

# 80 High Efficiency Series

## All Position 80% AFUE Efficiency Furnace



### PERFORMANCE:

Efficiency rating of 80% AFUE  
Upflow, downflow and horizontal  
GAMA efficiency rating certified

### FEATURES:

The industry's first all-position gas furnace.

Available from 40,000 to 140,000 BTUH, and 1.5 through 5 tons of airflow.

Furnace control module features self-diagnostics and monitors all furnace functions for safe operation.

Accessory terminals are provided for humidifiers and electronic air cleaners.

All-position heat exchanger and burner system provide quiet, dependable heating with AFUE efficiency over 80%.

Only 31<sup>5</sup>/<sub>8</sub>" tall. Compact size fits nearly any place. Perfect for new construction and retro-fits. Easily add humidifiers and electronic air cleaners.

Powerful four-speed split capacitor blower motor operates quietly, yet provides all the air volume needed to meet your heating and cooling needs.

Quick and easy to install and service. Single return duct can enter from right, left or bottom on all sizes through four tons of air conditioning.

Proved reliable in tens of thousands of installations. Every furnace is test fired and must pass 34 computer checks before leaving the factory.

LP kits available

Most parts are made from heavy, corrosion-resistant, aluminized or galvanized steel.

The exterior cabinet has an attractive coating of durable, rust-resistant paint.

Unique all-position heat exchanger design, utilizes heavy aluminized steel tube in a special no-weld design.

Your investment is protected by a 20-year limited warranty on the furnace heat exchanger, and a 5-year limited warranty on all parts.

# 80 High Efficiency Series

SPECIFICATIONS EABA & EADA ALL-POSITION GAS FURNACES										
MODEL NUMBER (Note 1, 3 & 4)	BTUH Input	BTUH Output	AFUE Rating	Dimensions			Shipping Weight	Vent Size	Air Openings (Note 2)	
				Depth	Width	Height			Return	Supply
EABA040NH2R(X)	40,000	32,500	80.2%	28 13/16"	14 1/2"	31 5/8"	100	3"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EADA040NH2R(H)	40,000	32,500	80.2%	28 13/16"	14 1/2"	31 5/8"	100	3"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EABA040NH3R(X)	40,000	32,500	80.2%	28 13/16"	14 1/2"	31 5/8"	110	3"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EADA040NH3R(H)	40,000	32,500	80.2%	28 13/16"	14 1/2"	31 5/8"	110	3"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EABA060NH3R(X)	60,000	48,800	80.2%	28 13/16"	14 1/2"	31 5/8"	110	4"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EADA060NH3R(H)	60,000	48,800	80.2%	28 13/16"	14 1/2"	31 5/8"	110	4"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EABA060NH4R(X)	60,000	48,800	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EADA060NH4R(H)	60,000	48,800	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EABA080NH3R(X)	80,000	65,000	80.2%	28 13/16"	14 1/2"	31 5/8"	115	4"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EADA080NH3R(H)	80,000	65,000	80.2%	28 13/16"	14 1/2"	31 5/8"	115	4"	18 29/32" x 12 3/4"	18 15/16" x 12 15/16"
EABA080NH4R(X)	80,000	65,000	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EADA080NH4R(H)	80,000	65,000	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EABA100NH3R(X)	100,000	81,300	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EADA100NH3R(H)	100,000	81,300	80.2%	28 13/16"	17 1/2"	31 5/8"	125	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EABA100NH4R(X)	100,000	81,300	80.2%	28 13/16"	17 1/2"	31 5/8"	130	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EADA100NH4R(H)	100,000	81,300	80.2%	28 13/16"	17 1/2"	31 5/8"	130	4"	18 29/32" x 15 3/4"	18 15/16" x 15 15/16"
EABA100NH5R(X)	100,000	81,300	80.2%	28 13/16"	20 1/2"	31 5/8"	145	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EADA100NH5R(H)	100,000	81,300	80.2%	28 13/16"	20 1/2"	31 5/8"	145	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EABA120NH4R(X)	120,000	97,600	80.2%	28 13/16"	20 1/2"	31 5/8"	145	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EADA120NH4R(H)	120,000	97,600	80.2%	28 13/16"	20 1/2"	31 5/8"	145	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EABA120NH5R(X)	120,000	97,600	80.2%	28 13/16"	20 1/2"	31 5/8"	150	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EADA120NH5R(H)	120,000	97,600	80.2%	28 13/16"	20 1/2"	31 5/8"	150	4"	18 29/32" x 18 3/4"	18 15/16" x 18 15/16"
EABA140NH4R	140,000	113,800	80.2%	28 13/16"	23 1/2"	31 5/8"	165	4"	18 29/32" x 21 3/4"	18 15/16" x 21 15/16"
EADA140NH4R(H)	140,000	113,800	80.2%	28 13/16"	23 1/2"	31 5/8"	165	4"	18 29/32" x 21 3/4"	18 15/16" x 21 15/16"
EABA140NH5R	140,000	113,800	80.2%	28 13/16"	23 1/2"	31 5/8"	165	4"	18 29/32" x 21 3/4"	18 15/16" x 21 15/16"
EADA140NH5R(H)	140,000	113,800	80.2%	28 13/16"	23 1/2"	31 5/8"	165	4"	18 29/32" x 21 3/4"	18 15/16" x 21 15/16"

