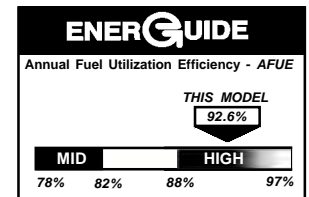


Sealed Combustion Condensing Single Stage Gas Furnace GSMS Series



Description / Application

- Single stage gas operation.
- All models design certified by ETL and ETL Canada Testing Laboratories in compliance with Unified Standards.
- Completely assembled, factory tested furnace for heating or combination heating/cooling application.
- For utility room, closet, alcove or basement application.
- Vertical or horizontal venting with 2" or 3" diameter PVC
- Upflow or horizontal installation.
- May be installed as a direct vent or non-direct vent appliance

Construction

- Heavy gauge, reinforced, wrap-around insulated, steel cabinet with durable baked enamel finish.
- Aluminized steel heat exchanger cells featuring the "weld free" manufacturing process.
- Aluminized steel in-shot burners.
- Convenient right & left hand connection for gas and electric service.
- Removable bottom plate for side return.

Optional Equipment

- L. P. conversion kit (L.P. kit model LPM-04)
- Concentric Vent Kit (CVK-00)

Standard Equipment

- Electronic hot surface ignition system with diagnostics.
- Corrosion resistant stainless steel secondary heat exchanger which extracts the maximum amount of energy from the gas and converts it to usable heat.
- Energy saving PSC multispeed direct drive blower motors.
- Blower door safety switch.
- Outlet air temperature limit control.
- Pressure switch for proof of combustion air.
- Combination single stage gas valve and regulator.
- Corrosion resistant induced draft motor blower assembly.
- 40VA transformer for heating and cooling operation.
- Temperature limit control at the vent blower outlet, guards against excessive exhaust gas temperatures.
- Flame roll-out switches.
- Drain kit includes vent screens, combustion air adapter, drain trap assembly, hoses.

As an Energy Star Partner, Goodman Manufacturing Company, L.P., has determined that this product meets the Energy Star guidelines for energy efficiency.

Made in the USA by:
Goodman Manufacturing Company, L.P.
2550 North Lop West, Suite 400.
Houston Texas 77008
www.goodmanmfg.com

Performance Data

GSMS MODEL NO.	INPUT(MBTUH)*		OUTPUT(MBTUH)		TEMP. RISE (NAT)	DOE** AFUE
	NAT	LP	NAT	LP		
060-3	60	55	54	49.8	35-65	92.6
080-4	80	73	72	65.7	35-65	92.6
100-4	100	93	90	83.9	40-70	92.6

* For altitudes above 2,000 ft. reduce ratings 4% for each 1,000 ft above sea level

**DOE AFUE based upon Isolated Combustion System (ICS)

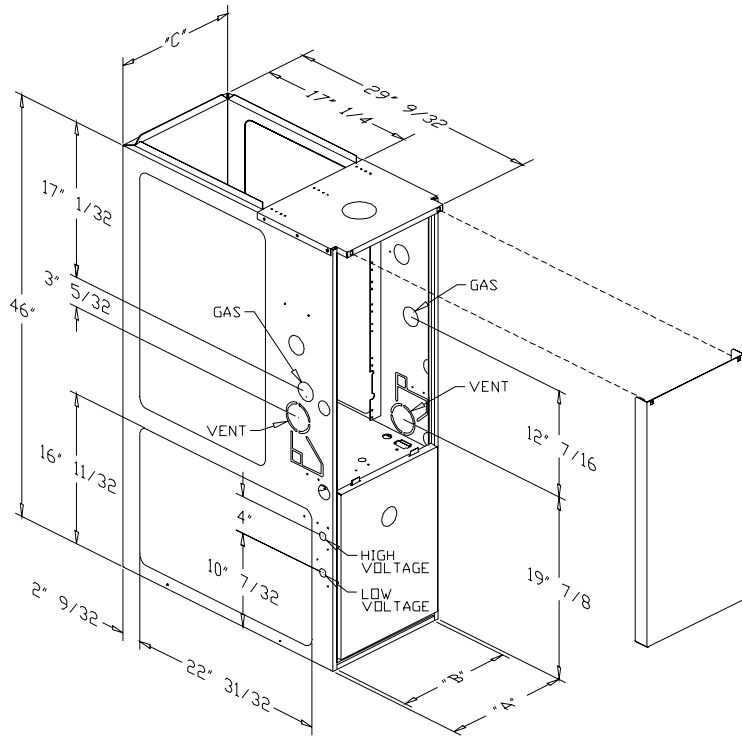
BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER

