

# Trade Price Book - 2019

Effective 4/1/19



Green Mountain Gas-Fired Boilers

## Customer Service Technical Support

Phone: 800-325-5479  
Fax: 315-724-9319/866-432-7329  
[www.greenmountainboilers.com](http://www.greenmountainboilers.com)

## Corporate Sales

Phone: 877-386-5475  
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## Literature

[literature@ecrinternational.com](mailto:literature@ecrinternational.com)



ECR International: 2201 Dwyer Avenue, Utica, NY 13501  
Tel. 315 797 1310 or 800 325 5479 Fax. 315 724 9319 [www.ecrinternational.com](http://www.ecrinternational.com)

P/N 240011133 Rev. G 3/19

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**TERMS & CONDITIONS OF SALE - GENERAL TERMS**

**PRICES & SPECIFICATIONS:** All pricing and specifications subject to change without notice. The prices herein supersede all prior quotations.

**PAYMENT TERMS:** Net 30 Days

**ORDERS:** Orders will be accepted on the basis of prices in effect at the time the order is received. No order or contract will become an obligation on our part until accepted by the General Sales Department. ECR International shall not be liable for any delay or failure in the delivery or shipment of goods due to any cause or causes beyond its control.

**TAXES:** Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute.

**SHIPMENT**

**TRUCK LOADS:** \$40,000 Net Order Value - Freight Prepaid. Indirect Water Heaters and Commercial Boiler lines can be added to any residential order for freight purposes.

Authorized Distributors can combine Argo, Airco, Dunkirk, EMI, Green Mountain, Olsen, Pennco and Utica and on one purchase order to earn free freight.

Stop off charges of \$150 will apply to stop off locations within 100 miles of final destination. Please call for pricing for stop off special handling for a location further than 100 miles or for special handling pricing for services such as lift gate, unloading assistance, etc.

**LESS THAN TRUCKLOAD SHIPMENT: F.O.B. ECR INTERNATIONAL - FACTORY OR WAREHOUSE**

**ORDER INFORMATION CHECKLIST**

The following information must be included on equipment or parts orders to insure proper shipment & invoicing:

- 1) Purchase Order Number
- 2) Bill To Address
- 3) Ship To Address
- 4) Method of Shipment (i.e. - trailer load, UPS, etc.)
- 5) Requested Ship Date
- 6) Special Instructions (i.e. - "Carrier to call...")
- 7) Pricing
- 8) Product Description (i.e. - Model, Size, Series, etc.)
- 9) Fuel Characteristics (i.e. Oil, Natural Gas, Propane)
- 10) Electrical Characteristics (i.e. - Operating Voltage, Cycles, Phases, etc.)
- 11) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. added to standard equipment).
- 12) Kits or Parts (Orders for kits or parts must indicate equipment size and series).
- 13) Send orders to:

**E-Mail: [ecrorderentry@ecrinternational.com](mailto:ecrorderentry@ecrinternational.com)**

**Fax: 315-724-9319**

- 14) Please note the following Remit To Address:

**ECR International, Inc.  
P.O. Box 8000 Department 039  
Buffalo, NY 14267**

Continued on Next Page

**TERMS & CONDITIONS OF SALE - GENERAL TERMS CONTINUED  
U.S. DISTRIBUTOR - RETURN MATERIAL POLICY - EFFECTIVE 8/18/2014**

To assist in providing the best service to our valued customers, ECR International has developed the following guidelines to help you in the unlikely event that you will need to return merchandise purchased from us. These guidelines have been developed after carefully reviewing common industry practice. We trust that you find them fair and easy to follow.

**Prior Approval Required** - All returns for exchange, credit, repair service or warranty claim must be approved by ECR and require an RMA number prior to return of the material. A request must be completed via ECR International's online web portal. Please log on to [www.ecrcustomerportal.com](http://www.ecrcustomerportal.com) (hyperlink below) to complete your request for return. If you do not already have access to the customer web portal please contact ECR Customer Service at 1-800-325-5479 to be set-up.

**Eligibility** - An RMA Request must be received within 60 days from the date of invoice for returns of New & Unused product in original packaging. A restocking fee of 15% will be charged for all new and unused returns that are approved for return. Special Order Products (items not offered as standard in ECR trade price book) are not eligible for return as new and unused product. Request for Warranty Returns must be made within the period covered by the warranty and must fall under the terms and conditions specified in the warranty.

**Repair Service** - Request for repair or rework of product damaged by customer is classified as Repair Service. Repair Service is billed at \$75.00 per hour for labor and net price for parts used in repair/rework. ECR's Return Material (RM) department will evaluate the items returned for repair service. The customer will receive an estimate for the dollar amount, determined by ECR's RM department, required to complete the repairs requested. A Purchase Order (PO) from the customer for that amount will be required before any work is performed.

**RMA Expiration** - Once the RMA number is issued, the product must be returned within 90 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 90 days from the RMA date will not be accepted.

**Shipping & Packaging** - All returns must have a valid RMA number clearly displayed on the exterior of the package or the package will not be accepted. All returns of new and unused product must be in the original packaging. All returns must be shipped prepaid by the customer unless otherwise directed by ECR as indicated on the RMA Verification. Ship all approved return material to the facility indicated on the approved RMA Request by the date indicated.

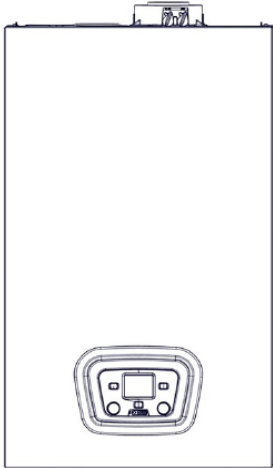
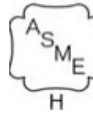
**Replacement Product** - If replacement product is desired it must be indicated on the RMA Request. A PO# is required for the replacement shipment and must be indicated on the RMA Request. All replacement products will be invoiced at the time of shipment. ECR will pay the ground freight for all warranty replacements.

**Application of Credit** - Credit for returned product will be applied to the customer's account (less restocking fees for New and Unused returns) only after confirmation of receipt by ECR and inspection of the product. Issuance of a credit for a partial return of product does not relieve the customer from the obligation to remit payment for the merchandise not returned in accordance with the payment terms referenced on the customer's invoice(s).

