

RECEIVED

OCT 19 REC'D

BUILDING

CONSTRUCTION PERMIT
APPLICATION

Page 1

I. IDENTIFICATION

1. Proposed Work at: 247 SPRUCEWOOD

2. Owner Name: L GALLO Tel. () 920 7058
Address: 247 Sprucewood

3. Principal Contractor: DOVER OIL CO Tel. () 349-1551
Address: 239 Dover RD

Lic. No. or Builder Reg. No. 3095 Federal Emp. No. 21 0623 744

4. Architect or Engineer: _____ Tel. () _____
Address: _____

5. Responsible Person in Charge of Work: DREW J ALLENZO Tel. () 3491552

II. PROPOSED WORK

A. TYPE OF WORK

1. ☐ Minor Work (Single Trade)
2. ☐ Small Job (\$5,000 and no Prior Approvals)
Complete only II.B., III and IV.A. and Page 2
3. ☐ New Building
4. ☐ Addition
5. ☐ Alteration
6. ☒ Repair, Replacement
7. ☐ Demolition
8. ☐ Other: _____

B. CATEGORIES OF WORK

Permit/Category	Estimated
1. ☐ Building/Structural	\$ _____
2. ☐ Plumbing	_____
3. ☐ Electrical	_____
4. ☐ Fire Protection	_____
5. ☐ Other _____	_____
6. ☐ Other _____	_____
TOTAL COST	\$ <u>7,110.</u>

C. DO YOU WANT:

1. ☐ Partial Releases 2. ☐ Prototype Processing

D. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Dumbwaiters
2. ☐ High-Pressure Boilers
3. ☐ Refrigeration Systems
4. ☐ Pressure Vessels
5. ☐ Hazardous Uses/Places of Assembly
6. ☐ Cross-connections/Backflow Preventors
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells

III. DESCRIPTION OF BUILDING USE (USE GROUPS)

A. RESIDENTIAL

1. ☐ Hotels (R-1)
2. ☐ Multi-Family (R-2)
HMD Reg. No.: _____
3. ☐ Two Family (R-3b)
4. ☐ One-Family (R-3a)

If new construction, enter no. of dwelling units: _____

If other than new construction, enter no. of dwelling units: _____

Before Construction: _____
After Construction: _____
Net Gain (or loss): _____

B. NON-RESIDENTIAL

- | | |
|---|---|
| 5. ☐ Theatres with Stage (A-1-A) | 16. ☐ Institutional Detention Center (I-1) |
| 6. ☐ Movie Theatres (A-1-B) | 17. ☐ Hospitals, Infirmeries (I-2) |
| 7. ☐ Night Clubs (A-2) | 18. ☐ Group Homes (I-3) |
| 8. ☐ Restaurants, Libraries, Museums (A-3) | 19. ☐ Mercantile (M) |
| 9. ☐ Religious Assembly (A-4) | 20. ☐ Moderate-Hazard Warehouse (S-1) |
| 10. ☐ Outdoor Assembly (A-5) | 21. ☐ Low-Hazard Warehouse (S-2) |
| 11. ☐ Business (B) | 22. ☐ Temporary, Misc. (U) |
| 12. ☐ Educational (E) | 23. ☐ Other _____ |
| 13. ☐ Moderate-Hazard Factory (F-1) | |
| 14. ☐ Low-Hazard Factory (F-2) | |
| 15. ☐ High-Hazard (H) | |

State Specific Use: _____

If Change in Use Group, Indicate Former: _____

IV. BUILDING CHARACTERISTICS

A. OWNERSHIP

1. ☐ Private (Individual, Corp., Non-profit Inst., Etc.)
2. ☐ Public (State, County or Local Govt.)

B. HEATING FUEL

Principal	Secondary	Type
3. ☒	☐	Gas
4. ☐	☐	Oil
5. ☐	☐	Electric
6. ☐	☐	Solid (Wood, Coal, Etc.)
7. ☐	☐	Propane
8. ☐	☐	Solar
9. ☐	☐	Other _____

C. TYPE OF SEWAGE DISPOSAL

10. ☐ Public or Private Company
11. ☐ Private (Septic Tank, Etc.)