Specification Data

GSMS Model No.	Blower				Vent* Dia	Filter** Size In.	Electrical		Ship Wt.	Combustion* Air Supply Pipe
	Motor H.P.	Speeds	Dia. in.	Width in.			FLA	Max. Fuse		
060-3	1/3	4	10	6	2"	14 x 25	5.2	15	180	2"
080-4	1/2	3	10	8	2"	16 x 25	7.8	15	205	3"
100-4	1/2	3	10	10	3"	20 x 25	7.8	15	225	3"

* Schedule 40 PVC or ABS pipe, DWV

** Filter dimensions for bottom application. All models require 18" x 25" filter(s) for side air installations. Permanent air filters recommended. Where max. air flow is 1800 CFM or greater, both sides or the bottom must be used for return air.



Dimensions (inches)

GSMS Model No.	A	B	C
060-3	14	12 1/2	12 1/2
080-4	17 1/2	16	16
100-4	21	19 1/2	19 1/2

Clearances from Combustible Materials (all models)

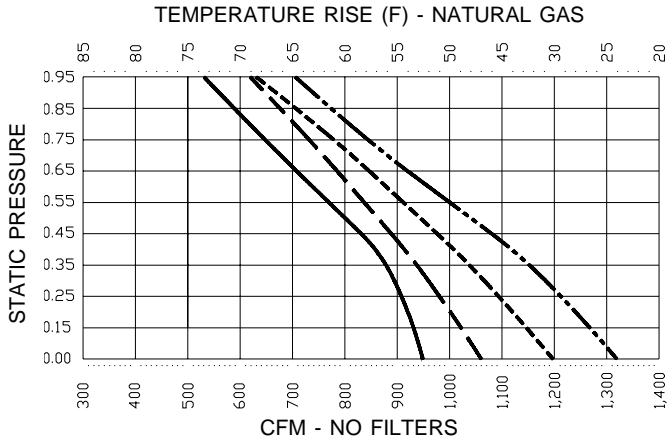
Sides	Rear	Top	Front*	Vent
1"	0"	1"	3"	0"

* Accessibility clearance shall take precedence where greater

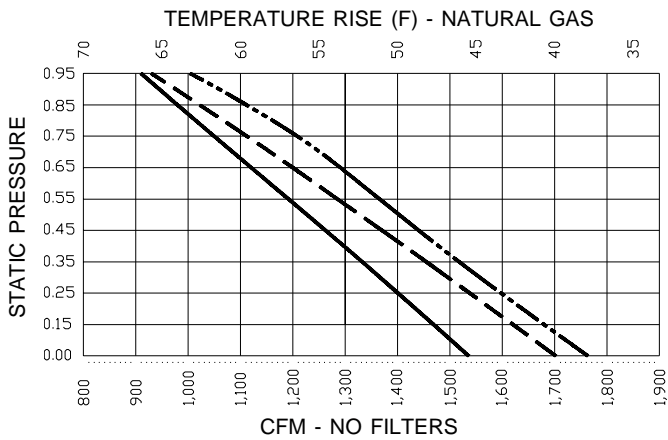
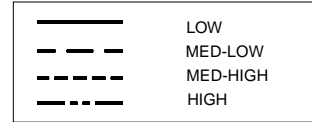
Model Identification

G	S	M	S	060	-3
Gas Furnace	Sealed Combustion	Upflow Horizontal	Single Stage Operation	Input (MBTU) Nom.	Tons Cooling (Nom.)

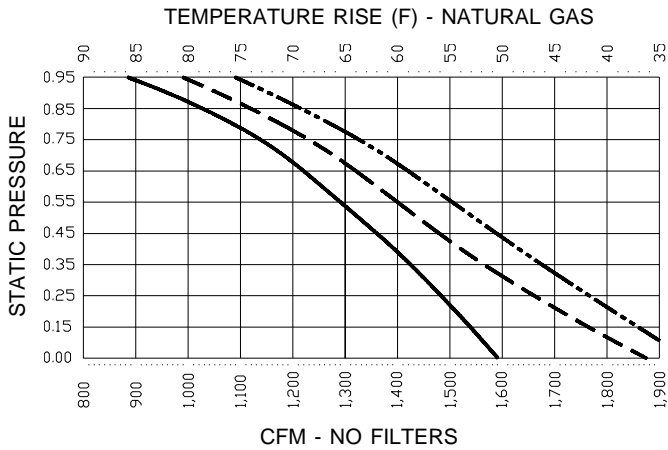
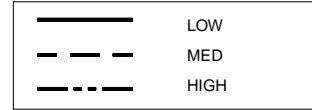
AIRFLOW DATA



