



Air Conditioning & Heating

## PRODUCT SPECIFICATIONS



# 80% AFUE

## MULTI-POSITION, MULTI-SPEED

### HEATING INPUT: 45,000-140,000 BTU/H



\* To receive the Lifetime Heat Exchanger Limited Warranty, 10-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).

# GMH8/GDH8

## DUAL\$AVER™ GAS FURNACES

The Goodman® brand GMH8/ GDH8 DualSaver™ Multi-Speed, Multi-Position Gas Furnaces feature a patented aluminized-steel tubular heat exchanger and durable Silicon Nitride Hot Surface Ignition system. These furnaces are run-tested for heating or combination heating/cooling applications. With a heavy-gauge, reinforced, insulated steel cabinet and durable baked enamel finish, these furnaces can be installed in a variety of locations.

### Standard Features

- Patented TuffTube™ dual-diameter tubular heat exchanger with Lifetime Limited Warranty\* for as long as the original registered homeowner owns their home plus a 10-Year Limited Furnace Replacement Warranty\*
- Two-stage gas valve DualSaver™ technology that allows installer to activate the two-stage valve with the flip of a dipswitch
- 110V Silicon Nitride igniter designed for long igniter life
- Quiet four-speed direct-drive circulating blower motor
- Furnace control board with self-diagnostics, color-coded low-voltage terminals and provisions for electronic air cleaner and 24-volt humidifiers
- Control board stores the last five diagnostic codes in memory; simple push-button activation outputs the fault history to a flashing red LED
- Low constant fan allows homeowner to activate the low heat speed to efficiently circulate air throughout the home
- Self-adjusting feature automatically adjusts furnace to high- or low-stage operation based on outside temperature without an outdoor temperature sensor

### Cabinet Features

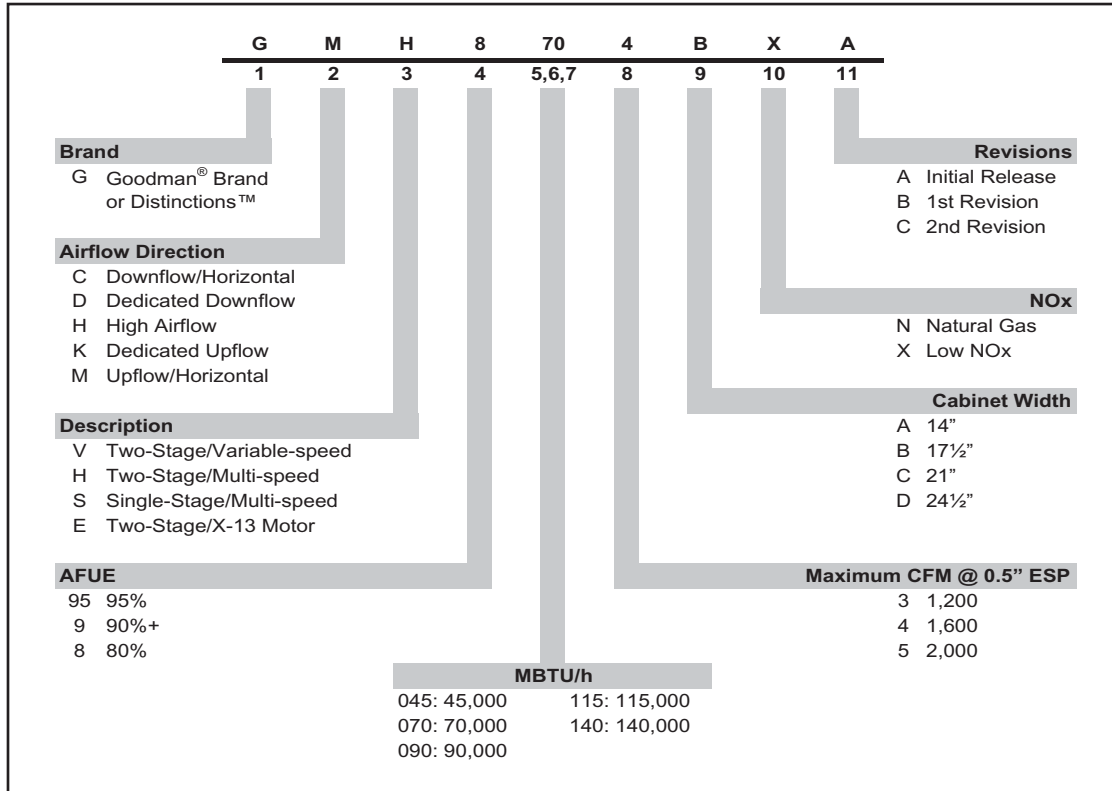
- Fully insulated, heavy-gauge steel cabinet with durable baked-enamel finish
- Foil-faced insulation lines the heat exchanger compartment
- Designed for multi-position installation: upflow, horizontal left or right
- Removable bottom for side or bottom return applications
- Convenient left or right connection for gas and electric service
- Coil and furnace fit flush for most installations

