

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance Certificate

NO. 4-(1558.5, .6, .7, -2.7,
-3.7 & -5.7).001

BASIC MODEL TEST DATE DECEMBER 31, 19 66

TYPE OF APPLIANCE Steam or Hot Water Boiler

TESTED UNDER STANDARDS Z21.13

TRADE NAME American-Standard

NUMBER G-2 Series

GASES Natural and Mixed

COMPANY American Standard, Inc.-Hydronics Division

ADDRESS Buffalo, New York

American Gas Association, Inc., hereby certifies that it has examined the design of the appliance(s) constructed as indicated by the Laboratories' description set forth in appendices attached hereto. The appliance design(s) has (have) been found to comply with applicable parts of the standards indicated above, and the manufacturer may display on it (them) the Laboratories' Certification Seal for Appliances, which has been registered in the U. S. Patent Office by the Association. This Certificate is not assignable nor transferable without written consent of the Association and is revocable if any attempt is made to apply it to

any appliance or appliances not designed and constructed exactly in accordance with the unit herein described. This certificate expires at the end of the calendar year 1971. The manufacturer or other party to whom this certificate is issued has signed either the Application for Certification of Appliances or Accessories or the Distributor's Listing Agreement applicable to such year, and the certification is subject to all the terms and conditions specified therein.

ISSUED AT Cleveland, Ohio EFFECTIVE

THIS 1st DAY OF January, 19 71

AMERICAN GAS ASSOCIATION, INC.

BY F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971



26313

4-(1558.5, .6, .7, -2.7, -3.7 & -5.7).001
 G-2 Series
 Natural and Mixed

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
G-23-B, -C, -D, -F, -G, -P, -S, -W	60,000	48,000
G-24-B, -C, -D, -F, -G, -P, -T, -S, -W	90,000	72,000
G-25-B, -C, -D, -F, -G, -P, -T, -S, -W	120,000	96,000
G-26-C, -D, -F, -G, -P, -T, -S, -W	150,000	120,000
G-27-C, -D, -F, -G, -P, -T, -S, -W	180,000	144,000
G-28-C, -D, -F, -G, -T, -S, -W	210,000	168,000
G-29-C, -D, -F, -G, -T, -S, -W	240,000	192,000
G-210-C, -D, -F, -G, -T, -S, -W	270,000	216,000
G-211-C, -D, -F, -G, -T, -S, -W	300,000	240,000

The G-D models (except G-23-D) with suffix C shown above are for closet installation on combustible flooring at the following clearances to combustible construction:

Top	24 in.
Front	6 in.
Rear	3 in.
Rear	0 in.
Flue Connection	6 in.

The G-F models and G-23-D are for installation on combustible flooring with the following clearances to combustible construction:

<u>Model No.</u>	<u>Top in.</u>	<u>Front in.</u>	<u>Flue connections in.</u>	<u>Rear in.</u>	<u>Right in.</u>	<u>left in.</u>
G-23-DC	56	6	6	3	5	5
G-23-FC	56	6	6	3	5	5
G-24-FC	56	6	6	3	4	4
G-25-FC	56	6	6	3	2	2
G-26-FC	56	6	6	3	2	2
G-27-FC	56	7	6	3	1	1
G-28-FC	56	8	6	3	1	1,
G-29-FC	56	8	6	3	1	1
G210-FC	56	9	6	3	1	1
G211-FC	56	9	6	3	1	1

For installation on combustible flooring when equipped with a floor shield.

Detailed descriptive data is attached hereto.

AMERICAN GAS ASSOCIATION, INC.,
 LABORATORIES

RJH/pr

26314

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

NO. 4-(1558-1.5, -1.7, -2.7,
-4.7 & -5.7).001 BASIC MODEL TEST DATE DECEMBER 31, 19 66

TYPE OF APPLIANCE Steam or Hot Water Boilers

TESTED UNDER STANDARDS Z21.13

TRADE NAME American-Standard

NUMBER G-2 Series

GASES Liquefied Petroleum

COMPANY American Standard, Inc.-Hydronics Division

ADDRESS Buffalo, New York

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AMERICAN GAS ASSOCIATION, INC.

