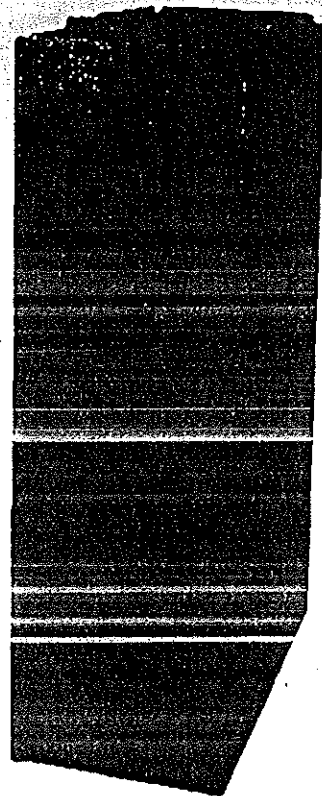




## Upflow Spark Ignition Induced Draft Gas Furnace GUPI Series



### Description / Application

- All models design certified by ETL Testing Laboratories in compliance with National Safety Standards.
- Completely assembled, factory tested furnace for heating or combination heating / cooling application.
- For utility room, closet, alcove or basement application.
- All models can be vertically or horizontally vented with 4" diameter Plexvent gas vent.
- All models can be vertically vented with a water heater using B-1 vent.

### 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.
- Quiet, slotted, multi-port, aluminized steel burners.
- Convenient 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.
- 40 VA transformer for heating and air conditioning control service.
- Combination redundant gas valve and regulator.
- Solid-state blower control.
- Blower door safety switch.
- Energy saving electronic ignition system.
- Alternate bottom, left or right side return air connection provision.
- Quiet operating vent motor.
- Easily removeable base plate.
- Flame roll-out switch.
- Outlet air limit switch.
- Pressure switch for proof of air.

### Optional Equipment

- L.P. conversion kit.

Goodman Manufacturing Company, L.P.  
1501 Seamist • Houston, Texas 77008  
(713) 861 - 2500

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**PERFORMANCE RATINGS**

Model No.	Input* BTUH	Heating Capacity BTUH	DOE** AFUE	Cooling SCFM @ .5 Esp	Heating SCFM @ .2 Esp	Temp. Rise Range
GUP1050-3	46,000	37,000	80.0	1180	900	25-55
GUP1075-3	70,000	56,000	80.0	1180	900	35-65
GUP1075-4	70,000	56,000	80.0	1690	1390	25-55
GUP1100-4	92,000	74,000	80.0	1690	1390	35-65
GUP1100-5	92,000	74,000	80.0	2050	1550	30-80
GUP1120-5	115,000	92,000	80.0	2050	1550	40-70

\* For altitude above 2,000 feet reduce rating 4% for each 1,000 feet 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**

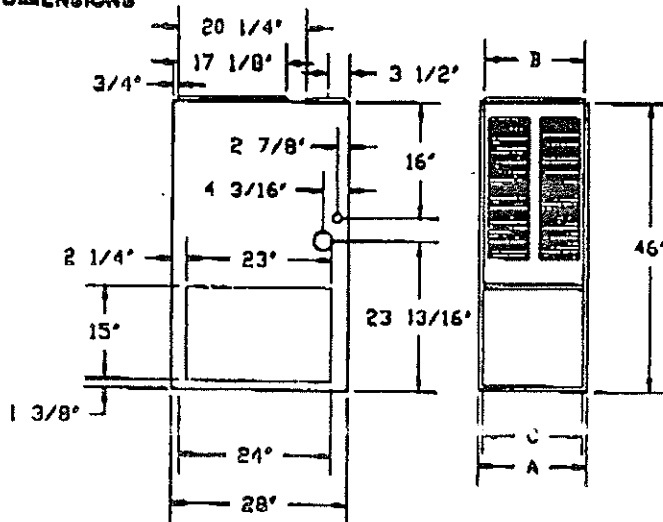
Electrical Characteristics 115/1/20 Gas Service Connection 1/2" FPT