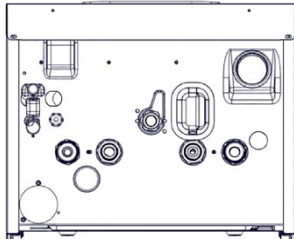
Customer will have the option to have any product that is denied for credit returned at their expense.

<http://www.ecrcustomerportal.com>

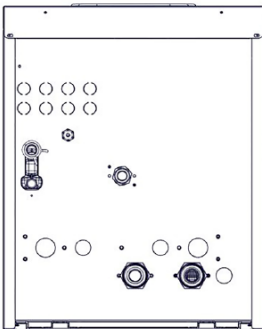
**GMHB/GMCB**  
 NATURAL OR PROPANE  
 MODULATING CONDENSING  
 SPACE HEATING ONLY & COMBI



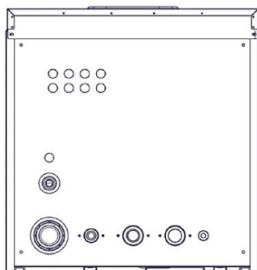
**GMHB 125/160  
 GMCB 150/200  
 Bottom**



**GMHB 227 Bottom**



**GMHB 380 Bottom**



**General Information** (See IOM for complete instructions)

**GMHB 125, 160 & GMCB 150, 200**

Clearances	Combustible Materials (Required) (1)		Service (2)
	Top	Bottom	
1) Required distances measured from boiler.	Top	0" (0 cm)	8-5/8" (2160 mm)
	Left Side	1-3/4" (45 mm)	1-3/4" (45 mm)
	Right Side	1-3/4" (45 mm)	1-3/4" (45 mm)
	Front	1-9/16" (40 mm)	17-3/4" (450 mm)
	Back	0" (0 mm)	0" (0 mm)
	Bottom	0" (0 mm)	9-13/16" (250 mm)
(2) Service, proper operation clearance recomm.	Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

**GMHB 227 & GMHB 380**

Clearances	Combustible Materials (Required) (1)		Service (2)
	Top	Bottom	
1) Required distances measured from boiler.	Top (GMHB227)	0" (0 cm)	11-13/16" (302 mm)
	Top (GMHB380)	0" (0 cm)	15-3/4" (400 mm)
	Left Side	1-3/4" (45 mm)	1-3/4" (45 mm)
	Right Side	1-3/4" (45 mm)	1-3/4" (45 mm)
	Front	1-3/4" (45 mm)	17-3/4" (450 mm)
	Back	0" (0 mm)	0" (0 mm)
	Bottom (GMHB227)	9-7/8" (250 mm)	
	Bottom (GMHB380)		11-13/16" (302 mm)






Connections	Return/Supply Water	Gas In
GMHB 125, 160, 227, 380	1" NPT	3/4" NPT (1" NPT for GMHB380)
GMCB-150 DHW	3/4" NPT	
GMCB-200 DHW	3/4" NPT	

Dimensions								
	GMHB 125, 160	GMCB 150, 200	GMHB227	GMHB380				
Width (A)	17-3/4 (450 mm)	17-3/4 (450 mm)	17-3/4 (450 mm)	23-5/8" (600 mm)				
Height (B)	30" (763 mm)	30" (763 mm)	30" (763 mm)	37-7/16" (951 mm)				
Depth (C)	14" (356 mm)	23" (584 mm)	22-5/8" (585 mm)	25-3/8" (644 mm)				
(NATURAL AND LP GAS - LESS SYSTEM PUMP, COMBI OR HEATING ONLY)								
BOILER MODEL	ITEM NUMBER	TRADE PRICE	INPUT RATE (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	EFF RATING %	VENTING COAXIAL INCHES (mm)	VENTING 2-PIPE (INCHES)
Space Heating Models								
GMHB125	ECR112203800104	\$3,085	122	112	97	95.0	2/4 (60/100)	3
GMHB160	ECR116003800104	\$3,670	160	148	129	95.0	3/5 (80/125)	3 or 2
GMHB227	ECR122703800104	\$7,210	227	210	183	95.0	3/5 (80/125)	3
GMHB380	ECR138003800104	\$10,640	379	348	303	95 (Thermal)	4/6 (110/160)	4
Combi Models								
GMCB150	ECR114703800104	\$3,321						
Central Heating Mode			122	112	97	95.0	2/4 (60/100)	3
Domestic Hot Water Mode			147	112	N/A			
GMCB200	ECR120003800104	\$3,844						
Central Heating Mode			160	148	129	95.0	3/5 (80/125)	3 or 2
Domestic Hot Water Mode			200	148	N/A			
GMHB/GMCB - STANDARD EQUIPMENT								
<b>STANDARD EQUIPMENT:</b>								
-Boiler Control Module: High Limit/Electronic Ignition Control.								
-User Display Interface: Digital Temperature Display with diagnostics and programmable settings.								
-Heat Exchanger: 316L Stainless Steel								
-Stainless Steel Burner								
Combustion:5:1 for all models in heating mode. For Combi Models in DHW Mode: GMCB-150 - 6:1, GMCB-200 - 6.25:1.								
Stainless Steel Burner, Direct Spark Ignition, Separate Flame Sensor.								
-Other: Assembled Boiler with Jacket, 30psi Relief Valve (50 psi for GMHB380 model), Low Water Pressure Sensor, Venting 2-Pipe Adapter, Electrical Power Cord								
GMCB-150 DHW Model: Domestic Hot Water (DHW) Brazed Plate: Stainless Steel with 3.4 GPM @ 77° F rise								
GMCB-200 DHW Model: Domestic Hot Water (DHW) Brazed Plate: Stainless Steel with best in class 4.9 GPM @ 77° F rise								
OPTIONAL ITEMS								
OUTSIDE AIR SENSOR						BD710487302V	\$34	
INDIRECT TANK SENSOR						550003189	\$74	
CSD-1 KIT (INCLUDES HIGH LIMIT AND MANUAL RESET LWCO)						550003332	\$474	
GMHB125/GMCB150 NATURAL GAS TO LP GAS CONVERSION KIT						550003506	\$20	
GMHB160 NATURAL GAS TO LP GAS CONVERSION KIT						550003507	\$20	
GMCB200 NATURAL GAS TO LP GAS CONVERSION KIT						550003546	\$20	
GMHB227 NATURAL GAS TO LP GAS CONVERSION KIT						550003508	\$120	
GMHB380 NATURAL GAS TO LP GAS CONVERSION KIT						550003509	\$120	

