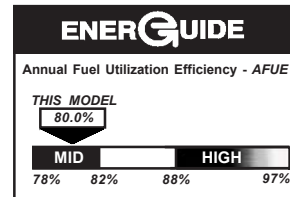




Multi-Position Induced Draft Gas Furnace GMP Series



Description / Application

- All models design certified by ETL and ETL_C 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

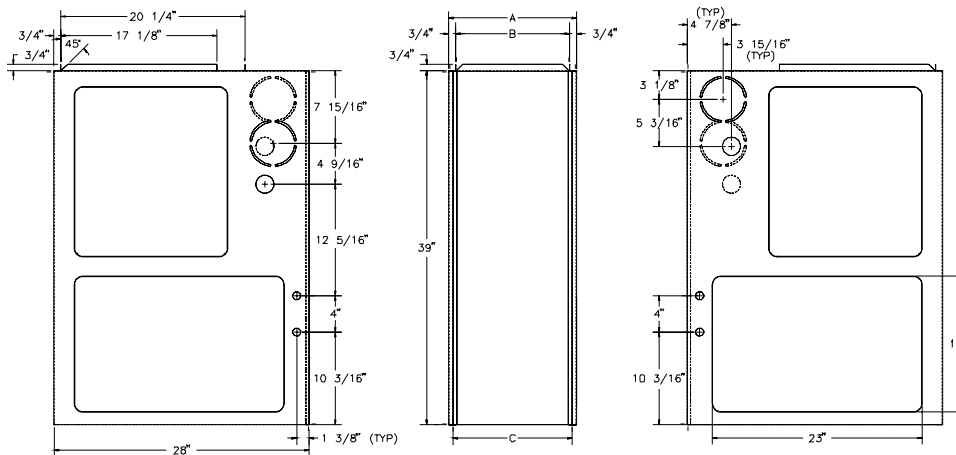
Electrical Characteristics 115/1/60 Gas Service Connection 1/2" FPT

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"	