BY F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971

4-(1558-1.5, -1.7, -2.7, -4.7 & -5.7).001
G-2 Series
Liquefied Petroleum

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
G-23-B, -C, -D, -F, -G, -P, -S, -W	60,000	48,000
G-24-B, -C, -D, -F, -G, -P, -T, -S, -W	90,000	72,000
G-25-B, -C, -D, -F, -G, -P, -T, -S, -W	120,000	96,000
G-26-C, -D, -F, -G, -P, -T, -S, -W	150,000	120,000
G-27-C, -D, -F, -G, -P, -T, -S, -W	180,000	144,000
G-28-C, -D, -F, -G, -T, -S, -W	210,000	168,000
G-29-C, -D, -F, -G, -T, -S, -W	240,000	192,000
G-210-C, -F, -D, -G, -T, -S, -W	270,000	216,000
G-211-C, -D, -F, -G, -T, -S, -W	300,000	240,000

Models with suffix C are for installation on combustible flooring when equipped with a floor shield.

Detailed descriptive data is attached to certificate No. 4-(1558.5, .6, .7, -2.7, -3.7 & -5.7).001 covering this appliance for operation on natural and mixed gases.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr

TABLE I
G-2 GAS BOILER
CONTROLS AND TRIM

TEMPERATURE LIMIT CONTROL - A.G.A. Test Required

Location - Front 3/4" Tapping - Left End Section

M.H. L-4062B
M.H. L-4006A
M.H. L-4080B ---- STANDARD
M.H. L-6006A
G.C. L-52

Location - Side 3/4" Tapping - Left End Section

M.H. L-4006A
M.H. L-4080B ---- STANDARD
M.H. L-6006A
M.H. L-8024 ---- With Tankless Heater
M.H. L-8048
G.C. L-52
M.H. L-4062B ---- With Circulator Control

PRESSURE LIMIT CONTROL - A.G.A. Listing Required

M.H. L-404A
M.H. PA-404A ---- STANDARD
G.C. L-39

PILOT BURNERS - A.G.A. Test Required

M.H. Q-327A
Penn-Baso D-311 ---- STANDARD
G.C. PG-9A Pilot Generator

THERMOCOUPLES - A.G.A. Test Required

M.H. Q-309A ---- STANDARD
M.H. Q-313A Powerpile
Penn-Baso #87 F&D
Penn-Baso #88 F&D

PILOT SAFETY VALVES - A.G.A. Listing Required

Penn-Baso A-817F ---- For 100% Shutoff (Dual Pilots Only)
G.C. MR-2
M.H. C-588

TABLE II

G-2 GAS BOILER
CONTROLS AND TRIM

PILOT SAFETY SWITCH - A.G.A. Listing Required

Penn-Baso A-850-1 ---- Non-100% Shutoff
Penn-Baso 852-A ---- 100% Shutoff
M.H. C-434A

DUAL GAS CHANGEOVER CONTROL - A.G.A. Listing Required

M.H. L-6008C1040

AUTOMATIC GAS VALVE - A.G.A. Test Required

M.H. V-8146	24 V, Oil-Filled	- Comb. Gas Valve	----	STANDARD
M.H. V-8139	24 V, BiMetal	" "	" "	" "
M.H. VS-8138	Millivolt	" "	" "	" "
G.C. B-57	24 V	" "	" "	" "
G.C. B-67	Millivolt	" "	" "	" "
M.H. V-80	24 V	- Gas Valve Only	" "	" "
G.C. B-50	24 V	" "	" "	" "

