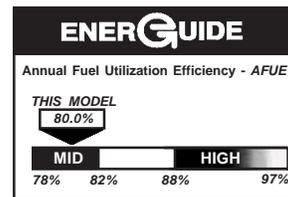




## Multi-Position Induced Draft Gas Furnace GMP Series



### Description / Application

- All models design certified by ETL and ETL<sub>C</sub> testing laboratories to be in compliance with United States and Canadian Safety Standards.
- Completely assembled, factory tested furnace, for heating or combination heating / cooling application.
- For utility room, closet, alcove, basement or attic application.
- All models can be common vented with a water heater using B-1 vent.
- Capable of multiple position installation - upflow, downflow or horizontal (left side and right side application).
- This product must not be horizontally vented without the use of optional equipment SVB-80, Sidewall Venting Blower.

### Construction

- Heavy gauge, reinforced, wrap-around insulated, steel cabinet with durable baked enamel finish.
- Aluminized steel heat exchanger cells featuring our "weld free" manufacturing process.
- Aluminized steel in-shot burners.
- Right hand or left hand connection for gas and electric service.

### Standard Equipment

- Energy saving PSC, multi-speed, direct drive blower motors.
- Quiet operating, sound isolated blower assembly.
- 40va transformer for heating and air conditioning control service.
- Combination redundant gas valve and regulator.
- Integrated furnace control with diagnostics.
- Blower door safety switch.
- Energy saving hot surface ignition system.
- Alternate bottom, left or right side return air connection provision.
- Quiet operating vent motor.
- Easily removable base plate.
- Multiple flame roll-out switches.
- Outlet air limit switch.
- Pressure switch for proof of air.
- Complies with California LoNox Standards.

### Optional Equipment

- L.P. conversion kit (LPM-01)
- Combustible floor base for downflow configuration (SBM).
- Sidewall Venting Blower (SVB-80) for horizontal venting.

**PERFORMANCE RATINGS**

Model No.	NAT GAS Input*+ BTUH	Heating Capacity BTUH	DOE** AFUE	Temp. Rise Range
GMP050-3	45,000	36,000	80.0	25-55
GMP075-3	75,000	60,000	80.0	35-65
GMP075-4	75,000	60,000	80.0	25-55
GMP100-3	100,000	80,000	80.0	45-75
GMP100-4	100,000	80,000	80.0	35-65
GMP100-5	100,000	80,000	80.0	35-65
GMP125-4	125,000	100,000	80.0	45-75
GMP125-5	125,000	100,000	80.0	45-75
GMP150-5	140,000	112,000	80.0	35-65

\* For altitudes above 2,000 feet reduce input rating 4% for each 1,000 feet above sea level.

\*\* DOE AFUE is based upon Isolated Combustion System (ICS).

+L.P. 20m/cell NORMAL INPUT

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

**SPECIFICATION DATA**

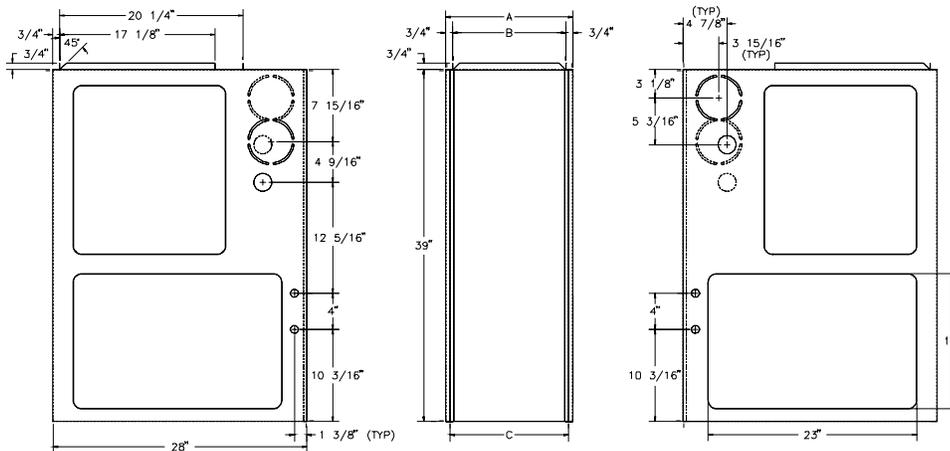
Electrical Characteristics 115/1/60 Gas Service Connection 1/2" FPT