**(USE PARTS MULTIPLIER FOR ALL OF THE FOLLOWING)**









**GMHB 125 / GMCB 150 VENTING MATERIALS**

**COAXIAL VENTING 2"/4" (60mm/100mm)**


<b>VENTING COAXIAL</b>	<b>DESCRIPTION</b>	<b>ITEM</b>	<b>TRADE</b>
	Coaxial Pipe 3.28' (1m) Long	KUG714059511	\$37
	Coaxial 90 Elbows	KUG714059711	\$28
	Coaxial 45 Elbows	KUG714059811	\$28
	Horizontal Vent Termination	KUG714059611	\$37
	Vertical Vent Termination	KUG714135812	\$37

**TWIN PIPE POLYPROPYLENE VENTING 3" (80mm)**

Note: Natalini Polypropylene venting is not available in a 2" size

<b>POLYPROPYLENE VENTING</b>	<b>DESCRIPTION</b>	<b>ITEM</b>	<b>TRADE</b>
	Boiler Appliance Twin Pipe Adapters For Polypropylene	KHG714059113	\$16
	80mm Venting Clamp	550003416	\$35
	80mm Clamshell Clamp (5 pack)	550003452	\$34
	80mm Polypropylene Pipe 3.28' (1m) Long	KUG714132610	\$16
	80mm Polypropylene 90 Elbows	KUG714132410	\$11
	80mm Polypropylene 45 Elbows	KUG714132310	\$11
	80mm Horizontal Vent Termination	KUG714132010	\$19
	80mm Vertical Vent Termination	KUG714132110	\$45






**TWIN PIPE CPVC UL1738 / S636 VENTING ADAPTERS**

	<b>DESCRIPTION</b>	<b>ITEM</b>	<b>TRADE</b>
	Boiler Appliance Twin Pipe Adapters For 3" CPVC UL1738 / S636	550003184	\$55

**(USE PARTS MULTIPLIER FOR ALL OF THE FOLLOWING)**









**GMHB 160 / GMCB 200 VENTING MATERIALS**

**COAXIAL VENTING 3"/5" (80mm/125mm)**


VENTING COAXIAL	DESCRIPTION	ITEM	TRADE PRICE
	Coaxial Pipe 3.28' (1m) Long	KHG714088512	\$52
	Coaxial 90 Elbows	KHG714088712	\$28
	Coaxial 45 Elbows	KHG714088812	\$28
	Horizontal Vent Termination	KHG714088911	\$59
	Vertical Vent Termination	KHG714093512	\$83

**TWIN PIPE POLYPROPYLENE VENTING 3" (80mm)**

Note: Natalini Polypropylene venting is not available in a 2" size

POLYPROPYLENE VENTING	DESCRIPTION	ITEM	TRADE
	Boiler Appliance Twin Pipe Adapters For Polypropylene	KHG714089010	\$36
	80mm Venting Clamp	550003416	\$34
	80mm Clamshell Clamp (5 pack)	550003452	\$33
	80mm Polypropylene Pipe 3.28' (1m) Long	KUG714132610	\$16
	80mm Polypropylene 90 Elbows	KUG714132410	\$11
	80mm Polypropylene 45 Elbows	KUG714132310	\$11
	80mm Horizontal Vent Termination	KUG714132010	\$18
	80mm Vertical Vent Termination	KUG714132110	\$44

**TWIN PIPE CPVC UL1738 / S636 VENTING ADAPTER KIT**

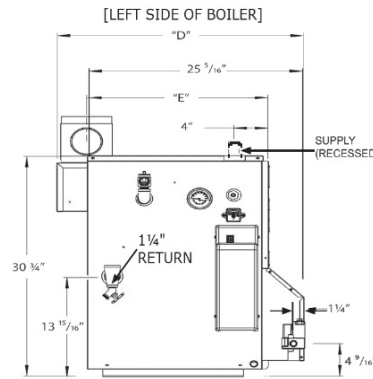
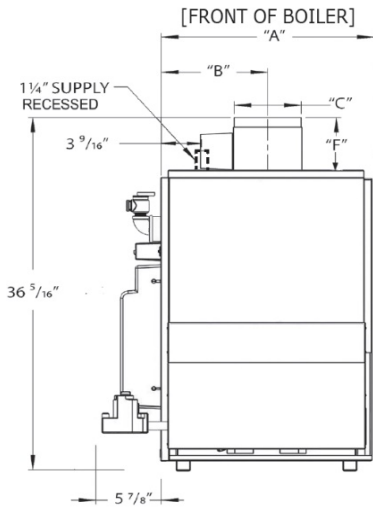
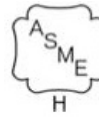
	DESCRIPTION	ITEM	TRADE
	Boiler Appliance Twin Pipe Adapter Kit For 3" CPVC UL1738 / S636	550003403	\$100

**OPTIONAL ITEMS**

OUTSIDE AIR SENSOR	BD710487302V	\$33
DHW SENSOR KIT	550003189	\$72
FLOOR STAND KIT	240010266	\$599



**GMGW Series**  
 NATURAL OR PROPANE  
 HOT WATER BOILER



**General Information** (See IOM for complete instructions)

Clearances	Combustible Materials (Required) (1)	
<b>(1) Required distances measured from boiler.</b>	<b>Top</b>	18" (457 mm)
	<b>Front</b>	Alcove*
	<b>Flue Connector</b>	6" (152 mm)
	<b>Rear</b>	8" (203 mm)
	<b>Control Side</b>	9" (229 mm)
	<b>Other Side</b>	3" (76 mm)

\*Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from front of appliance to leading edge of side walls as shown in IOM.