Note 1 "X" denotes California Low NO<sub>x</sub> model.

Note 2 Certain furnace applications require special air ductwork sizing to accommodate proper filter installation at the furnace. Refer to the installers information manual for specific instructions.

Note 3 EADA furnaces certified for Canadian and U. S. distribution.

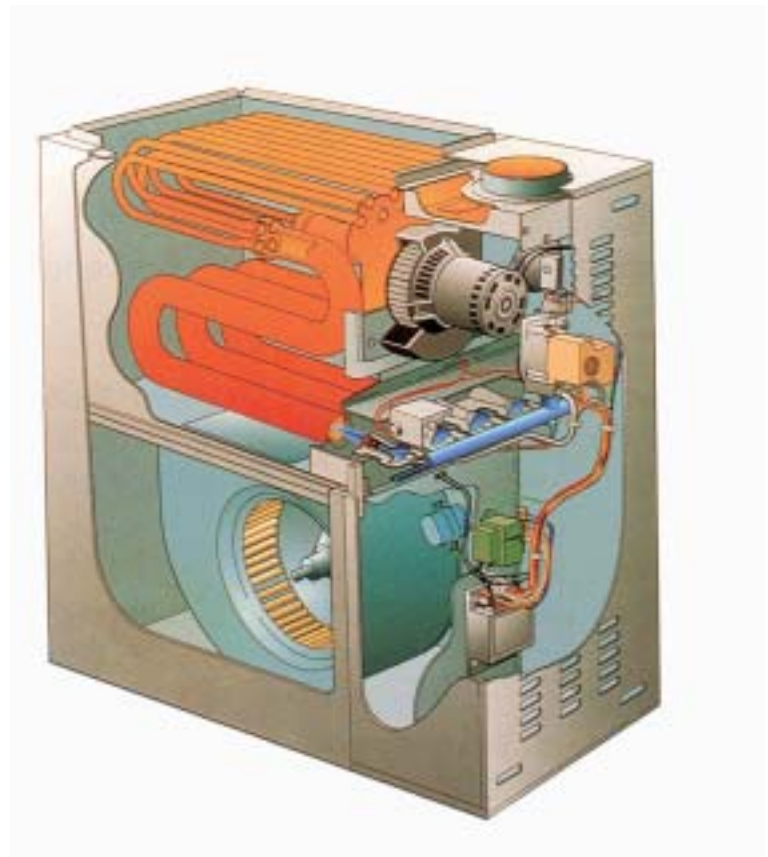
Note 4 "H" denotes Canadian high altitude model.

Note 5 Airflow ratings calculated with washable air filters, supplied by the manufacturer.