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**NOMENCLATURE**



**ACCESSORIES**

Model	Description	GMH8 All Models	GDH8 All Models
LPM-03B	LP Conversion Kit (Gas Valve)	√	√
LPM-05	LP Conversion Kit (Springs & Orifice)	√	√
HA02	High-Altitude Natural Gas Kit (+7,000')	√	√
FTK03A	Twinning Kit	√	√
AFE18-60A	Fossil Fuel Kit	√	√
SBT 1417/21*	Downflow Sub-base		√

\* Supplied by McDaniel Metals

SPECIFICATIONS — GMH8

	GMH8 0453ANA*	GMH8 0703ANA*	GMH8 0704BNA*	GMH8 0903BNA	GMH8 0904BNA*	GMH8 0905CNA*	GMH8 1155CNA*	GMH8 1405DNA*
<b>Heating Capacity</b>								
Input <sup>1</sup>	45,000	70,000	70,000	90,000	90,000	90,000	115,000	140,000
Natural Gas Output <sup>1</sup>	36,000	56,000	56,000	72,000	72,000	72,000	92,000	112,000
LP Gas Output <sup>1</sup>	32,000	48,000	48,000	64,000	64,000	64,000	80,000	96,000
AFUE <sup>2</sup>	80	80	80	80	80	80	80	80
Available AC @ 0.5" ESP	3	3	4	3	4	5	5	5
Temperature Rise Range (°F)	25 - 55	25 - 55	20 - 50	30 - 60	35 - 65	35 - 65	35 - 65	40 - 70
<b>Circulator Blower</b>								
Size (D x W)	10"x 6"	10"x 6"	10"x 8"	10"x 8"	10"x 8"	10"x 10"	10"x 10"	10"x 10"
Horsepower @ 1750 RPM	1/3	1/3	1/2	1/3	1/2	1/2	1/2	3/4
Speed	4	4	4	4	4	4	4	4
Vent Diameter <sup>3</sup>	4"	4"	4"	4"	4"	4"	4"	4"
No. of Burners	2	3	3	4	4	4	5	6
<b>Filter Size (in<sup>2</sup>)</b>								
Permanent <sup>4</sup>	290	290	385	290	385	480	480	480
Disposable	580	580	770	580	770	960	960	960
<b>Electrical Data</b>								
Min. Circuit Ampacity <sup>5</sup>	8.1	8.1	12.5	8.1	12.5	12.5	12.5	14.7
Max. Overcurrent Protection <sup>6</sup>	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps
<b>Ship Weight (lbs)</b>	120	130	143	153	153	163	163	163

\* Low NOx model available

	GMH8 0453AXC	GMH8 0703AXC	GMH8 0704BXC	GMH8 0903BXC	GMH8 0904BXC	GMH8 0905CXC	GMH8 1155CXC	GMH8 1405DXC
<b>Heating Capacity</b>								
Input <sup>1</sup>	45,000	70,000	70,000	90,000	90,000	90,000	115,000	140,000
Natural Gas Output <sup>1</sup>	36,000	56,000	56,000	72,000	72,000	72,000	92,000	112,000
LP Gas Output <sup>1</sup>	32,000	48,000	48,000	64,000	64,000	64,000	80,000	96,000
AFUE <sup>2</sup>	80	80	80	80	80	80	80	80
Available AC @ 0.5" ESP	3	3	4	3	4	5	5	5
Temperature Rise Range (°F)	25 - 55	25 - 55	20 - 50	30 - 60	35 - 65	35 - 65	35 - 65	40 - 70
<b>Circulator Blower</b>								
Size (D x W)	10" x 6"	10" x 6"	10" x 8"	10" x 8"	10" x 8"	10" x 10"	10" x 10"	11" x 10"
Horsepower @1075 RPM	1/3	1/3	1/2	1/2	1/2	1/2	1/2	3/4
Speed	4	4	4	4	4	4	4	4
Vent Diameter <sup>3</sup>	4"	4"	4"	4"	4"	4"	4"	4"
No. of Burners	2	3	3	4	4	4	5	6
Disposable Filter (in <sup>2</sup> )	320	483	483	640	640	640	800	738
<b>Electrical Data</b>								
Min. Circuit Ampacity <sup>5</sup>	8.1	8.1	12.5	8.1	12.5	12.5	12.5	14.7
Max. Overcurrent Device (amps) <sup>6</sup>	15	15	15	15	15	15	15	15
<b>Ship Weight (lbs)</b>	120	130	143	153	153	163	163	163

<sup>1</sup> Natural Gas BTU/h; for altitudes above 2,000', reduce input rating 4% for each 1,000' above sea level. Low-fire rate is 75% of high-fire rate

<sup>2</sup> DOE AFUE based upon Isolated Combustion System (ICS)

<sup>3</sup> Vent diameter may vary depending upon length. Refer to the latest editions of the U.S. National Fuel Gas Code NFPA 54/ANSI Z223.1 and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

<sup>4</sup> Minimum Circuit Ampacity = (1.25 x Circulator Blower Amps) + ID Blower amps. Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>5</sup> Refers to maximum recommended fuse or circuit breaker size. May use fuses or HACR-type circuit breakers of the same size as noted.