**PLEASE NOTE: All installations on a combustable floor require combustable floor base. See page 10 for information\***

Connections	Return/Supply Water	Gas In
GMGWB045FE through GMGWB195FE	1-1/4" NPT	1/2" NPT
GMGWB245FE & GMGWB295FE		3/4" NPT
<b>Electrical</b>	120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)	
<b>Water Content</b>	GMGWB045FE - 2.4 Gallons, GMGWB070FE/GMGWB096FE - 4.0 Gallons, GMGWB120FE/GMGWB145FE - 5.6 Gallons, GMGWB170FE/GMGWB195FE - 7.2 Gallons, GMGWB245FE - 8.8 Gallons, GMGWB295FE - 10.4 Gallons	

Dimensions						
Model	A	B	C	D	E	F
GMGWB045FE	11-1/4"	5-5/8"	4"	27-1/8"	20-7/16"	4-15/16"
GMGWB070FE	15-1/8"	7"	5"	28-1/8"	20-15/16"	4-15/16"
GMGWB096FE	15-1/8"	7"	5"	28-1/8"	20-15/16"	4-15/16"
GMGWB120FE	19"	9-1/2"	6"	29-1/8"	21-7/16"	5-7/16"
GMGWB145FE	19"	9-1/2"	6"	29-1/8"	21-7/16"	5-7/16"
GMGWB170FE	22-7/8"	11-3/16"	7"	30-1/8"	21-15/16"	5-15/16"
GMGWB195FE	22-7/8"	11-3/16"	7"	30-1/8"	21-15/16"	5-15/16"
GMGWB245FE	26-3/4"	13-6/16"	8"	31-1/8"	22-7/16"	6-15/16"
GMGWB295FE	30-5/8"	15-5/16"	9"	32-1/8"	22-15/16"	8-15/16"

GMGW SERIES CONTINUED								
(NATURAL GAS - HONEYWELL WITH HYDROLEVEL LWCO - TACO SYSTEM PUMP)								
BOILER MODEL	ITEM NUMBER	TRADE PRICE	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	AFUE RATING %	NO. OF BRNS.	SHIP WGT.
GMGWB045FE	15B204503710204	\$1,939	45	37	32	82.0%	1	255
GMGWB070FE	15B307003710204	\$2,069	70	57	50	82.0%	2	305
GMGWB096FE	15B309603710204	\$2,184	96	79	69	82.0%	2	310
GMGWB120FE	15B412003710204	\$2,402	120	98	85	82.0%	3	355
GMGWB145FE	15B414503710204	\$2,552	145	119	103	82.0%	3	360
GMGWB170FE	15B517003710204	\$2,869	170	140	122	82.0%	4	420
GMGWB195FE	15B519503710204	\$3,180	195	160	139	82.0%	4	425
GMGWB245FE	15B624503710204	\$3,473	245	201	174	82.0%	5	495
GMGWB295FE	15B729503710204	\$3,704	295	242	210	82.0%	6	555
(USE PARTS MULTIPLIER FOR ALL OF THE FOLLOWING)					PN	TRADE		
COMBUSTIBLE FLOOR PLATE GMGWB045FE	See note on next page*				325-2-8.01	\$224		
COMBUSTIBLE FLOOR PLATE GMGWB070FE					325-2-8.02	\$234		
COMBUSTIBLE FLOOR PLATE GMGWB096FE					325-2-8.02	\$234		
COMBUSTIBLE FLOOR PLATE GMGWB120FE					325-2-8.03	\$256		
COMBUSTIBLE FLOOR PLATE GMGWB145FE					325-2-8.03	\$256		
COMBUSTIBLE FLOOR PLATE GMGWB170FE					325-2-8.04	\$256		
COMBUSTIBLE FLOOR PLATE GMGWB195FE					325-2-8.04	\$256		
COMBUSTIBLE FLOOR PLATE GMGWB245FE					325-2-8.05	\$285		
COMBUSTIBLE FLOOR PLATE GMGWB295FE					325-2-8.06	\$313		
GMGWB045FE NATURAL GAS TO LP GAS CONVERSION KIT								
GMGWB070FE NATURAL GAS TO LP GAS CONVERSION KIT					550001280	\$48		
GMGWB096FE NATURAL GAS TO LP GAS CONVERSION KIT					550001281	\$48		
GMGWB120FE NATURAL GAS TO LP GAS CONVERSION KIT					550001282	\$58		
GMGWB145FE NATURAL GAS TO LP GAS CONVERSION KIT					550001283	\$58		
GMGWB170FE NATURAL GAS TO LP GAS CONVERSION KIT					550001282	\$58		
GMGWB195FE NATURAL GAS TO LP GAS CONVERSION KIT					550001285	\$58		
GMGWB245FE NATURAL GAS TO LP GAS CONVERSION KIT					550001286	\$58		
GMGWB295FE NATURAL GAS TO LP GAS CONVERSION KIT					550001287	\$64		
GMGWB045FE LP GAS TO NATURAL GAS CONVERSION KIT					550001270	\$52		
GMGWB070FE LP GAS TO NATURAL GAS CONVERSION KIT					550001271	\$52		
GMGWB096FE LP GAS TO NATURAL GAS CONVERSION KIT					550001272	\$52		
GMGWB120FE LP GAS TO NATURAL GAS CONVERSION KIT					550001273	\$55		
GMGWB145FE LP GAS TO NATURAL GAS CONVERSION KIT					550001274	\$55		
GMGWB170FE LP GAS TO NATURAL GAS CONVERSION KIT					550001273	\$55		
GMGWB195FE LP GAS TO NATURAL GAS CONVERSION KIT					550001276	\$55		
GMGWB245FE LP GAS TO NATURAL GAS CONVERSION KIT					550001277	\$62		
GMGWB295FE LP GAS TO NATURAL GAS CONVERSION KIT					550001278	\$62		
GMGW SERIES STANDARD EQUIPMENT								
<b><u>STANDARD EQUIPMENT:</u></b>								
- Honeywell Control with digital display and diagnostics, monitors water temperature and delays burner from starting until the residual heat energy within the boiler is consumed. Features a built-in low water cut-off (LWCO) to protect the boiler from potentially dangerous low water conditions.- Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.								
- Combustion: Main Gas Burners, Combination 24 Volt Gas Control (Includes: Automatic Gas Valve, Gas Pressure Regulator, Intermittent Pilot, Safety Shutoff, Pilot Flow Adjustment, Pilot Filter)								
- Safety: Spill Switch, Roll-Out Switch, Automatic Vent Damper.								
- Other: Insulated Boiler Jacket, Integral Draft Diverter, Combination Temperature/Pressure Gauge, Circulator Pump, 3/4" Drain Valve, 30lb. ASME Relief Valve.								
See next page for combustibile floor requirements								

**\*COMBUSTIBLE FLOOR REQUIREMENTS:**

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in one (1) of the two (2) following manners. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

1) For installations on combustible flooring a special base part number 325-2-8.01 (1, 2, 3, 4, 5, 6) MUST be used and available through the distributor.