Model	Blower				Vent* Dia. in.	Filter** Size in.	Electrical		Ship Wt.
	Motor		Dia.	Wires			FLA	Max Fuses	
	HP	Speeds							
050-3	1/3	4	10	6	4	14 x 25	6.2	15	130
075-3	1/3	4	10	6	4	14 x 25	6.2	15	155
075-4	1/2	3	10	8	4	16 x 25	7.6	15	168
100-4	1/2	3	10	8	4	16 x 25	7.6	15	175
100-5	3/4	3	11	10	4	20 x 25	8.2	15	190
120-5	3/4	3	11	10	4	20 x 25	8.2	15	200

\* 4" diameter Plexvent may be used for horizontal venting of a single appliance (dedicated venting).

\*\* Filter dimensions for bottom application. All models require 18" x 26" filter(s) for side air installations.

**DIMENSIONS**



Model	A	B	C
050-3	14	12 1/2	12 1/2
075-3	14	12 1/2	12 1/2
075-4	17 1/2	16	16
100-4	17 1/2	16	16
100-5	21	19 1/2	19 1/2
120-5	21	19 1/2	19 1/2

Clearances for Combustible Materials (all models)

Sides	Rear	Top	Front*	Vent	
				Plexvent	B-1
1"	1"	1"	6"	6"	1"

\* Accessibility clearance shall take precedence where greater

Specifications and Performance Data are Subject to Change Without Notice.



March 31, 1994

## PRODUCT ALERT

**Subject: Use of PLEXVENT® Special Gas Vent Products on Propane, LPG and Fuel Oil Fired Appliances**

Plexco recommends that propane, LPG and fuel oil fired units installed with PLEXVENT® Special Gas Vent products be checked as soon as possible by the installing contractor or other qualified HVAC contractor.

Some of these liquified fuels may contain additives that could cause cracking of the vent pipe or separation of the joint on some appliances. These deficiencies may result in leakage of harmful carbon monoxide gas into the household. Due to this possibility, PLEXVENT® Special Gas Vent products will not be offered for propane, LPG or fuel oil service until further notice.

The PLEXVENT® Special Gas Vent pipe and fittings should not be used in installations involving propane, LPG or fuel oil fired appliances until we have researched the reasons for this phenomena and are satisfied of their safety in those applications.

This alert does not apply to the use of PLEXVENT® Special Gas Vent products for venting appliances which use natural gas. Of course all such installations should be in accordance with Plexco's Installation Instructions.





Goodman Manufacturing Company, L.P.  
1501 Seamist / Houston, TX 77008  
(713) 861-2500  
Fax (713) 861-4701

Att: John

Veste

# PRODUCT BULLETIN

P-142

**URGENT  
READ IMMEDIATELY**

DATE: OCTOBER 7, 1994.  
TO: ALL GOODMAN DISTRIBUTORS  
FROM: BARRY W. WATSON  
SUBJECT: HIGH TEMPERATURE PLASTIC VENTING... FOLLOW-UP #1

Recent Product Bulletins P-138, P-140 and P-141 have advised you that we have withdrawn our approval for use of any high temperature plastic for venting of our furnaces and **WE HAVE INSISTED THAT OUR 80% AFUE FURNACES NOT BE HORIZONTALLY (SIDEWALL) VENTED!**

We have also provided you with new Installation and Operating Instructions (IO-137D...9/94) to replace those in GMP/GMPV furnaces that were manufactured prior to September 1994 (9409) that you may have in your or your dealers' inventory.

**THESE INSTALLATION AND OPERATING INSTRUCTIONS MUST BE CHANGED PRIOR TO THE SALE OR INSTALLATION OF A GMP/GMPV FURNACE MANUFACTURED PRIOR TO SEPTEMBER 1994.**

We have also provided you with ample stickers **THAT MUST BE AFFIXED TO THE FURNACE TOP PANEL, ADJACENT TO THE FLUE CHIMNEY, ON ALL GMP/GMPV FURNACES WHEN THE I&O INSTRUCTIONS ARE BEING CHANGED OUT!**

If additional I&O Instructions or stickers are needed, call the Literature Department.

