

Haier®

80% & 95% Gas Furnace

COMFORT YOU CAN COUNT ON





HG

Haier Gas Furnace

80

AFUE

B

Motor Type
B - Multi Spd PSC
E - Variable Spd ECM

035

Capacity - BTU/HR (000)

08

Nominal Airflow
08 - 800 CFM
12 - 1200 CFM
16 - 1600 CFM
20 - 2000 CFM

A

A - 1 Stage Heating
B - 2 Stage Heating

Furnace Model Number Description



80% AFUE Gas Furnace 35,000 BTU to 135,000 BTU

- All Position Installation - Upflow, Downflow & Horizontal
- Compact Size - 35" Tall
- All models comply with California low NOX requirements
- Heavy Duty Aluminized Tubular Steel Heat Exchanger
- Hot Surface Ignition Control
- Propane Kits Available
- Left and Right Hand Gas and Electrical Entry Capable
- Multi-speed Motor
- Industry Proven and Reliable Furnace Control
- 10 Year Parts Limited Warranty
- 20 Year Heat Exchanger Limited Warranty



95% AFUE Gas Furnace 54,000 BTU to 108,000 BTU

- 2 Stage Heating with Variable Speed Motor
- All Position Installation - Upflow, Downflow & Horizontal
- Compact Size - 40" Tall
- All Models Comply with California Low Nox requirements
- Stainless Steel Secondary Heat Exchanger
- Hot Surface Ignition Control
- Propane Kits Available
- Left and Right Hand Gas and Electrical Entry
- Industry Proven and Reliable Furnace Control
- Single or 2 Stage Thermostat Ready
- 10 Year Parts Limited Warranty
- Life Heat Exchange Limited Warranty



80% AFUE Gas Furnace

Comfort you can count on

Product Specifications

Model No.	HG80B03508A	HG80B05012A	HG80B07012A	HG80B07016A	HG80B08512A	HG80B08516A
PERFORMANCE RATINGS						
Capacity (Input) BTU	35,000	50,000	68,000	68,000	85,000	85,000
Capacity (Output) BTUH	28,000	40,000	54,400	54,400	68,000	68,000
Temperature Rise F	35-65	35-65	35-65	30-60	35-65	30-60
Vent Pipe (inches)	4	4	4	4	4	4
Cooling Tons @ .5" wc	2	3	3	4	3	4
CFM @ .5" wc	800	1200	1200	1600	1200	1600
CABINET DIMENSIONS						
Height	35	35	35	35	35	35
Width	14 1/2	14 1/2	16	17 1/2	17 1/2	20 1/2
Depth	28 1/4	28 1/4	28 1/4	28 1/4	28 1/4	28 1/4
Supply Opening	13 1/2 x 19 1/2	13 1/2 x 19 1/2	15 x 19 1/2	16 1/2 x 19 1/2	16 1/2 x 19 1/2	19 1/2 x 19 1/2
Return Opening (Side)	14 x 22	14 x 22	14 x 22	14 x 22	14 x 22	14 x 22
Return Opening (Bottom)	13 1/2 x 22	13 1/2 x 22	14 1/2 x 22	14 1/2 x 22	14 1/2 x 22	16 x 22
SHIPPING DIMENSIONS						
Height	38 1/2	38 1/2	38 1/2	38 1/2	38 1/2	38 1/2
Width	18 1/4	18 1/4	19 3/4	21 1/4	21 1/4	24 1/4
Depth	31 3/4	31 3/4	31 3/4	31 3/4	31 3/4	31 3/4
Weight	105	116	127	132	138	146
40' HC Container Loading	150	150	138	120	120	106

Notes

1. BTUH based on Natural Gas
2. All models use 115 volts, 60 Hz power supply
3. Gas service connection is 1/2" NPT
4. All Dimensions in inches

CLEARANCE TO COMBUSTIBLES

Position	UPFLOW	DOWNFLOW	HORIZONTAL
Top	1	0	2
Front	3 1/2	3 1/2	3 1/2
Flue C-Vent	6	6	6
Flue B-Vent	1	1	1
Back and Sides	0	0	0
Floor	0	0	0
Supply	1	1	Top / Sides 3 / 1