**Notes:**

- All furnaces are manufactured for use on 115 VAC, 60 Hz, single-phase electrical supply.
- Gas Service Connection 1/2" FPT
- Important: Size fuses and wires properly and make electrical connections in accordance with the National Electrical Code and/or all existing local codes.

SPECIFICATIONS — GDH8

	GDH8 0453AX	GDH8 0703AX	GDH8 0904BX	GDH8 1155CX
<b>Heating Capacity</b>				
Input <sup>1</sup>	45,000	70,000	90,000	115,000
Natural Gas Output <sup>1</sup>	36,000	56,000	72,000	92,000
LP Gas Output <sup>1</sup>	32,000	48,000	64,000	80,000
AFUE <sup>2</sup>	80	80	80	80
Available AC @ 0.5" ESP	3	3	4	5
Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	40 - 70
<b>Circulator Blower</b>				
Size (D x W)	10"x 6"	10"x 6"	10"x 8"	10"x10"
Horsepower @ 1750 RPM	1/3	1/3	1/2	1/2
Speed	4	4	4	4
Vent Diameter <sup>3</sup>	4"	4"	4"	4"
No. of Burners	2	3	4	5
Disposable Filter (in <sup>2</sup> )	580	580	770	960
<b>Electrical Data</b>				
Min. Circuit Ampacity <sup>4</sup>	8.5	8.5	12.9	12.9
Max. Overcurrent Device <sup>5</sup>	15 amps	15 amps	15 amps	15 amps
Ship Weight (lbs)	120	130	153	175

<sup>1</sup> Natural Gas BTU/h; for altitudes above 2,000', reduce input rating 4% for each 1,000' above sea level. Low-fire rate is 75% of high-fire rate

<sup>2</sup> DOE AFUE based upon Isolated Combustion System (ICS)

<sup>3</sup> Vent diameter may vary depending upon vent length. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

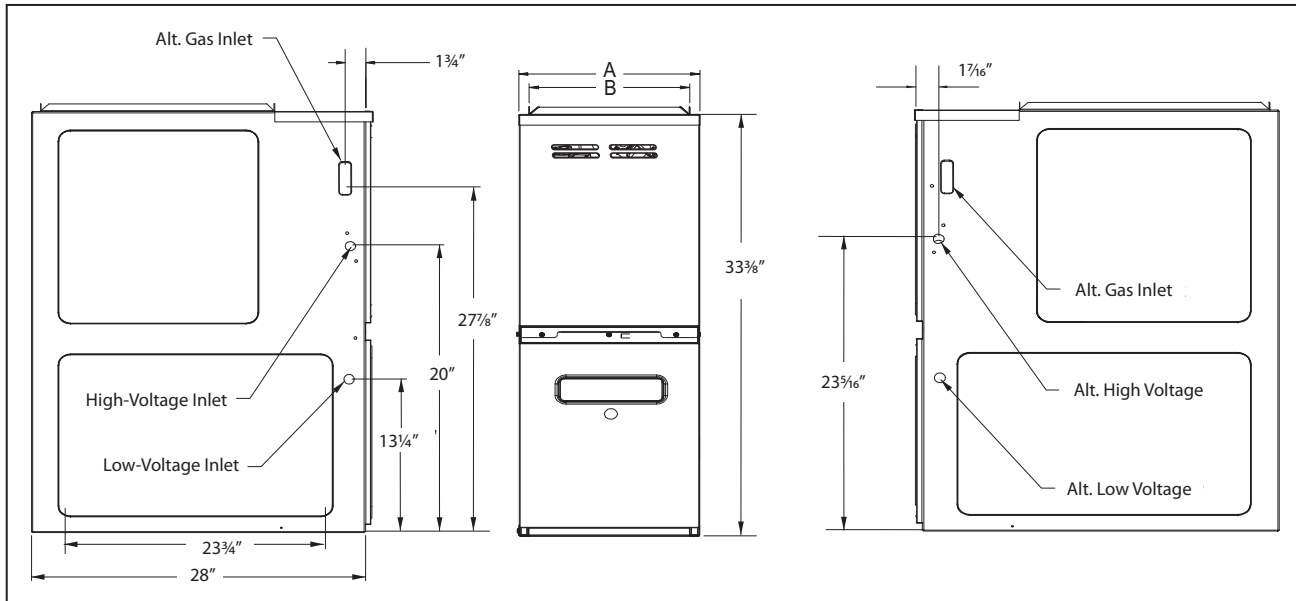
<sup>4</sup> Minimum Circuit Ampacity = (1.25 x Circulator Blower Amps) + ID Blower amps. Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>5</sup> Refers to maximum recommended fuse or circuit breaker size. May use fuses or HACR-type circuit breakers of the same size as noted.