GAS PRESSURE REGULATOR - A.G.A. Test Required

Thermac
Maxitrol ---- Not Required With Standard Controls

LEAK LIMITING DEVICE - A.G.A. Test Required

Type C
Ball Check Type ---- Not Required With Standard Controls

MANUAL SHUTOFF VALVES - A.G.A. Listing Required

Schoenberger
Thermac ---- Not Required With Standard Controls

LOW WATER CUTOFF - A.G.A. Listing Required

McDonnell #67AR
McDonnell #67GAR ---- STANDARD (Steam Boilers Only)

TRANSFORMER - A.G.A. Listing Required

M.H. AT30	20 VA	----	STANDARD
M.H. AT72	40 VA		
G.C. 4B220	20 VA		
G.C. 4A420	40 VA		

TABLE III
G-2 GAS BOILER
CONTROLS AND TRIM

ACCESSORIES

The following controls or boiler trim normally supplied with our boilers in accordance with usage or A.S.M.E. Code are to be listed with A.G.A.

Thermostat - Controls Division CB-52502

Theraltimeter and Pressure Gauge - U. S. Gauge and
Marsh Instrument Co.
(Model Numbers to be
assigned by vendor).

Junction Box - 4" x 4" Raco #190 or equivalent

Water Gauge - Consolidated Brass Co. #20-405

Circulator - Bell & Gossett #125 Booster

Water Feeders - McDonnell #101

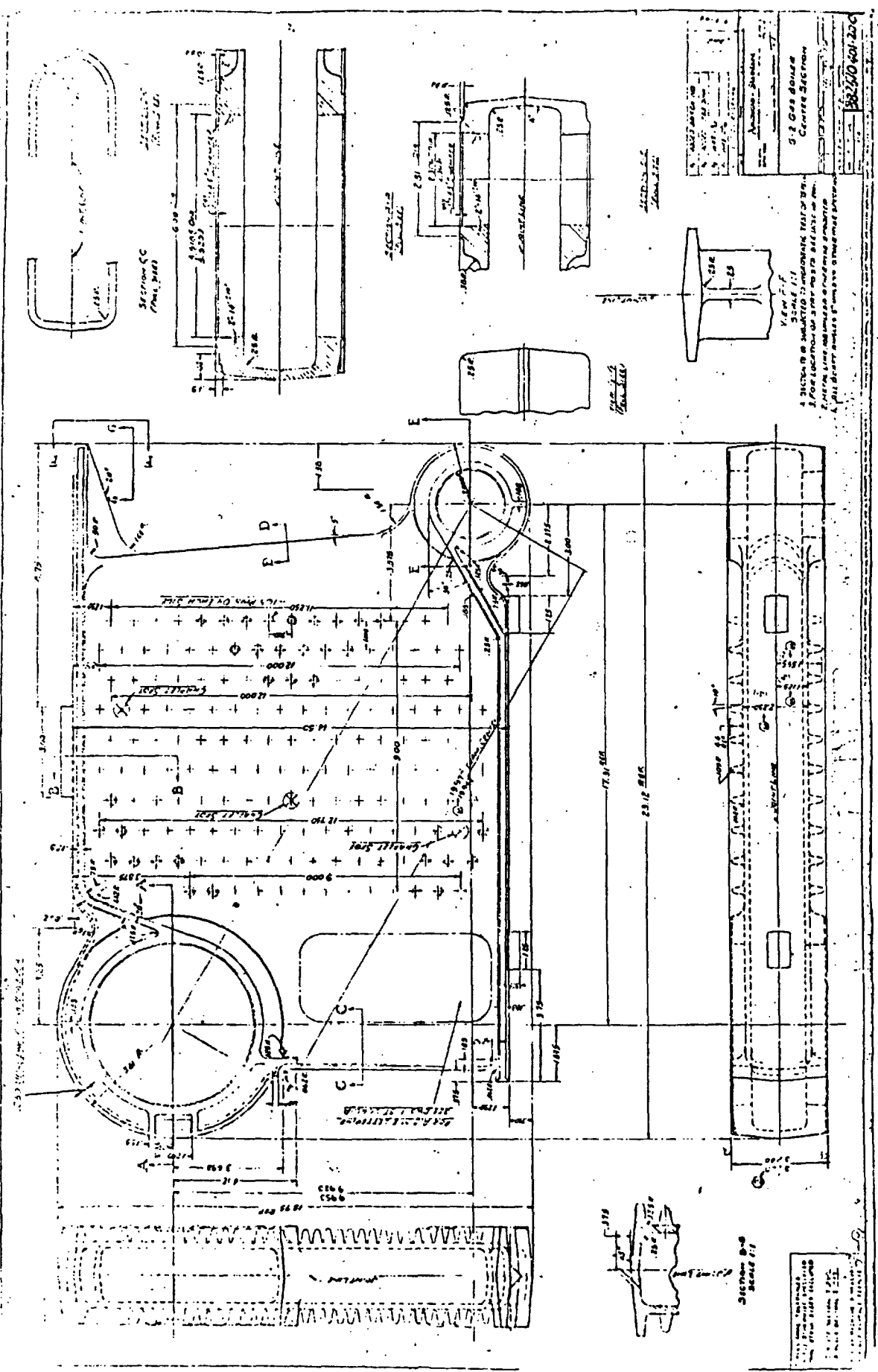
Zone Valves - Controls Division ZV-20000