HG80B10012A	HG80B10016A	HG80B10020A	HG80B11520A	HG80B13520A
100,000	100,000	100,000	115,000	135,000
80,000	80,000	80,000	92,000	108,000
30-60	35-65	35-65	30-60	30-60
4	4	4	4	4
3	4	5	5	5
1200	1600	2000	2000	2000
35	35	35	35	35
20 1/2	20 1/2	20 1/2	22	25
28 1/4	28 1/4	28 1/4	28 1/4	28 1/4
19 1/2 x 19 1/2	19 1/2 x 19 1/2	19 1/2 x 19 1/2	21 x 19 1/2	21 x 19 1/2
14 x 22	14 x 22	14 x 22	14 x 22	14 x 22
16 x 22	16 x 22	16 x 22	16 x 22	16 x 22
37 3/4	37 3/4	37 3/4	37 3/4	37 3/4
24 1/2	24 1/2	24 1/2	25 3/4	28 3/4
31 3/4	31 3/4	31 3/4	31 3/4	31 3/4
152	152	152	163	178
106	106	106	102	96



Note: Due to Haier's ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without prior notice. Warranties noted apply to residential applications only and are limited. Please see actual warranty for details.





95% AFUE Gas Furnace

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Product Specifications

Model No.		HG95E05412B	HG95E07212B	HG95E09020B	HG95E10820B
PERFORMANCE RATINGS (Upflow)					
Capacity Input	High	54,000	72,000	90,000	108,000
	Low	35,100	46,800	58,500	70,200
Capacity Output	High	51,300	68,400	85,500	102,600
	Low	33,345	44,460	55,575	66,690
AFUE		95%	95%	95%	95%
PERFORMANCE RATINGS (Downflow / Horizontal)					
Capacity Input	High	54,000	72,000	90,000	108,000
	Low	35,100	46,800	58,500	70,200
Capacity Output	High	50,760	67,680	84,600	101,520
	Low	32,994	43,992	54,990	65,988
AFUE		94%	94%	94%	94%
AIRFLOW DATA @ .5" static					
CFM (approx) at 50 F Rise	High	950	1267	1800	1900
	Low	618	823	1583	1235
CFM Cool (max)		1200	1400	1800	1900
Cooling Tons		1.5 - 3	1.5 - 3.5	2.5 - 5	2.5 - 5
CABINET DIMENSIONS					
Height		40	40	40	40
Width		17 1/2	20 1/2	20 1/2	24 1/2
Depth		29	29	29	29
Supply Opening		16 1/2 x 19	19 1/2 x 19	19 1/2 x 19	24 x 19
Return Opening (Side)		14 x 22	14 x 22	14 x 22	14 x 22
Return Opening (Bottom)		16 x 19	16 x 19	16 x 19	23 x 19
SHIPPING DIMENSIONS					
Height		41	41	41	41
Width		18 1/2	19 1/2	19 1/2	25 1/2
Depth		30	30	30	30
Weight		145	160	175	210
40' HC Container Loading		116	104	104	96

Notes

1. BTUH based on Natural Gas
2. All models use 115 volts, 60 Hz power supply
3. Gas service connection is 1/2" NPT
4. All Dimensions in inches
5. 2" connections provided for combustion air intake and exhaust on all models
6. Temperature rise is 35 - 65 F on all models

CLEARANCE TO COMBUSTIBLES

Model No.	Top	Front	Flue	Back	Left Side	Right Side	Floor	Supply Plenum
ALL	0	0	0	0	0	0	0	1/2



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◀ About Haier ▶

Haier is the world's 4th largest white goods manufacturer, with 29 manufacturing facilities and 16 industrial parks on all continents. The company's sales network covers over 160 countries, with 58,800 sales outlets and 50,000 employees worldwide.

Haier America is headquartered in the Haier Building at 1356 Broadway in New York. Haier America is a leader for room air conditioners, compact refrigerators, and wine cellar sales; as well as a leading force in home appliances, HVAC, compact laundry, compact freezers and HDTV sales. Haier America is an Official Marketing Partner and the Official High Definition Television of the NBA. The Haier Central Air Conditioner Division (CAC) has been dedicated to producing highly efficient, environment-friendly Air Conditioning systems for decades. Currently, Haier CAC is one of the world's biggest HVAC production bases that provides cooling, heating and ventilation solutions for residential, commercial and industrial applications.



Haier America

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