**Notes:**

- All furnaces are manufactured for use on 115 VAC, 60 Hz, single-phase electrical supply.
- Gas Service Connection 1/2" FPT
- Important: Size fuses and wires properly and make electrical connections in accordance with the National Electrical Code and/or all existing local codes.

# GMH8 DIMENSIONS



Model	A	B	C
GMH80453ANA*	14"	12 1/2"	39"
GMH80703ANA*	14"	12 1/2"	39"
GMH80704BNA*	17 1/2"	16"	39"
GMH80903BNA	17 1/2"	16"	39"

\* Low NOx model available.

Model	A	B	C
GMH80904BNA*	17 1/2"	16"	39"
GMH80905CNA*	21"	19 1/2"	39"
GMH81155CNA*	21"	19 1/2"	39"
GMH81405DNA*	24 1/2"	23"	39"

Model	A	B
GMH80453AXC	14"	12 1/2"
GMH80703AXC	14"	12 1/2"
GMH80704BXC	17 1/2"	16"
GMH80903BNC	17 1/2"	16"

Model	A	B
GMH80904BXC	17 1/2"	16"
GMH80905CXC	21"	19 1/2"
GMH81155CXC	21"	19 1/2"
GMH81405DXC	24 1/2"	23"

**Notes:**

- Line voltage wiring can enter through the right or left side of furnace.
- Low-voltage wiring can enter through the right or left side of furnace.
- Conversion kits for high-altitude natural gas operation are available. Contact your Goodman distributor or dealer for details.

## MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

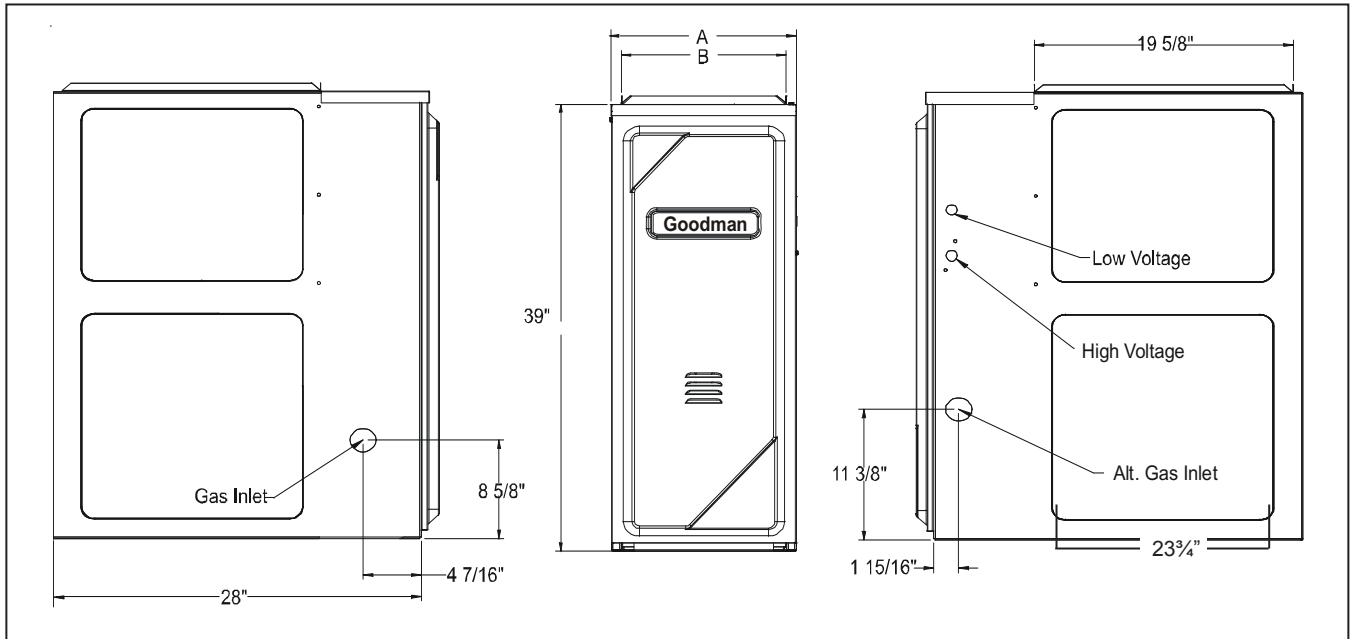
Sides	Rear	Front <sup>1</sup>	Vent <sup>2</sup>		Top
			SW	B	
1"	0"	3"	6"	1"	1"

<sup>1</sup> 24" clearance for serviceability recommended.