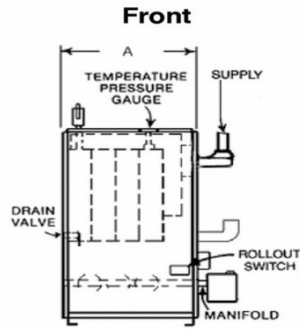
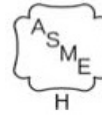
(or)

2) NFPA / ANSI Z223.1, 2015 Edition - section 10.3.3 on a fire resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

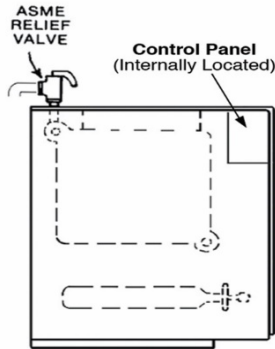
For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.

**GMPVB Series**

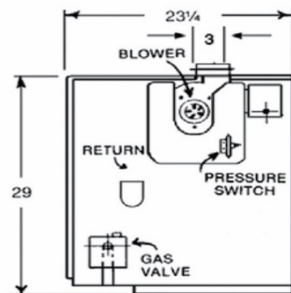
NATURAL OR PROPANE  
HOT WATER BOILER  
INDUCED DRAFT  
CHIMNEY/SIDEWALL VENTED



**Left Side**



**Right Side**



**General Information** (See IOM for complete instructions)

Clearances		Combustible Materials (Required) (1)
(1) Required distances measured from boiler.	Top	6" (152 mm)
	Rear	6" (152 mm)
	Control Side	8" (203 mm)
	Opposite Side	6" (152 mm)
	Front (Alcove*)	18" (457 mm)
	Flue/Vent Connector	6" (152 mm)

\*Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from front of appliance to leading edge of side walls as shown in IOM.

**PLEASE NOTE: All installations on a combustible floor require combustible floor base. See page 12 for information\***

Connections	Return/Supply Water	Gas In
All Models	1-1/4" NPT	1/2" NPT
Electrical	120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)	
Water Content	- 4.25 Gallons, GMPVB-150 - 5.50 Gallons, GMPVB-188 - 6.75 Gallons, GMPVB-225 - 8.00 Gallons	

**Dimensions**

Model	A (Width)	(Height)	(Depth)
GMPVB-42	11"	29"	23-1/4"
GMPVB-75	14-1/4"		
GMPVB-112	17-1/2"		
GMPVB-150	20-3/4"		
GMPVB-188	24"		
GMPVB-225	27-1/4"		

**GMPVB SERIES CONTINUED**

**(NATURAL GAS - WITH TACO SYSTEM PUMP)**

BOILER MODEL	ITEM NUMBER	TRADE PRICE	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	AFUE RATING %	CHIM. CAT. I*	SW CAT. III*	SHIP WGT.
GMPVB-42	FSB204203110204	\$2,150	42	36	31	84.4%	4	3	215
GMPVB-75	FSB307503110204	\$2,425	75	63	55	83.4%	4	3	265
GMPVB-112	FSB411203110204	\$2,675	112	94	82	83.0%	4	3	322
GMPVB-150	FSB515003110204	\$2,993	150	125	109	82.7%	4	3	370
GMPVB-188	FSB618703110204	\$3,505	187	155	135	82.3%	4	4	431
GMPVB-225	FSB722503110204	\$3,839	225	186	162	82.0%	4	4	480

\*Chimney Vented - FSB may be chimney vented - Category I or SW - Sidewall Vented - Category III.  
 Venting: FSB may be vented horizontally using U.L. listed ProTech Fas-N-Seal, Flex-L, Star-34, Z-flex Z-Vent or Heat-Fab Saf-T-Vent stainless steel vent pipe. Horizontal venting with a power venter is an alternate method of sidewall venting. FSB may be vented horizontally using single wall galvanized or Type B vent pipe in conjunction with a Field Controls Power Venter, Model SWG-4D (2-5 section) or SWG-5D (6-7 section). See installation manual for regulations and instructions. FSB may be chimney vented in accordance with National Fuel Gas code.

**(USE PARTS MULTIPLIER FOR ALL OF THE FOLLOWING)**

	PN	TRADE
GMPVB NATURAL GAS TO LP GAS CONVERSION KIT (ALL SIZES)	550002722	\$87
GMPVB LP GAS TO NATURAL GAS CONVERSION KIT (ALL SIZES)	43300660	\$95
COMBUSTIBLE FLOOR PLATE FOR ALL CAPACITIES	See below*	
TJERNLUND VH-1-3" SIDE WALL VENT HOOD (FSB 2-5)	14629010	\$241
TJERNLUND VH-1-3" SIDE WALL VENT HOOD (FSB 6-7)	14629011	\$287

**GMPVB SERIES - STANDARD EQUIPMENT**

**STANDARD EQUIPMENT:**

- Boiler Control Module: Recessed Honeywell Control (High Limit/Electronic Ignition Control).
- User Display Interface: Digital Temperature Display.
- Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.
- Combustion: Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold consisting of: Automatic Redundant Combination Gas Valve, 24 Volt Intermittent Pilot Control, Continuous Retry 100% Shut Off, Combination Pilot Burner/Electrode/Flame Sensor.
- Electrical: 24 Volt Transformer, Service Switch.
- Safety: Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (vent safety shutoff) with Spare Fuse Link included.
- Other: Assembled Boiler with Insulated Jacket, Induced Draft Fan, Combination Temperature/Pressure Gauge, Circulator Pump, 3/4" Drain Valve, 30lb. ASME Relief Valve.

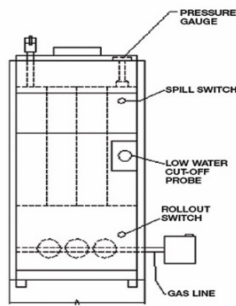
**\*COMBUSTIBLE FLOOR REQUIREMENTS:**

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

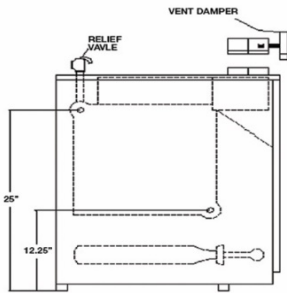
A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

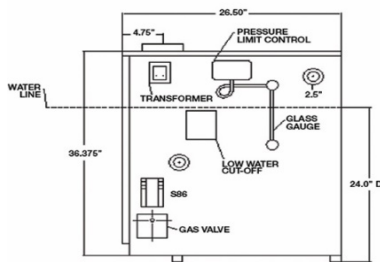
For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.