Relief Valves - Watts 3/4" 330

Safety Valves - Consolidated Brass Co. #13-101

WIRING

18-Gauge, Two-Conductor, U.L.-Labeled, Low-Energy, Safety
Circuit Wire.



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AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

NO. 4-(2297.0, -1.0, -2.0, .1, -1.1 BASIC MODEL TEST DATE DECEMBER 31, 19 68
.2 & -2.2).001

TYPE OF APPLIANCE Hot Water Heater

TESTED UNDER STANDARDS Z21.13

TRADE NAME American-Standard

NUMBER GPM Series

GASES Natural and Mixed

COMPANY American Standard, Inc.-Hydronics Division

ADDRESS Buffalo, New York

American Gas Association, Inc., hereby certifies that it has examined the design of the appliance(s) constructed as indicated by the Laboratories' description set forth in appendices attached hereto. The appliance design(s) has (have) been found to comply with applicable parts of the standards indicated above, and the manufacturer may display on it (them) the Laboratories' Certification Seal for Appliances, which has been registered in the U. S. Patent Office by the Association. This Certificate is not assignable nor transferable without written consent of the Association and is revocable if any attempt is made to apply it to

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ISSUED AT Cleveland, Ohio EFFECTIVE

THIS 1st DAY OF January, 19 71

AMERICAN GAS ASSOCIATION, INC.

BY F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971

26295

4-(2297.0, -1.0, -2.0, .1, -1.1, .2 & -2.2).001
GPM Series
Natural and Mixed

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
GPM-3	66,000	52,800
GPM-4	99,000	79,200
GPM-5	132,000	105,600
GPM-6	165,000	132,000
GPM-7	198,000	158,400
GPM-8	231,000	184,800
GPM-3R	60,000	48,000
GPM-4R	90,000	72,000
GPM-5R	120,000	96,000
GPM-6R	150,000	120,000
GPM-7R	180,000	144,000
GPM-8R	210,000	168,000

For installation in a closet on combustibile flooring with the following minimum clearances to combustibile construction:

Top	56 in.
Front	6 in.
Flue Connection	6 in.
Left side	10 in.
Right side	3 in.
Rear	4 in.

May have prefix GPMX in place of prefix GPM to indicate units provided with an expansion tank, automatic fill valve and automatic air vent.