<sup>2</sup> Single Wall Vent (SW) to be used only as a connector. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

**Note:** GMH8 approved for line contact in the horizontal position.

# GDH8 DIMENSIONS



Model	A	B	Non-Combustible Floor Base
GDH80453AXAA	14"	12½"	SBT14
GDH80703AXAA	14"	12½"	SBT14
GDH80904BXAA	17½"	16"	SBT17
GDH81155CXAA	21"	19½"	SBT21

**Notes:**

- Line voltage wiring can enter through the right or left side of furnace. Low-voltage wiring can enter through the right or left side of furnace.
- Conversion kits for high-altitude natural gas operation are available. Contact your Goodman distributor or dealer for details.
- Installer must supply the following gas line fittings, according to which entrance is used:
  - ◊ Left: One 90° street elbow; one 2½" pipe nipple; one 90° elbow; straight pipe; one ground joint union
  - ◊ Right: Straight pipe to reach gas valve

## MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

Sides	Rear	Front <sup>1</sup>	Vent <sup>2</sup>		Top
			SW	B	
1"	0"	3"	6"	1"	1"

<sup>1</sup> 24" clearance for serviceability recommended.

<sup>2</sup> Single Wall Vent (SW) to be used only as a connector. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

# AIRFLOW DATA — GMH8 A MODELS

(CFM & Temperature Rise vs. External Static Pressure)															
Model (Heating Speed as Shipped)	Motor Speed	Tons AC @ 0.5" ESP	External Static Pressure, (Inches Water Column)												
			0.1		0.2		0.3		0.4		0.5		0.6	0.7	0.8
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	CFM	CFM
GMH8 0453ANA* (Medium)	High	3	1,555	---	1,511	---	1,459	---	1,392	---	1,344	25	1,279	1,201	1,120
	Med	2.5	1,165	28	1,123	30	1,100	30	1,090	30	1,048	32	1,017	970	903
	Med-Lo	2	927	36	907	37	889	37	863	38	853	39	822	800	746
	Low	1.5	699	47	694	48	668	50	645	51	636	52	592	566	524
GMH8 0703ANA* (Medium)	High	3	1,437	36	1,310	39	1,295	40	1,310	39	1,273	41	1,202	1,129	1,039
	Med	2.5	1,127	46	1,100	47	1,095	47	1,075	48	1,050	49	1,018	967	904
	Med-Lo	2	895	---	917	---	878	---	867	---	853	---	830	786	743
	Low	1.5	694	---	681	---	663	---	640	---	625	---	591	562	522
GMH8 0704BNA* (Medium)	High	4	2,234	23	2,151	24	2,076	25	1,990	26	1,897	27	1,803	1,710	1,569
	Med	3.5	1,676	31	1,653	31	1,648	31	1,581	33	1,555	33	1,492	1,414	1,352
	Med-Lo	3	1,342	38	1,335	39	1,321	39	1,313	39	1,291	40	1,261	1,215	1,149
	Low	2.5	1,089	47	1,085	48	1,078	48	1,071	48	1,057	49	1,040	986	932
GMH8 0903BNA (Medium)	High	3	1,593	42	1,561	43	1,567	42	1,543	43	1,493	44	1,420	1,343	1,230
	Med	2.5	1,186	56	1,160	57	1,160	57	1,135	58	1,118	59	1,089	1,045	983
	Med-Lo	2	957	---	940	---	937	---	921	---	895	---	861	826	778
	Low	1.5	742	---	710	---	685	---	663	---	635	---	611	578	476
GMH8 0904BNA* (Medium)	High	4	2,182	---	2,127	31	2,056	32	1,974	33	1,895	35	1,809	1,715	1,588
	Med	3.5	1,645	40	1,628	40	1,615	40	1,597	41	1,541	43	1,491	1,440	1,350
	Med-Lo	3	1,320	49	1,305	49	1,310	49	1,310	50	1,295	51	1,267	1,217	1,139
	Low	2.5	1,063	60	1,061	60	1,057	61	1,056	61	1,039	61	1,025	1,005	948
GMH8 0905CNA* (Medium)	High	5	2,334	---	2,334	---	2,284	---	2,135	---	2,051	35	1,910	1,748	1,605
	Med	4	1,754	39	1,735	39	1,728	40	1,685	40	1,628	42	1,551	1,469	1,346
	Med-Lo	3.5	1,367	47	1,380	47	1,371	47	1,374	48	1,335	50	1,293	1,246	1,165
	Low	3	1,098	58	1,109	59	1,109	59	1,088	60	1,066	62	1,050	998	916
GMH8 1155CNA* (Medium)	High	5	2,481	---	2,395	35	2,288	37	2,217	38	2,076	41	1,999	1,858	1,732
	Med	4	1,738	49	1,732	49	1,709	50	1,686	50	1,639	52	1,585	1,492	1,385
	Med-Lo	3.5	1,364	62	1,378	62	1,372	62	1,372	62	1,350	63	1,313	1,261	1,125
	Low	3	1,137	---	1,142	---	1,140	---	1,114	---	1,090	---	1,056	954	860
GMH8 1405DNA* (Medium)	High	5	2,554	41	2,435	43	2,375	44	2,240	47	2,152	49	2,002	1,883	1,744
	Med	4	1,846	57	1,773	59	1,762	60	1,712	61	1,672	63	1,583	1,526	1,442
	Med-Lo	3.5	1,520	69	1,500	70	1,483	---	1,470	---	1,435	---	1,373	1,308	1,245
	Low	3	1,301	---	1,274	---	1,260	---	1,231	---	1,207	---	1,177	1,093	931