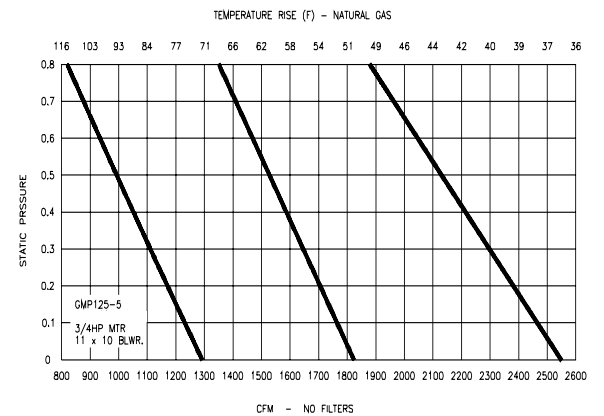
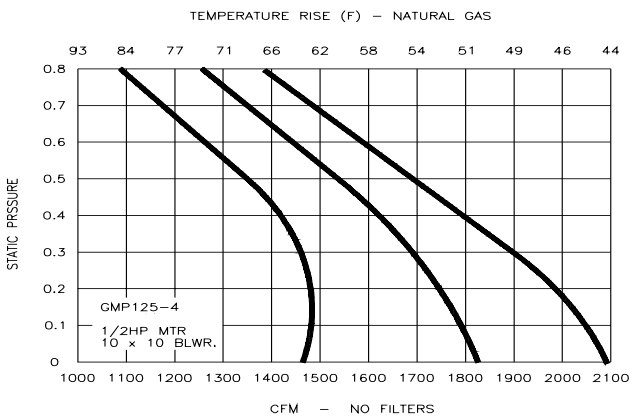
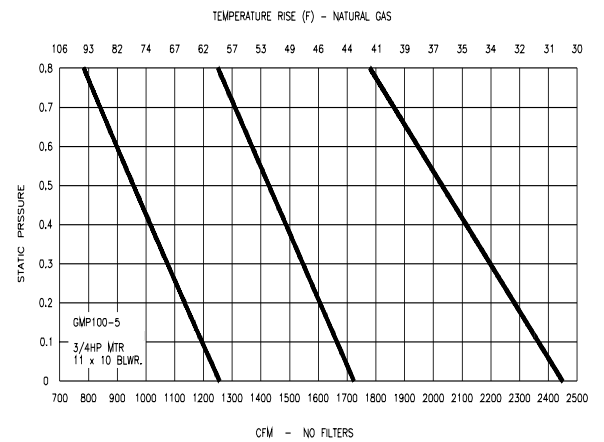
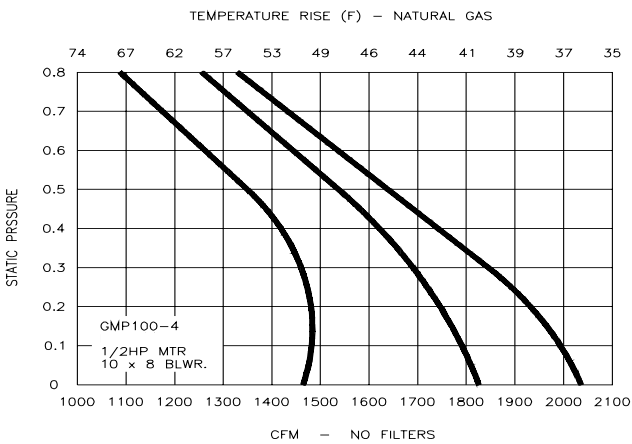
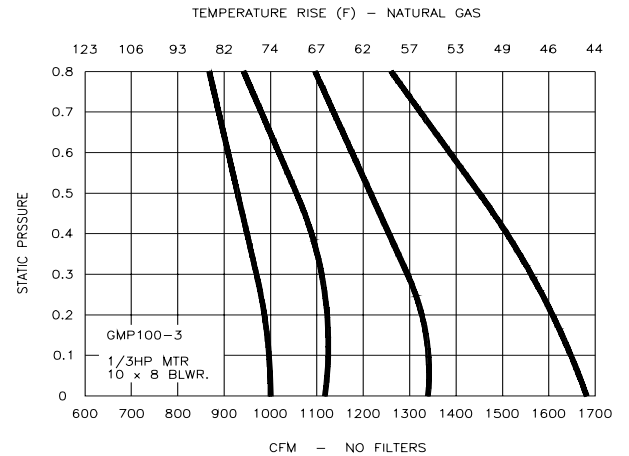
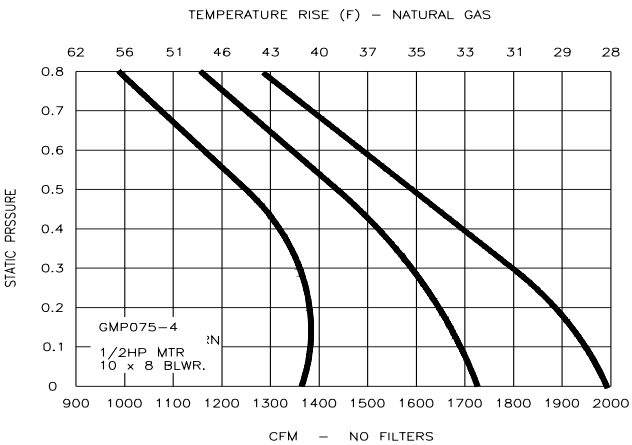
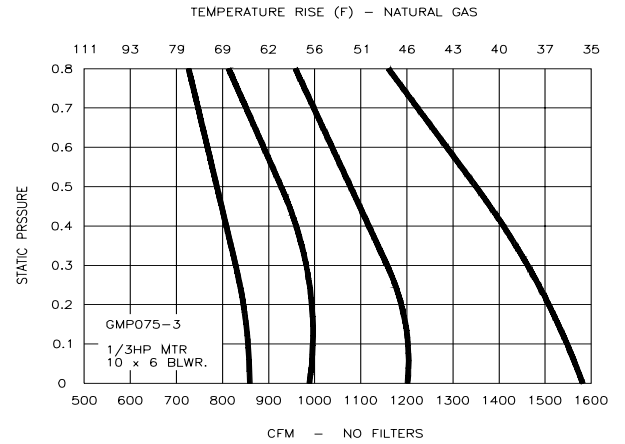
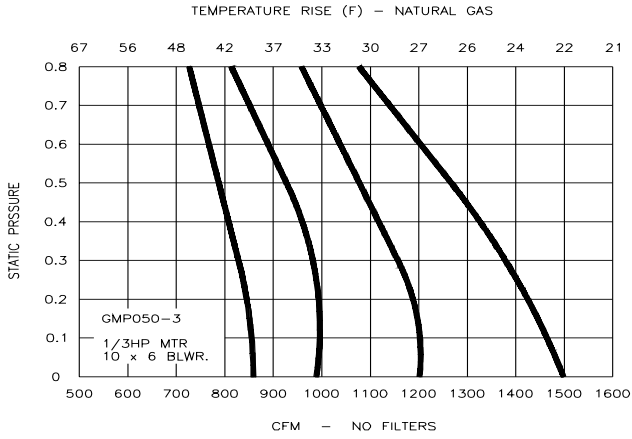
MODEL	A	B	C	DOWNFLOW COMBUSTIBLE FLOORBASE KIT
050-3 & 075-3	14.0	12.5	12.5	SBM14
075-4 & 100-3 & -4	17.5	16.0	16.0	SBM17
100-5 & 125-4 & -5	21.0	19.5	19.5	SBM21
150-5	24.5	23.0	23.0	SBM24