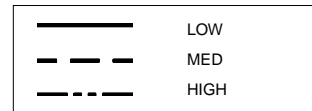
MODEL : GSMS060-3
 MOTOR H.P.: 1/3 HP
 BLOWER : 10 X 6



MODEL : GSMS080-4
 MOTOR H.P.: 1/2 HP
 BLOWER : 10 X 8



MODEL : GSMS100-4
 MOTOR H.P.: 1/2 HP
 BLOWER : 10 X 10



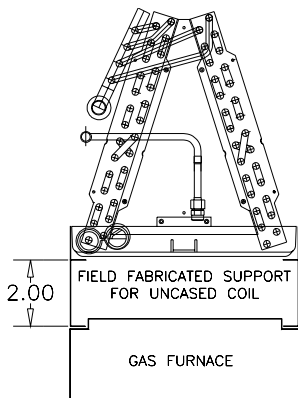
CASED (U) COIL APPLICATION OPTIONS

	FURNACE MODEL NO.	GMP050-3 GMP075-3 GMPN060-3 *GSU060-3 GSM060-3 GSMS060-3	GMP075-4 GMP100-3 GMP100-4 GMPN080-4 *GSU080-4 GSM080-4 GSMS080-4	GMP100-5 GMP125-4 GMP125-5 GMPN100-4 *GSU100-4 GSM100-4 GSMS100-4	GMP150-5 GMPN120-5
	NOMINAL FURNACE WIDTH	14"	17 1/2"	21"	24 1/2"
	DFK MODEL NO.(3)	DFK-14	DFK-17	DFK-21	DFK-24
COIL MODEL NO.	NOMINAL COIL WIDTH				
U-18	14"	X			
U-29	14"	X			
U-30	17 1/2"	X(1)	X(2)		
U-31	14"	X			
U-32	17 1/2"	X(1)	X(2)		
U-35	14"	X			
U-36	17 1/2"	X(1)	X(2)		
U-42	17 1/2"	X(1)	X(2)		
U-47	17 1/2"		X		
U-49	21"		X(1)	X(2)	
U-59	21"		X(1)	X(2)	
U-60	24 1/2"			X(1)	X(2)
U-61	24 1/2"			X(1)	X(2)
U-62	21"		X(1)	X(2)	

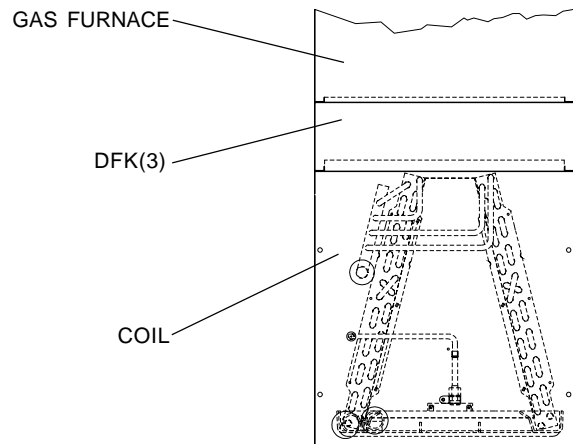
- (1) - Utilizing factory installed bottom cabinet filler plates.
- (2) - Discard bottom cabinet filler plates.
- (3) - Downflow Coil Adapter Kit allows use of U coils in downflow applications.
- * - Upflow Application only

UC COIL INSTALLATION RECOMMENDATIONS:

MINIMUM DISTANCE BETWEEN
FURNACE AND COIL PAN : 2"



DOWNFLOW APPLICATIONS



- Note:
- A. Do not use this coil on oil furnaces or any applications where the temperature on drain pan may exceed 300°F. Use the following metal drain pans: 15236-18 (U-18 thru U-32), 15236-19 (U-36 thru U-47), 15236-20 (U/UC-60 thru U-61), and 15236-12 (U/UC-49, U-59, and U-62) for those applications.
 - B. Due to the rating mix/match of various coils with outdoor units it is important to match the furnace air flow for the total system capacity. (Refer to furnace spec. sheet & condenser/heat pump spec. sheet.)