Model GMP	BLOWER				Vent Dia. Metal	Filter** Size In	Electrical Ship		
	Motor		Dia.	Width			FLA	Max	Wt.
	HP	Speeds							
050-3	1/3	4	10	6	4	14 X 25	5.2	15	114
075-3	1/3	4	10	6	4	14 X 25	5.2	15	124
075-4	1/2	3	10	8	4	16 X 25	7.8	15	136
100-3	1/3	4	10	8	4	16 X 25	5.2	15	146
100-4	1/2	3	10	8	4	16 X 25	7.8	15	146
100-5	3/4	3	11	10	4	20 X 25	8.2	15	156
125-4	1/2	3	10	10	4	20 X 25	7.8	15	166
125-5	3/4	3	11	10	4	20 X 25	8.2	15	166
150-5	3/4	3	10	6(2)	4***	24 X 25	9.6	15	176

\*\* Filter dimensions for bottom application. All models require 18" x 25" filter(s) for side air installations. Permanent air filters recommended. Both sides or bottom inlet(s) must be used for applications over 1800 c.f.m.

\*\*\*GMP150-5 requires 5" diameter vent in downflow configuration.

**DIMENSIONS**



Clearances for Combustible Material (all models)

Sides	Rear	Top		Front*	Vent	
		Vert	Horiz		Single+	B-1
1"	0"	1"	8"	3" 6"	1"	

