.