Sincerely,

Barry W. Watson  
Vice President  
Sales & Marketing







Goodman Manufacturing Company, L.P.  
 1501 Saamist/Houston, TX 77008  
 (713) 861-2500  
 Fax (713) 861-4701

*Kelly*  
**PRODUCT  
 BULLETIN**  
 P-135

DATE: APRIL 18, 1994  
 TO: ALL GOODMAN DISTRIBUTORS  
 FROM: MALCOLM SOUTHERN  
 SUBJECT: PLEXCO PRODUCT ALERT

Enclosed please find a copy of a Product Alert we have recently received from Plexco. This Product Alert references warnings regarding the use of Plexvent venting material when used with propane, LPG and fuel oil.

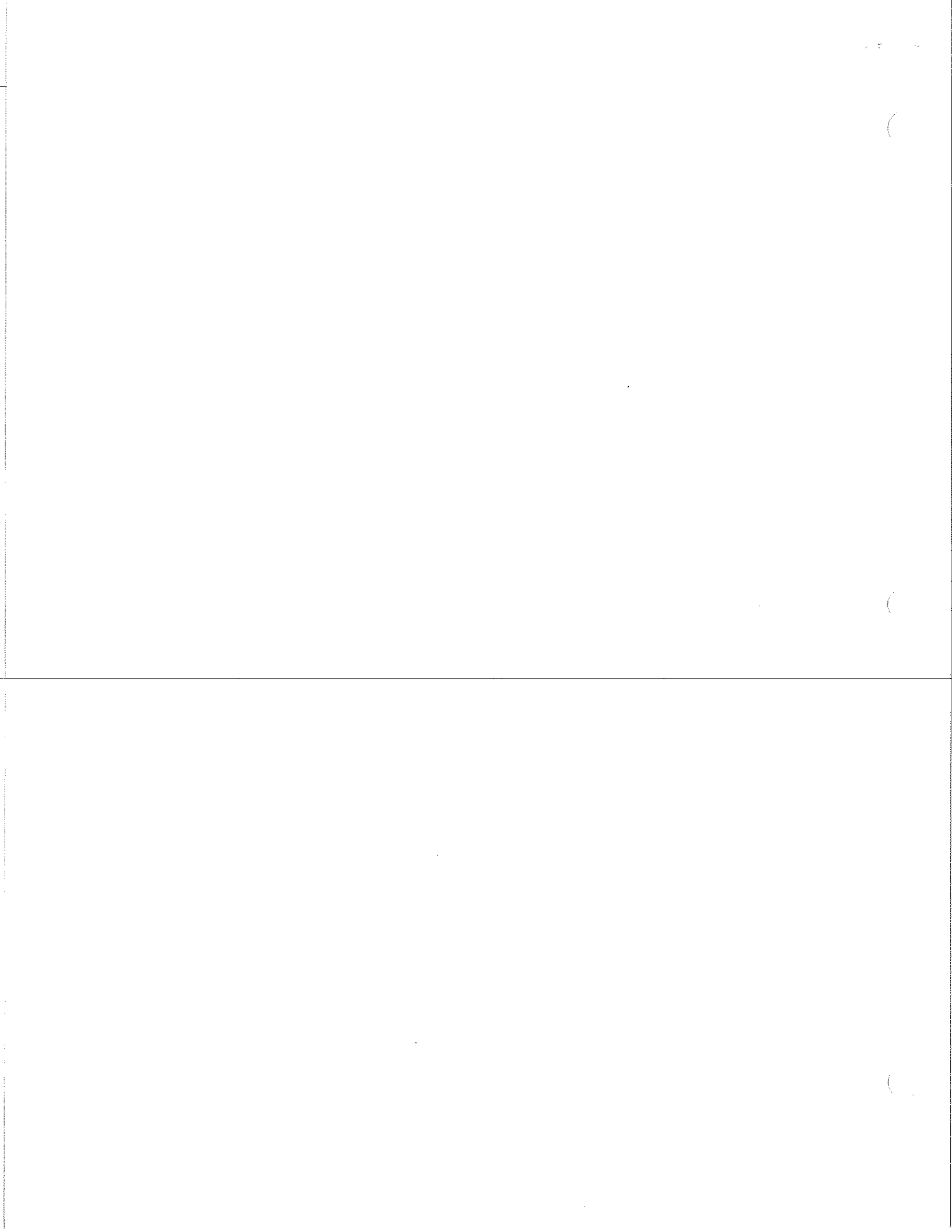
Please display this warning in a prominent place within your showroom/counter area and take any additional appropriate action you deem necessary to alert your customers of this Product Alert.