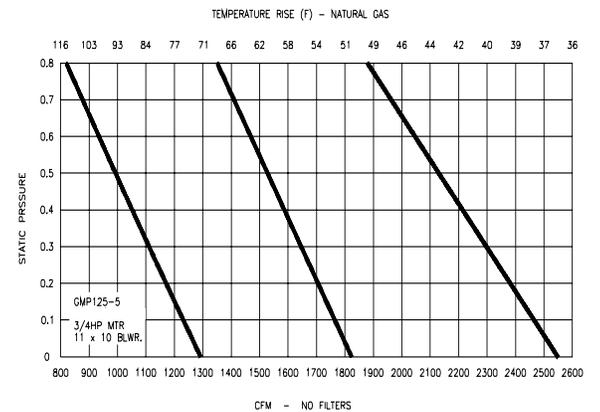
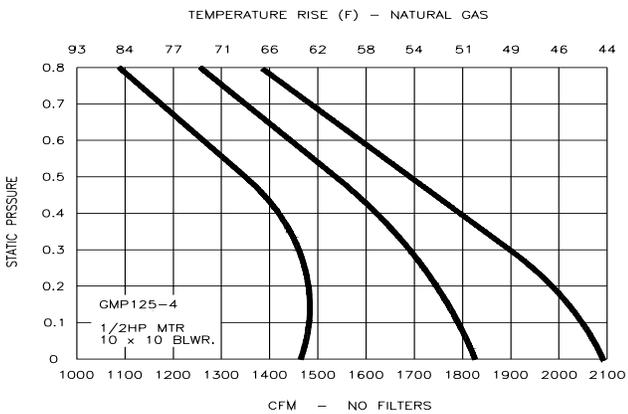
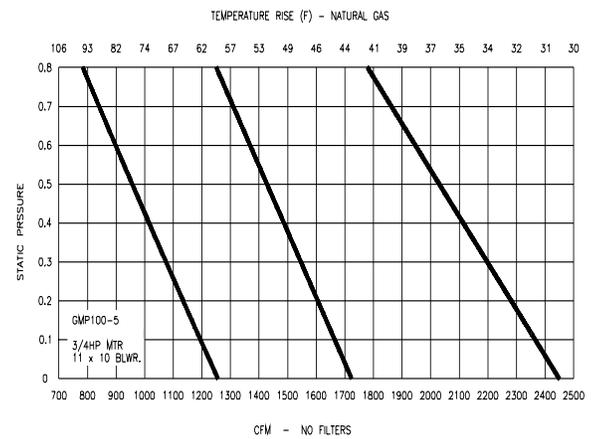
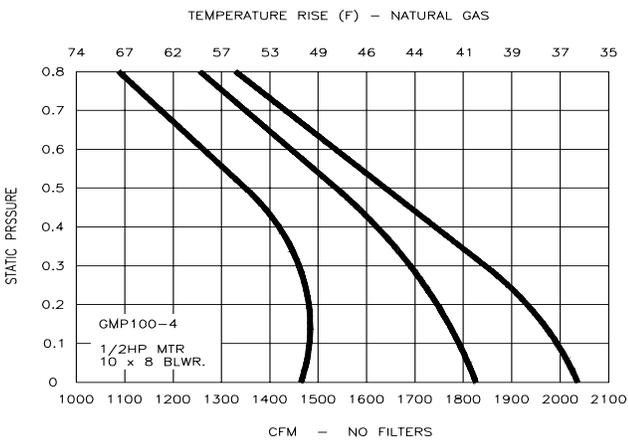
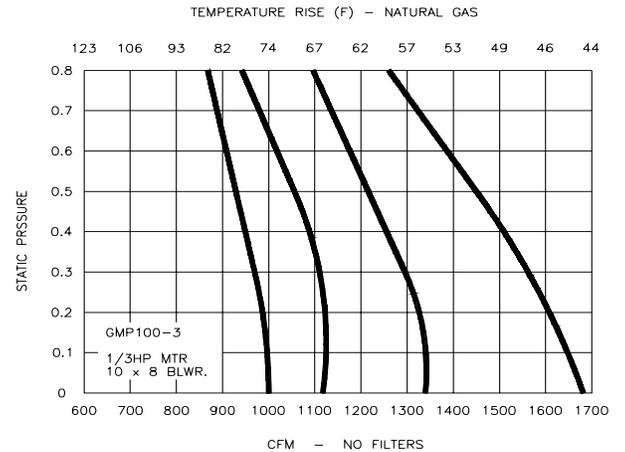
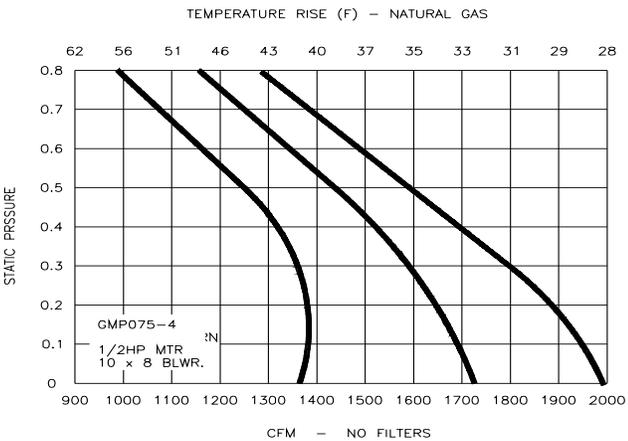
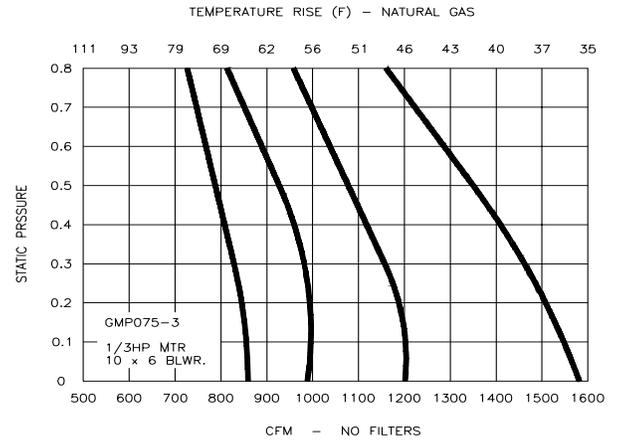
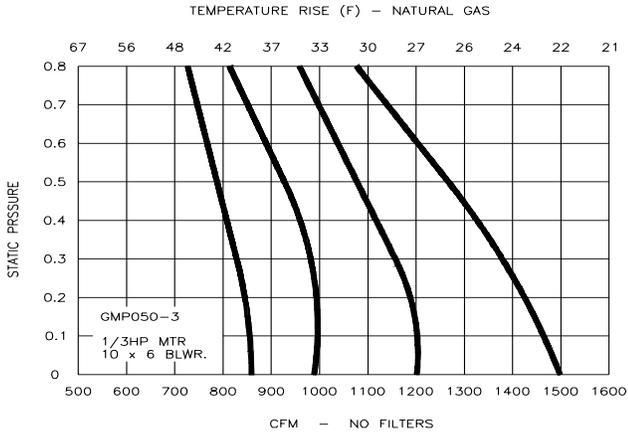
MODEL	A	B	C	DOWNFLOW COMBUSTIBLE FLOOR BASE KIT
050-3 & 075-3	14.0	12.5	12.5	SBM14
075-4 & 100-3 & -4	17.5	16.0	16.0	SBM17
100-5 & 125-4 & -5	21.0	19.5	19.5	SBM21
150-5	24.5	23.0	23.0	SBM24