Detailed descriptive data is attached hereto.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

NO. 4-(1558.5, .6, .7, -2.7,
-3.7 and -5.7).001-6X BASIC MODEL TEST DATE DECEMBER 31, 19 66

TYPE OF APPLIANCE	Steam or Hot Water Boiler
TESTED UNDER STANDARDS	Z21.13
TRADE NAME	Kewanee
NUMBER	K-2 Series
GASES	Natural and Mixed
COMPANY	Kewanee Boiler Corporation
ADDRESS	Kewanee, Illinois

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AMERICAN GAS ASSOCIATION, INC.

BY

F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971

26297

4-(1558.5, .6, .7, -2.7, -3.7 and -5.7).001-6X
K-2 Series
Natural and Mixed

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
K2-3-B, -C, -D, -F, -G, -P, -S, -W	60,000	48,000
K2-4-B, -C, OD, -F, -G, -P, -T, -S, -W	90,000	72,000
K2-5-B, -C, -D, -F, -G, -P, -T, -S, -W	120,000	96,000
K-2-6-C, -D, -F, -G, -P, -T, -S, -W	150,000	120,000
K-2-7-C, -D, -F, -G, -P, -T, -W, -W	180,000	168,000
K-2-9-C, -D, -F, -G, -T, -S, -W	240,000	192,000
K-2-10-C, -D, -F, -G, -T, -S, -W	270,000	216,000
K-2-11-C, -D, -F, -G, -T, -S, -W	300,000	240,000

The K2 models with suffix C are for installation on combustible flooring when equipped with insulated floor pan and radiation shield.

A detailed description on these appliances is on file at the American Gas Association, Inc., Laboratories, 8501 East Pleasant Valley Road, Cleveland, Ohio 44131, and may be obtained, upon request, with the consent of the manufacturer.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

NO. 4-(2297-1.0, -1.1 & -1.2).001-6X BASIC MODEL TEST DATE DECEMBER 31, 1968

TYPE OF APPLIANCE	Hot Water Boiler
TESTED UNDER STANDARDS	Z21.13
TRADE NAME	Kewanee
NUMBER	KM Series
GASES	Liquefied Petroleum
COMPANY	Kewanee Boiler Corporation
ADDRESS	Kewanee, Illinois

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AMERICAN GAS ASSOCIATION, INC.

BY

F. Donald Hart
Director Laboratories



F. DONALD HART
Managing Director

1971

26293

4-(2297-1.0, -1.1 & -1.2).001-6X

KM Series

Liquefied Petroleum

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
KM-3R	60,000	48,000
KM-4R	90,000	72,000
KM-5R	120,000	96,000
KM-6R	150,000	120,000
KM-7R	180,000	144,000
KM-8R	210,000	168,000

For installation on combustible flooring.

May have prefix KMK in place of prefix KM.

A detailed description on these appliances is on file at the American Gas Association, Inc., Laboratories, 8501 East Pleasant Valley Road, Cleveland, Ohio 44131, and may be obtained upon request, with the consent of the manufacturer.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

4-(2297.0, -1.0, -2.0, .1, -1.1
NO. .2 & -2.2).001-6X BASIC MODEL TEST DATE DECEMBER 31, 1968

TYPE OF APPLIANCE	Hot Water Boiler
TESTED UNDER STANDARDS	Z21.13
TRADE NAME	Kewanee
NUMBER	KM Series
GASES	Natural and Mixed
COMPANY	Kewanee Boiler Corporation
ADDRESS	Kewanee, Illinois

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BY

F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971

26285

4-(2297.0, -1.0, -2.0, .1, -1.1, .2 & -2.2).001-6X
KM Series
Natural and Mixed

<u>Model Nos.</u>	<u>Tatings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
KM-3	66,000	52,000
KM-4	99,000	79,000
KM-5	132,000	105,000
KM-6	165,000	132,000
KM-7	198,000	158,400
KM-8	231,000	184,800
KM-3R	60,000	48,000
KM-4R	90,000	72,000
KM-5R	120,000	96,000
KM-6R	150,000	120,000
KM-7R	180,000	144,000
KM-8R	210,000	168,000

For installation on combustible flooring.