\* Low NOx model available.

**Notes:**

- CFM in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most applications, about 400 CFM per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.
- The chart is for information only. For satisfactory operation, external static pressure should not exceed value shown on the rating plate. The shaded area indicates ranges in excess of recommended maximum heating static pressure.
- The dashed (---) areas indicate a temperature rise not recommended for this model.
- The above chart is for furnaces installed at 0-2000 feet. At higher altitudes, a properly de-rated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.

# AIRFLOW DATA — GMH8 C MODELS

(CFM & Temperature Rise vs. External Static Pressure)															
Model (Heating Speed as Shipped)	Motor Speed	Tons AC @ 0.5" ESP	External Static Pressure, (Inches Water Column)												
			0.1		0.2		0.3		0.4		0.5		0.6	0.7	0.8
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	CFM	CFM
GMH8 0453A*C* (Medium)	High	3	1,521	22	1,466	23	1,414	24	1,373	24	1,298	26	1,243	1,164	1,075
	Med	2.5	1,160	29	1,160	29	1,132	29	1,121	30	1,082	31	1,042	997	925
	Med-Lo	2	961	35	955	35	948	35	932	36	913	37	882	821	803
	Low	1.5	781	43	785	42	781	43	773	43	761	44	745	716	668
GMH8 0703A*C* (Medium)	High	3	1,422	36	1,352	38	1,307	40	1,197	43	1,157	45	1,092	1,075	983
	Med	2.5	1,098	47	1,081	48	1,051	49	1,039	50	1,021	51	983	924	868
	Med-Lo	2	919	56	913	57	892	58	847	----	829	----	818	792	728
	Low	1.5	758	----	741	----	741	----	733	----	699	----	677	649	626
GMH8 0704B*C* (Medium)	High	4	2,134	----	2,100	25	2,042	25	1,975	26	1,883	28	1,786	1,700	1,601
	Med	3.5	1,668	31	1,663	31	1,656	31	1,645	32	1,616	32	1,549	1,492	1,391
	Med-Lo	3	1,419	37	1,426	36	1,426	36	1,432	36	1,419	37	1,378	1,328	1,261
	Low	2.5	1,134	46	1,145	45	1,166	44	1,171	44	1,160	45	1,144	1111	1071
GMH8 0903B*C* (Medium)	High	3	1,607	41	1,572	42	1,547	43	1,498	45	1,448	46	1,390	1,302	1,222
	Med	2.5	1,159	58	1,156	58	1,145	58	1,127	59	1,108	60	1,075	1,033	957
	Med-Lo	2	938	----	916	----	916	----	900	----	889	----	865	829	785
	Low	1.5	785	----	766	----	743	----	730	----	709	----	683	666	604
GMH8 0904B*C* (Medium)	High	4	2,051	----	1,983	----	1,895	35	1,812	37	1,725	39	1,627	1,530	1,439
	Med	3.5	1,736	38	1,708	39	1,652	40	1,611	41	1,540	43	1,475	1,394	1,307
	Med-Lo	3	1,493	45	1,668	40	1,459	46	1,429	47	1,389	48	1,339	1,274	1,204
	Low	2.5	1,200	56	1,185	56	1,180	56	1,173	57	1,158	58	1,125	1,125	1080
GMH8 0905C*C* (Medium)	High	5	2,290	----	2,229	----	2,155	----	2,047	----	1,960	----	1,837	1,712	1,584
	Med	4	1,852	36	1,820	37	1,777	38	1,719	39	1,641	41	1,567	1,469	1,382
	Med-Lo	3.5	1,615	41	1,592	42	1,556	43	1,516	44	1,470	45	1,405	1,346	1,235
	Low	3	1,290	52	1,285	52	1,265	53	1,235	54	1,214	55	1,174	1044	904
GMH8 1155C*C* (Medium)	High	5	2,323	37	2,225	38	2,120	40	2,040	42	1,974	43	1,801	1,688	1,577
	Med	4	1,858	46	1,847	46	1,799	47	1,744	49	1,674	51	1,577	1,493	1,399
	Med-Lo	3.5	1,596	53	1,587	54	1,571	54	1,552	55	1,493	57	1,397	1,326	1,217
	Low	3	1,291	----	1,272	----	1,261	----	1,257	----	1,205	----	1,168	1118	1060
GMH8 1405D*C* (Medium)	High	5	2,469	42	2,389	43	2,300	45	2,223	47	2,131	49	2,027	1,902	1,786
	Med	4	1,575	66	1,558	67	1,545	67	1,513	69	1,500	69	1,419	1,354	1,271
	Med-Lo	3.5	1,402	----	1,380	----	1,343	----	1,319	----	1,296	----	1,245	1,183	1,106
	Low	3	1,200	----	1,186	----	1,161	----	1,127	----	1,082	----	1,042	995	926