Front



Left Side



Right Side



**General Information** (See IOM for complete instructions)

Clearances	Combustible Materials (Required) (1)	
	(1) Required distances measured from boiler.	Top
	Left Side	7" (178 mm)
	Right Side	6" (152 mm)
	Front	Alcove*
	Back	6" (152 mm)
	Flue Connector	6" (152 mm)

\*Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from front of appliance to leading edge of side walls as shown in IOM.

**PLEASE NOTE: All installations on a combustible floor require combustible floor base. See page 15 for information\***

Connections	Supply	Return
		Two 2-1/2"
Electrical	120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)	

Dimensions	
Model	A "Width"
GMGS075E	11-1/4"
GMGS112E	14-1/2"
GMGS150E	17-3/4"
GMGS187E	21"
GMGS225E	24-1/4"
GMGS262E	27-1/2"
GMGS299E	30-3/4"

GMGS SERIES CONTINUED									
(NATURAL GAS)									
BOILER MODEL	ITEM NUMBER	TRADE PRICE	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	AHRI NET SQ. FT. STEAM	AFUE RATING %	FLUE DIA.	SHIP WGT.
GMGS075E	16B307503100204	\$2,472	75	62	47	196	82.7%	5"	297
GMGS112E	16B411203100204	\$2,765	112	91	68	283	82.0%	6"	368
GMGS150E	16B515003100204	\$3,089	150	122	92	383	82.0%	6"	440
GMGS187E	16B618703100204	\$3,531	187	153	115	479	82.0%	7"	512
GMGS225E	16B722503100204	\$3,943	225	183	137	571	82.0%	7"	584
GMGS262E	16B826203100204	\$4,356	262	214	161	671	82.0%	7"	659
GMGS299E	16B929903100204	\$4,641	299	245	184	767	82.0%	7"	736
(LP GAS)									
Note: These units are not built as LP Gas Models. Ratings shown are for models converted to LP using LP Conversion Kits.									
BOILER MODEL	ITEM NUMBER	TRADE PRICE	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	AHRI NET SQ. FT. STEAM	AFUE RATING %	FLUE DIA.	SHIP WGT.
GMGS075E	16B307503100204	\$2,472	70	58	44	183	82.7%	5"	297
GMGS112E	16B411203100204	\$2,765	105	85	64	267	80.4%	6"	368
GMGS150E	16B515003100204	\$3,089	140	114	86	358	80.6%	6"	440
GMGS187E	16B618703100204	\$3,531	175	143	107	446	80.9%	7"	512
GMGS225E	16B722503100204	\$3,943	210	171	128	533	81.1%	7"	584
GMGS262E	16B826203100204	\$4,356	245	200	150	625	81.3%	7"	659
GMGS299E	16B929903100204	\$4,641	280	229	172	717	81.5%	7"	736
(USE PARTS MULTIPLIER FOR ALL OF THE FOLLOWING)						PN	TRADE		
3 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300723	\$51		
4 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300724	\$51		
5 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300725	\$51		
6 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300726	\$61		
7 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300727	\$61		
8 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300728	\$61		
9 SECTION NATURAL GAS TO LP GAS CONVERSION KIT						43300729	\$61		
4 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300632	\$137		
5 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300633	\$137		
6 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300634	\$137		
7 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300635	\$137		
8 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300636	\$137		
9 SECTION LP GAS TO NATURAL GAS CONVERSION KIT						43300637	\$164		
COMBUSTIBLE FLOOR PLATE FOR ALL CAPACITIES						See next page*			
WF2 WATER FEEDER USED WITH PS802 LWCO						1630001	\$488		

**GMGS SERIES CONTINUED**

**GMGS SERIES - STANDARD EQUIPMENT**

**STANDARD EQUIPMENT:**

- Boiler Controls: LWCO (Probe Type), Pressure Limit Control, Steam Pressure Gauge, Gauge Glass.
- Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples, (2) - 2-1/2" Supply Tappings; (2) - 2-1/2" Return Tappings.
- Combustion: Completely installed and wired gas control system consisting of: Titanium Composite Burners, Gas Manifold with Orifices, Automatic Redundant Combination Gas Valve 24 Volt, with Pilot Filter and Regulator, Intermittent Pilot Control, Continuous Retry 100% Shut-Off, Combination Pilot Burner/Electrode/Flame Sensor and Integral Draft Diverter
- Electrical: 24 Volt Transformer.
- Safety: Flame Roll-Out Safety Shut-Off Fuse Link (Roll-Out Switch) and Blocked Vent Safety Shut-Off Manual Reset Disc Thermostat (Spill Switch) with Spare Fuse Link included. 15 psi ASME Pop Safety Valve.
- Other: Cast Iron Boiler with Insulated Jacket; Boiler Drain.

**\*COMBUSTIBLE FLOOR REQUIREMENTS:**

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

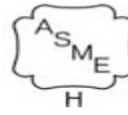
A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

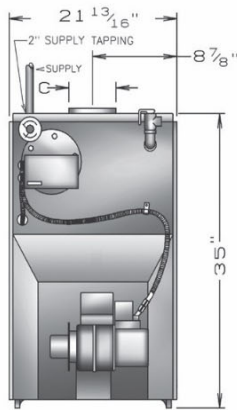
For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.