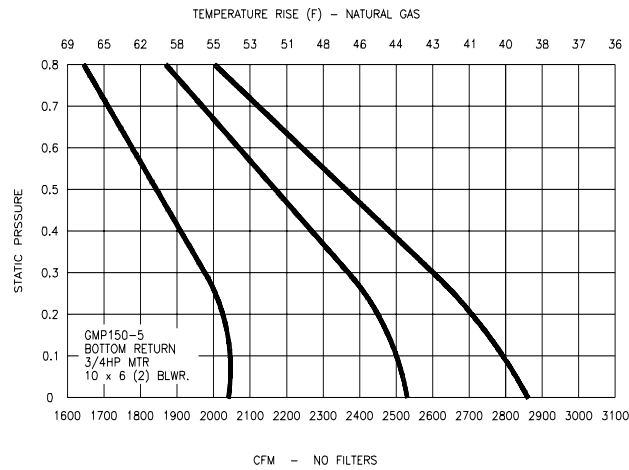
+ Vent connector only

*Accessibility clearance shall take precedence where greater

Specifications and Performance Data are Subject to Change Without Notice.

AIRFLOW DATA





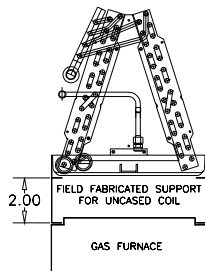
CASED (U) COIL APPLICATION OPTIONS

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)	

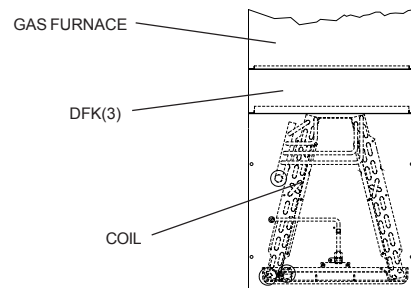
- (1) - Utilizing factory installed bottom cabinet filler plates.
 (2) - Discard bottom cabinet filler plates.
 (3) - Downflow Coil Adapter Kit allows use of U coils in downflow applications.
 * - Upflow Application only

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.)