**Notes**

- CFM in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer. If the furnace requires two return filters, this chart assumes both filters are installed.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most jobs, 400 CFM per ton for cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.
- This chart is for information only. For satisfactory operation, external static pressure **should** not exceed value shown on the rating plate.
- The dashed (----) areas indicate a temperature rise not recommended for this model.
- The above chart is for U.S. furnaces installed at 0-2000 feet. At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.

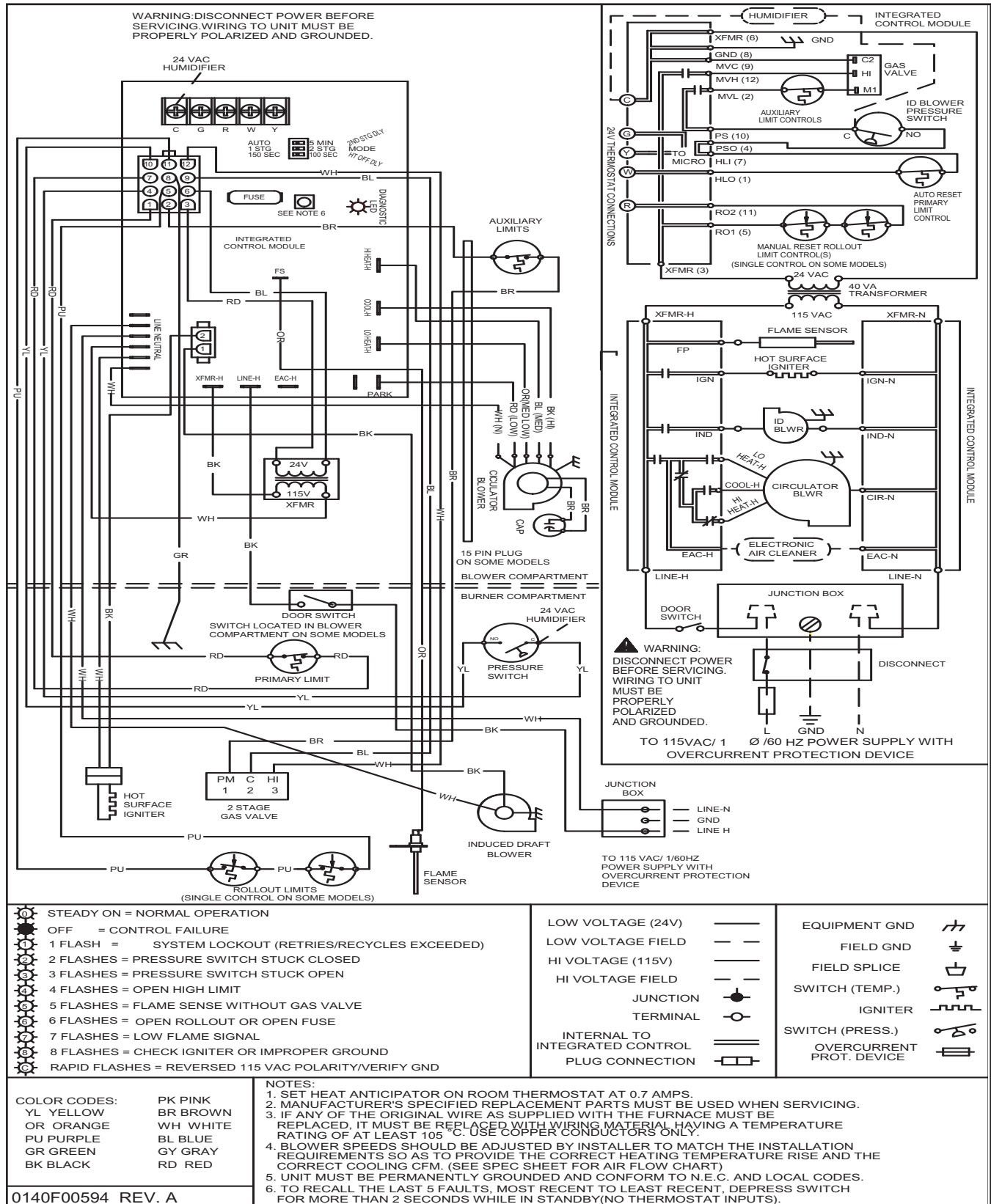
# GDH8 AIRFLOW DATA

(CFM & Temperature Rise vs. External Static Pressure)															
Model (Heating Speed as Shipped)	Motor Speed	Tons AC @ 0.5" ESP	External Static Pressure, (Inches Water Column)												
			0.1		0.2		0.3		0.4		0.5		0.6	0.7	0.8
			CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	CFM	CFM
GDH8 0453AX (Med)	High	3.0	1,435	---	1,421	---	1,380	---	1,322	25	1,262	26	1,200	1,144	1,064
	Med	2.5	1,140	29	1,114	30	1,084	31	1,063	31	1,039	32	1,002	943	897
	Med-Lo	2.0	899	37	889	37	875	38	871	38	857	39	821	780	745
	Low	1.5	691	48	674	49	665	50	651	51	637	52	618	562	525
GDH8 0703AX (Med)	High	3.0	1,406	37	1,393	37	1,379	37	1,307	39	1,262	41	1,208	1,145	1,070
	Med	2.5	1,153	45	1,101	47	1,077	48	1,039	50	1,028	50	987	947	885
	Med-Lo	2.0	890	---	896	---	873	---	862	---	834	---	798	771	727
	Low	1.5	690	---	682	---	664	---	631	---	616	---	583	549	509
GDH8 0904BX (Med)	High	4.0	2,007	---	1,993	---	1,975	---	1,940	---	1,844	36	1,770	1,668	1,559
	Med	3.5	1,612	41	1,606	41	1,570	42	1,533	43	1,501	44	1,448	1,373	1,301