**GMOW SERIES**  
OIL CHIMNEY VENT  
WATER BOILER



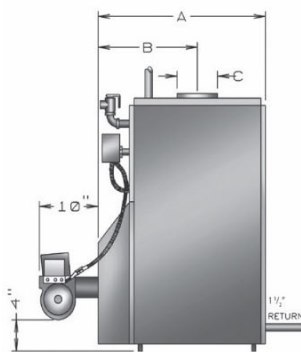
**Front View**



**General Information** (See IOM for complete instructions)

<b>Clearances</b>		<b>Combustible Materials (Required) (1)</b>
<b>(1) Required distances measured from boiler.</b>	<b>Top</b>	24" (610 mm)
	<b>Front</b>	24" (610 mm)
	<b>Flue</b>	9" (229 mm)
	<b>Rear</b>	6" (152 mm)
	<b>Sides</b>	6" (152 mm)
<b>Connections</b>	Supply Tapping - 2", Return Tapping 1-1/2" NPT, Oil Line 3/8" O.D. copper tubing for runs of 50 feet or less, and 1/2" O.D. for longer runs.	
<b>All Models</b>		
<b>Electrical</b>	120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)	
<b>Water Content</b>	GMOW3/T - 10.5 Gallons, GMOW4/T - 13.5 Gallons, GMOW5/T - 16.5 Gallons, GMOW6/T - 19.5 Gallons	

**Side View**



Model	Input Rate G.P.H.	Tankless Heater Number	Tankless Heater Cap. Intermittent
GMOW3/T	0.85	T3	3
	1.00	T3	3.25
GMOW4/T	1.00	T4	3.25
	1.25	T4	3.75
	1.45	T4	4
GMOW5/T	1.60	T4	4
	1.85	T4	4.25
GMOW6/T	1.75	T4	4.25
	2.10	T4	4.5

**Dimensions**

Number of Sections	A (Depth of Flush Jacket)	B (Front of Jacket to Center Line of Flue)	C (Flue Outlet Diam.)
3	17-7/8"	11-1/4"	6"
4	21-1/2"	12-5/8"	6"
5	25-1/8"	14-1/4"	7"
6	29-1/4"	15-15/16"	8"

**LESS BURNER - CHIMNEY VENTED - CAST OVER**

**TACO SYSTEM PUMP**

BOILER MODEL	ITEM NUMBER	TRADE PRICE	NO. OF SEC.	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	FIRING RATE G.P.H.	AFUE RATING %	SHIP WGT.
GMOW-3100	GMA310020210404	\$2,505	3	140	119	103	1.00	84.0	534
GMOW-4145	GMA414520210404	\$2,724	4	203	173	150	1.45	84.0	668
GMOW-5185	GMA518520210404	\$3,193	5	259	221	192	1.85	84.0	781
GMOW-6210	GMA621020210404	\$3,657	6	294	252	219	2.10	84.0	901

**LESS BURNER - CHIMNEY VENTED - WITH TANKLESS COIL**

**TACO SYSTEM PUMP**

BOILER MODEL	ITEM NUMBER	TRADE PRICE	NO. OF SEC.	INPUT (MBH)	HTG. CAP. (MBH)	AHRI NET (MBH)	FIRING RATE G.P.H.	AFUE RATING %	SHIP WGT.
GMOW-3100T	GMA310022210404	\$2,740	3	140	119	103	1.00	84.0	534
GMOW-4145T	GMA414522210404	\$2,920	4	203	173	150	1.45	84.0	668
GMOW-5185T	GMA518522210404	\$3,425	5	259	221	192	1.85	84.0	781
GMOW-6210T	GMA621022210404	\$3,890	6	294	252	219	2.10	84.0	901

**GMOW SERIES - OPTIONS/ADD. EQUIPMENT**

**PN**

**TRADE**

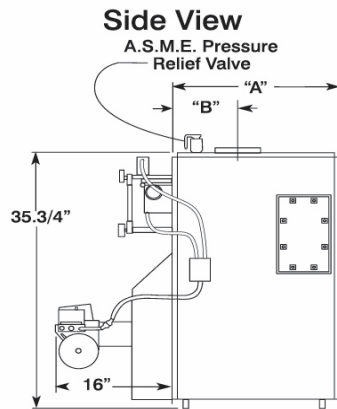
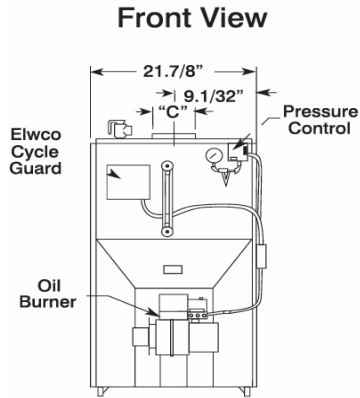
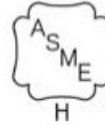
GMOW3 TANKLESS COIL KIT P3	550003611	\$331
GMOW4-6 TANKLESS COIL KIT	550003612	\$394
GMOW3 BECKETT BURNER IN BOX KIT	550003617	\$819
GMOW4 BECKETT BURNER IN BOX KIT	550003618	\$819
GMOW5 BECKETT BURNER IN BOX KIT	550003619	\$819
GMOW6 BECKETT BURNER IN BOX KIT	550003620	\$819
GMOW3/4/5/160 REILLO BURNER IN A BOX KIT KIT F5	550003621	\$995
GMOW5 REILLO BURNER IN A BOX KIT KIT F10	550003622	\$1,135
GMOW6 REILLO BURNER IN A BOX KIT KIT F10	550003623	\$1,135

**GMOS SERIES - STANDARD EQUIPMENT**

**STANDARD EQUIPMENT:**

- Boiler Controls: Hydrolevel Fuel Smart Control
- Heat Exchanger: Cast Iron Heat Exchanger with Cast Iron Push Nipples. Swing out Burner Door.
- Combustion: Oil Burner, Target Wall/Liner.
- Electrical: Wiring Harness, Burner Electrical Disconnect.
- Other: Crated Boiler, Flush Jacket, Circulator- 1¼", Supply Tapping-2", Return Tapping-1 1/2", Temperature Pressure Gauge, Safety Relief Valve, Drain Valve.
- For Tankless Heater Units add Tankless Hot Water Coil and Triple Combination High Limit/Low Limit/Circulator Control

**GMOS SERIES**  
OIL  
STEAM BOILER



**General Information** (See IOM for complete instructions)

Clearances	Combustible Materials (Required) (1)	
	(1) Required distances measured from boiler.	<b>Top</b>
<b>Left Side (Control Side)</b>		6" (152 mm)
<b>Right Side</b>		24" (610 mm)
<b>Front</b>		24" (610 mm)
<b>Back</b>		24" (610 mm)
<b>Flue Connector</b>		9" (229 mm)

**Connections** Supply Tapping Two 2" NPT, Return Tapping 1-1/2", Oil Line 3/8" O.D. copper tubing for runs of 50 feet or less, and 1/2" O.D. for longer runs.