## SPECIFICATIONS EABA & EADA ALL-POSITION GAS FURNACES

MODEL NUMBER (Note 3, 5)	Temp. Rise	Motor H.P.	Motor FLA	Blower Size	A/C Airflow	Motor Speed	Airflow @ Static Pressure CFM @ Resistance Measured in Inches of W.C.					
							0.1	0.2	0.3	0.4	0.5	0.6
EABA040NH2R(X)	50-80	1/4	4.0	10 x 4	2 1.5	HI MED HI	1000 890	950 845	900 800	850 760	805 710	730 640
EADA040NH2R(H)	50-80	1/4	4.0	10 x 4	1	MED LOW LOW	715 475	675 435	635 390	605	550	
EABA040NH3R(X)	30-60	a	6.5	10 x 6	3 2.5	HI MED HI	1500 1200	1450 1160	1380 1130	1340 1100	1265 1040	1180 980
EADA040NH3R(H)	30-60	a	6.5	10 x 6	2 1.5	MED LOW LOW	920 705	905 690	875 670	850 640	810 615	770 560
EABA060NH3R(X)	45-75	1/3	6.7	10 x 6	3 2.5	HI MED HI	1485 1175	1435 1160	1375 1125	1340 1070	1260 1035	1170 970
EADA060NH3R(H)	45-75	1/3	6.7	10 x 6	2 1.5	MED LOW LOW	900 690	880 675	860 650	840 625	800 600	760 565
EABA060NH4R(X)	35-65	1/2	8.0	10 x 8	4 3.5	HI MED HI	1930 1510	1870 1505	1800 1490	1705 1440	1635 1410	1560 1355
EADA060NH4R(H)	35-65	1/2	8.0	10 x 8	3 2.5	MED LOW LOW	1220 910	1230 930	1225 980	1220 1020	1215 1025	1175 1015
EABA080NH3R(X)	40-70	1/3	6.5	10 x 6	3 2.5	HI MED HI	1500 1200	1445 1170	1390 1135	1320 1095	1230 1035	1150 970
EADA080NH3R(H)	40-70	1/3	6.5	10 x 6	2 1.5	MED LOW LOW	920 705	900 690	870 670	850 635	810 620	775 570
EABA080NH4R(X)	50-80	1/2	8.0	10 x 8	4 3.5	HI MED HI	1910 1505	1840 1495	1800 1470	1720 1445	1645 1395	1560 1345
EADA080NH4R(H)	50-80	1/2	8.0	10 x 8	3 2.5	MED LOW LOW	1170 890	1200 920	1205 950	1200 965	1200 990	1150 985
EABA100NH3R(X)	55-85	1/3	6.4	10 x 6	3 2.5	HI MED HI	1525 1240	1475 1220	1425 1175	1340 1130	1250 1060	1165 1000
EADA100NH3R(H)	55-85	1/3	6.4	10 x 6	2 1.5	MED LOW LOW	965 750	955 735	935 720	900 690	860 650	800 620
EABA100NH4R(X)	50-80	1/2	8.0	10 x 8	4 3.5	HI MED HI	1875 1530	1810 1500	1735 1470	1660 1415	1580 1380	1495 1310
EADA100NH4R(H)	50-80	1/2	8.0	10 x 8	3 2.5	MED LOW LOW	1200 965	1235 975	1230 1005	1225 1005	1205 990	1150 940
EABA100NH5R(X)	40-70	3/4	9.3	2-10 x 4	5 4	HI MED HI	2315 1610	2245 1650	2165 1655	2050 1615	1950 1565	1850 1535
EADA100NH5R(H)	40-70	3/4	9.3	2-10 x 4	3.5 3	MED LOW LOW	1300 965	1360 1030	1390 1075	1400 1120	1390 1135	1335 1150
EABA120NH4R(X)	45-75	1/2	8.0	10 x 8	4 3.5	HI MED HI	1960 1575	1910 1575	1815 1540	1735 1475	1655 1440	1550 1355
EADA120NH4R(H)	45-75	1/2	8.0	10 x 8	3 2.5	MED LOW LOW	1255 975	1275 1005	1285 1045	1265 1050	1245 1040	1200 1010
EABA120NH5R(X)	45-75	3/4	8.8	2-10 x 4	5 4	HI MED HI	2175 1535	2100 1525	2060 1525	2035 1580	1965 1540	1850 1475
EADA120NH5R(H)	45-75	3/4	8.8	2-10 x 4	3 2.5	MED LOW LOW	1325 995	1305 1035	1340 1070	1340 1110	1340 1110	1300 1125
EABA140NH4R	45-75	3/4	8.8	2-10 x 4	4.5 4	HI MED HI	2360 1765	2250 1765	2140 1735	2020 1675	1860 1585	1725 1490
EADA140NH4R(H)	45-75	3/4	8.8	2-10 x 4	3.5 2.5	MED LOW LOW	1325 975	1375 1035	1400 1080	1400 1080	1375 1080	1300 1080
EABA140NH5R	50-80	3/4	9.4	2-10 x 6	5 4	HI MED HI	2445 1725	2400 1750	2390 1765	2360 1750	2235 1715	2100 1650
EADA140NH5R(H)	50-80	3/4	9.4	2-10 x 6	3.5 3	MED LOW LOW	1375 1110	1415 1150	1440 1190	1440 1210	1440 1200	1410 1190

## *Residential & Light Commercial 80 AFUE Gas Furnace*



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