	Med-Lo	3.0	1,325	50	1,299	51	1,280	52	1,244	53	1,222	54	1,186	1,140	1,079
	Low	2.5	1,043	---	1,040	---	1,032	---	1,002	---	981	---	955	915	869
GDH8 1155CX (Med)	High	5.0	2,381	---	2,312	---	2,312	---	2,219	---	2,134	40	2,024	1,930	1,839
	Med	4.0	1,801	47	1,667	51	1,667	51	1,638	52	1,613	53	1,513	1,441	1,369
	Med-Lo	3.5	969	---	1,062	---	1,140	---	1,223	69	1,269	67	1,292	1,322	1,358
	Low	3.0	1,100	---	1,094	---	1,060	---	1,031	---	1,001	---	953	937	874

**Notes:**

- CFM in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer. If the furnace requires two return filters, this chart assumes both filters are installed.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.
- The chart is for information only. For satisfactory operation, external static pressure should not exceed value shown on the rating plate. The shaded area indicates ranges in excess of recommended maximum heating static pressure.
- The dashed (---) areas indicate a temperature rise not recommended for this model.
- The above chart is for U.S. furnaces installed at 0-2000 feet. At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.

# GMH8 WIRING DIAGRAM



Wiring is subject to change. Always refer to the wiring diagram on the unit for most up-to-date wiring.



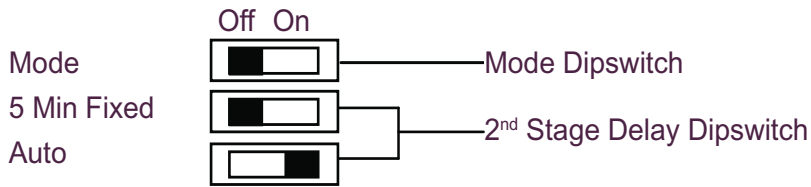
# DUAL\$AVER CONFIGURATION & OPERATION

## Dual\$aver

This furnace is capable of the following heating modes:

- Single Stage (Factory Setting)
- Modified Two-Stage
  - » Fixed 5-Min Low Stage
  - » Auto Time (1-12 Min) Low Stage

To change from the factory single-stage operation, adjust the dipswitches on the ignition control as follows:



Note: This furnace is designed to be used with a single-stage room thermostat.