**Electrical** 120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)

**Tankless Heater Capacities**

Model	Input Rate G.P.H.	Tank-less Heater Number	Tankless Heater Capacity Intermittent Draw G.P.M.	Boiler Water Content (Gallons)	
				To Water Line	To LWCO Line
GMOS-3	0.90	L-24	2.0	11	8
GMOS-4	1.25		4.5	13	9
GMOS-5	1.85		4.5	15	10
GMOS-6	2.10		4.5	15	10

**Dimensions**

No. of Sec.	A (Length of Flush Jacket)	B (Front of Jacket to Center Line of Flue Outlet)	C (Flue Outlet Diameter)
3	16-3/8"	6-1/2"	6"
4	20-1/4"	8-1/2"	6"
5	23-5/8"	10-1/4"	7"
6	27-1/2"	8-5/16"	8"

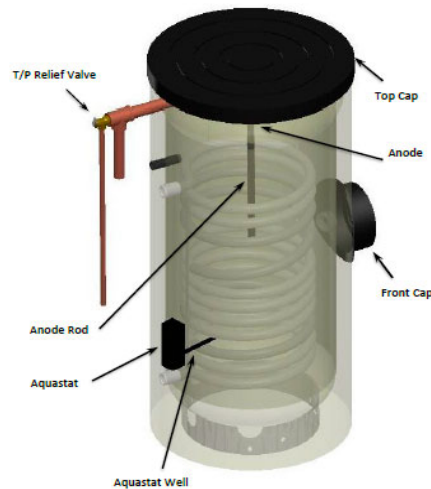
<b>GMOS SERIES CONTINUED</b>											
<b>(LESS BURNER - WITH TANKLESS COVER PLATE)</b>											
<b>BOILER MODEL</b>	<b>ITEM NUMBER</b>	<b>TRADE PRICE</b>	<b>No. of Sec.</b>	<b>INPUT (MBH)</b>	<b>HTG. CAP. (MBH)</b>	<b>AHRI NET (MBH)</b>	<b>AHRI NET SQ. FT. STEAM</b>	<b>Fir. Rate GPH</b>	<b>AFUE RATING %</b>	<b>SHIP WGT.</b>	
GMOS-3090	GMB309021100504	\$3,044	3	126	106	80	333	0.90	82.0%	534	
GMOS-4125	GMB412521100504	\$3,281	4	175	147	110	458	1.25	82.0%	688	
GMOS-5185	GMB518521100504	\$3,749	5	259	216	162	675	1.85	82.0%	781	
GMOS-6210	GMB621021100504	\$4,331	6	294	247	185	771	2.10	82.0%	901	
<b>GMOW SERIES - OPTIONS/ADD. EQUIPMENT</b>							<b>PN</b>	<b>TRADE</b>			
GMOS3 BECKETT AFG BURNER IN BOX KIT							550003613	\$819			
GMOS4 BECKETT AFG BURNER IN BOX KIT							550003614	\$819			
GMOS5 BECKETT AFG BURNER IN BOX KIT							550003615	\$819			
GMOS6 BECKETT AFG BURNER IN BOX KIT							550003616	\$819			
<b>GMOS SERIES - STANDARD EQUIPMENT</b>											
<b><u>STANDARD EQUIPMENT:</u></b>											
- Boiler Controls: Honeywell Pressuretrol, Boiler Water Level Gauge Glass, and Steam Pressure Gauge.											
- Heat Exchanger: Cast Iron Heat Exchanger with Cast Iron Push Nipples, Swing Door.											
- Combustion: Beckett Oil Burner, Target Wall/Liner.											
- Electrical: Wiring Harness, Burner Electric Disconnect.											
- Safety: Electronic Low Water Cut Off.											
- Other: Crated Boiler, Flush Jacket, ASME Relief Valve, Drain Valve, Plastic Cover, Two 2" Supply Tappings, 1-1/2" Return Tapping and Skim Port.											
- For Tankless Heater Units: Add Tankless Hot Water Coil and 4006 Limit Control.											

## H2O GL SERIES

### GLASS LINED INDIRECT WATER HEATER



GMGL40I MODEL SHOWN



Note: Working pressure 150 psi for all capacities

#### General Information (See IOM for complete instructions)

Model	Piping Connections NPT		Dia. (Inches)	Height (Inches)
	Domestic Water In/Out (Inches)	Boiler Water In/Out (Inches)		
GMGL30I	1	1	24	33
GMGL40I	1	1	24	45
GMGL50I	1	1	24	51
GMGL80I	1	1	30	48
GMGL105I	1	1	30	62

#### H2O GL SERIES INDIRECT WATER HEATERS

SKU	MODEL	TRADE PRICE	STOR. CAP. (Gals.)	BTU/H MIN. BOILER OUTPUT	MAX 1ST HR FLOW RATINGS GAL./HR.	SHP. WGT. (LBS)
H2OIG30GM	GMGL30I	\$1,120	31	75	116	119
H2OIG40GM	GMGL40I	\$1,241	42	105	198	180
H2OIG50GM	GMGL50I	\$1,396	53	110	212	200
H2OIG80GM	GMGL80I	\$1,979	79	110	228	243
H2OIG105GM	GMGL105I	\$3,082	106	115	270	393

H2O GL SERIES OPTIONS/ADDITIONAL EQUIPMENT	PN	TRADE
ANODE KIT; 30 GAL.	550003640	\$32
ANODE KIT; 40-50 GAL.	550003505	\$32
ANODE KIT; 80-105 GAL.	550003527	\$63
GMGL40I MODEL SHOWN	240012211	\$25
PLASTIC TOP CAP 80-105 GAL.	240012239	\$34
PLASTIC FRONT CAP	240012212	\$8
T & P VALVE 3/4, 100XL-8	240010926	\$45
AQUASTAT WELL	AQ-020.01	\$30
AQUASTAT L4080B1352	240009521	\$124
FLANGE CAP 40-50 GAL.	240012250	\$34
FLANGE CAP 80-105 GAL.	240012251	\$12
FLANGE GASKET 40-50 GAL.	240012210	\$2
FLANGE GASKET 80-105 GAL.	240012238	\$4
HARDWARE KIT 40-50 GAL.	550003510	\$4
HARDWARE KIT 80-105 GAL.	550003525	\$4

#### H2O GL SERIES INDIRECT WATER HEATER STANDARD EQUIPMENT

**STANDARD EQUIPMENT:** Smooth enameled coil, magnesium anode rod and temperature pressure relief valve, Honeywell Aquastat. Water tank temperature gauge.