May have prefix KMK in place of prefix KM.

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Appliance *Certificate*

NO. 4-(2297-1.0, -1.1 & -1.2).001 BASIC MODEL TEST DATE DECEMBER 31, 19 68

TYPE OF APPLIANCE	Hot Water Boiler
TESTED UNDER STANDARDS	Z21.13
TRADE NAME	American-Standard
NUMBER	GPM Series
GASES	Liquefied Petroleum
COMPANY	American Standard, Inc.-Hydronics Division
ADDRESS	Buffalo, New York

American Gas Association, Inc., hereby certifies that it has examined the design of the appliance(s) constructed as indicated by the Laboratories' description set forth in appendices attached hereto. The appliance design(s) has (have) been found to comply with applicable parts of the standards indicated above, and the manufacturer may display on it (them) the Laboratories' Certification Seal for Appliances, which has been registered in the U. S. Patent Office by the Association. This Certificate is not assignable nor transferable without written consent of the Association and is revocable if any attempt is made to apply it to

any appliance or appliances not designed and constructed exactly in accordance with the unit herein described. This certificate expires at the end of the calendar year 1971. The manufacturer or other party to whom this certificate is issued has signed either the Application for Certification of Appliances or Accessories or the Distributor's Listing Agreement applicable to such year, and the certification is subject to all the terms and conditions specified therein.

ISSUED AT Cleveland, Ohio EFFECTIVE

THIS 1st DAY OF January, 19 71

AMERICAN GAS ASSOCIATION, INC.

BY

F. Donald Hart
Director, Laboratories



F. DONALD HART
Managing Director

1971

26287

4-(2297-1.0, -1.1 & -1.2).001
GPM Series
Liquefied Petroleum

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
GPM-3R	60,000	48,000
GPM-4R	90,000	72,000
GPM-5R	120,000	96,000
GPM-6R	150,000	120,000
GPM-7R	180,000	144,000
GPM-8R	210,000	168,000

For installation in a closet on combustible flooring with the minimum clearances to combustible construction:

Top	56 in.
Front	6 in.
Flue Connection	6 in.
Left side	10 in.
Right Side	3 in.
Rear	4 in.

May have prefix GPMX in place of prefix GPM to indicate units provided with an expansion tank, automatic fill valve and automatic air vent.

Detailed descriptive data is attached to certificate No. 4-(2297.0, -1.0, -2.0, .1, -1.1, .2 & -2.2).001 covering this appliance for operation on natural and mixed gases.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr

AMERICAN GAS ASSOCIATION INC. LABORATORIES



Appliance *Certificate*

NO. 4-(2297.0, -1.0, -2.0, .1, -1.1
.2 & -2.2).001 BASIC MODEL TEST DATE DECEMBER 31, 19 68

TYPE OF APPLIANCE	Hot Water Heater
TESTED UNDER STANDARDS	Z21.13
TRADE NAME	American-Standard
NUMBER	GPM Series
GASES	Natural and Mixed
COMPANY	American Standard, Inc.-Hydronics Division
ADDRESS	Buffalo, New York

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4-(2297.0, -1.0, -2.0, .1, -1.1, .2 & -2.2).001
GPM Series
Natural and Mixed

<u>Model Nos.</u>	<u>Ratings - Btu per hour</u>	
	<u>Input</u>	<u>Output</u>
GPM-3	66,000	52,800
GPM-4	99,000	79,200
GPM-5	132,000	105,600
GPM-6	165,000	132,000
GPM-7	198,000	158,400
GPM-8	231,000	184,800
GPM-3R	60,000	48,000
GPM-4R	90,000	72,000
GPM-5R	120,000	96,000
GPM-6R	150,000	120,000
GPM-7R	180,000	144,000
GPM-8R	210,000	168,000

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Detailed descriptive data is attached hereto.

AMERICAN GAS ASSOCIATION, INC.,
LABORATORIES

RJH/pr