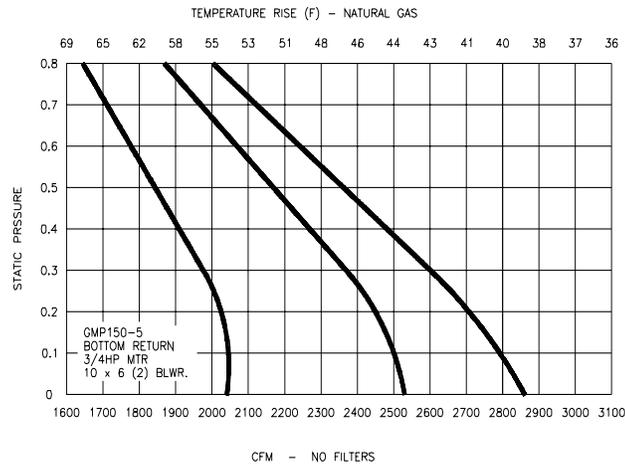
+ Vent connector only

\*Accessibility clearance shall take precedence where greater

**Specifications and Performance Data are Subject to Change Without Notice.**

# AIRFLOW DATA





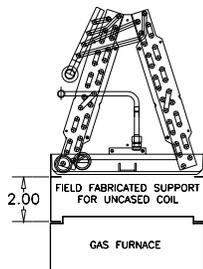
## CASED (U) COIL APPLICATION OPTIONS

COIL MODEL NO.	FURNACE MODEL NO.	GMP050-3 GMP075-3 GMPN060-3 *GSU060-3	GMP075-4 GMP100-3 GMP100-4 GMPV075-1.5/3 GMPN080-4 *GSU080-4	GMP100-5 GMP125-4 GMP125-5 GMPV100-3/5 GMPV125-3/5 GMPN100-4 *GSU100-4	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
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)	

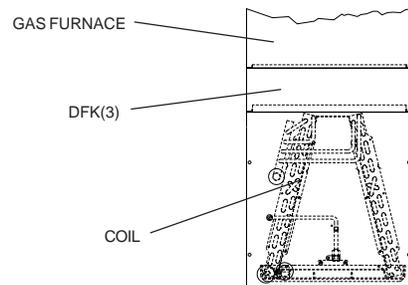
- (1) - Utilizing factory installed bottom cabinet filler plates.  
 (2) - Discard bottom cabinet filler plates.  
 (3) - Downflow Coil Adapter Kit allows use of U coils in downflow applications.  
 \* - Upflow Application only

### UC COIL INSTALLATION RECOMMENDATIONS:

MINIMUM DISTANCE BETWEEN FURNACE AND COIL PAN : 2"



### DOWNFLOW APPLICATIONS



- Note:
- 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.
  - 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.)