Hart and Cooley have not placed the same restrictions on their Ultravent product.

For further information regarding this bulletin, please contact PLEXCO at (708) 350-3700.

Sincerely,

Malcolm Southern  
 Chief Engineer, Heating



Those listed below  
FROM: Dan Hansen *DH/mg*  
DATE: March 10, 1994  
SUBJECT: **GOODMAN MANUFACTURING (JANITROL) GMN FURNACE**

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*Mountain Fuel*

It has been brought to our attention that there is a stipulation in the Goodman Manufacturing (Janitrol) GMN furnace installation instructions that prohibits the installation of PVC venting and type 'B' vent in the same chase.

It specifically reads: "Do not install the vent pipe in the same chase with a vent from another gas or other fuel burning appliance, except with another GMN". This is **ONLY** for the Goodman Manufacturing GMN furnace.

Please make this available to all of your field personnel. If you have any questions, please call me on 3301.

mg

Enclosure

TO: W. J. Allen  
J. R. Bennett  
K. Brown  
C. R. Christensen  
M. R. Gardner  
D. Halling  
J. C. Hundley  
S. A. Hutchinson  
G. G. Kimball  
N. D. Littlefield  
D. Pino  
B. C. Rice  
L. Richards  
M. W. Shaw  
J. K. Turner  
G. L. Walker  
T. O. Wheatley  
V. K. Wheatley

Trainers:

D. R. Draper  
J. W. Hinds  
R. K. Holbrook  
M. D. Jaynes  
R. L. Sargent  
C. B. Woodall

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## JANITROL FURNACE ORIFICE SIZING

MODEL NUMBER	NUMBER of ORIFICES	INPUT per BURNER	ELEVATION/FT						
			3000	4000	5000	6000	7000	8000	9000
MBA 040NH2R	2	20,000	47	47	48	48	49	49	50
MBA 060NH3R	3	20,000	47	47	48	48	49	49	50
MBA 080NH3R	4	20,000	47	47	48	48	49	49	50
MBA 100NH4R	5	20,000	47	47	48	48	49	49	50
MBA 120NH5R	6	20,000	47	47	48	48	49	49	50
MBA 140NH5R	7	20,000	47	47	48	48	49	49	50
GMN 060-3	3	20,000	47	47	48	48	49	49	50
GMN 080-4	4	20,000	47	47	48	48	49	49	50
GMN 100-4	5	20,000	47	47	48	48	49	49	50
GMN 120-5	6	20,000	47	47	48	48	49	49	50
GMP 050-3	2	22,500	45	45	46	47	47	48	48
GMP 075-3	3	25,000	44	44	44	45	45	46	47
GMP 100-3	3	33,333	39	39	40	41	41	42	42
GMP 075-4	4	18,750	48	48	49	49	50	50	51
GMP 100-4	4	25,000	44	44	44	45	45	46	47
GMP 125-4	4	31,250	40	41	41	42	42	43	43
GMP 100-5	5	20,000	47	47	48	48	49	49	50
GMP 125-5	5	25,000	44	44	44	45	45	46	47
GMP 150-5	6	25,000	44	44	44	45	45	46	47

Developed by the Research and Development Department - Mountain Fuel Supply - 4/24/95

*High Altitude  
Pressure Sectors*

*Manifold + or - .3" w.c*