D. TYPE OF WATER SUPPLY

12. ☐ Public or Private Company
13. ☐ Private (Well, Etc.)

E. BUILDING CHARACTERISTICS

14. No. of Stories _____
15. Height of Structure _____ Ft.
16. Area—Largest Floor _____ Sq. Ft.
17. Bldg. Area—All Fls. _____ Sq. Ft.
18. Volume of Structure _____ Cu. Ft.
19. Total Land Area Disturbed _____ Sq. Ft.

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION

I hereby certify that I am the owner of the property listed on Page 1. This dwelling is to be occupied by myself and is not to be used for any purpose, other than single family residential use.

- A. ☐ I further certify that I prepared the plans submitted. This statement is made in accordance with the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)vii.
- B. ☐ I further certify that I will perform the work below.
- B1. ☐ Building B2. ☐ Electrical B3. ☐ Plumbing
- C. ☐ I further certify that a new home will be constructed on this property, for my use and occupancy. I attest that all design, construction, plumbing, or electrical work will be done by me or by subcontractors under my supervision, in accordance with all applicable laws; and further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.A.C. 46:3B-1 et. seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.
- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

SIGNATURE _____ DATE _____

II. AGENT SECTION

I hereby certify that the work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

AGENT NAME

Dover oil co

TEL.

349-1551

ADDRESS

239 DOVER RD

STR

SIGNATURE

Drew J. Alamo

PERMIT CONTROL

I. PLAN REVIEW STATUS

Updated at time of receipt of drawings and when plans are approved.

☐ PARTIAL RELEASES

☐ PROTOTYPE PLAN - FILE LOCATION AND NO. _____

Plan Review Required	Type of Work	Plans Received By Date Receiver	Approval Date	Reviewer	Comments
☐	BUILDING				
	Footings/Foundations				
	Framing				
	Architectural				
	Other _____				
☒	PLUMBING		10-26-87		
☐	ELECTRICAL				
☐	FIRE PROTECTION				
☐	OTHER _____				

II. PERMIT/INSPECTION STATUS

Updated at time of permit and after final approvals.

Issue Date	Category	Revisions	Final Inspection	Comments
	ALL CONSTRUCTION			
	BUILDING			
	Footings/Foundations			
	Framing			
	Architectural			
	Other _____			
	PLUMBING			
	ELECTRICAL			
	FIRE PROTECTION			
	OTHER _____			

III. CERTIFICATES ISSUED

CERTIFICATES TO BE ISSUED:

Date Issued

- ☐ Temporary Certificate of Occupancy
Date Expired _____
- ☐ Temporary Certificate of Occupancy
Date Expired _____
- ☐ Certificate of Occupancy
No. _____
- ☐ Certificate of Continued Occupancy
No. _____
- ☐ Certificate of Approval
No. _____
- ☐ None

IV. ON-GOING INSPECTIONS

On-going Inspections Required
(See Page 1, II.D.)

Date Posted to
Log and Tickler

GAS PLUMBING	10-22-87

V. FEE SUMMARY

Initial fee collection recorded in A; all others in section B.

A. COLLECTED AT TIME OF CONSTRUCTION PERMIT ISSUANCE

	AMOUNT
BUILDING	\$ _____
PLUMBING	\$ 40.00
ELECTRICAL	\$ _____
FIRE PROTECTION	\$ _____
OTHER _____	\$ _____
SUBTOTAL	\$ _____
- LESS: 20% of subtotal (when plan review performed by state agency).	(_____)
D.C.A. TRAINING FEE .0006 x _____	= _____
CERTIFICATE OF OCCUPANCY <i>copy</i>	20.00
OTHER _____	\$ _____
OTHER _____	\$ _____
TOTAL COLLECTED WHEN PERMIT ISSUED	\$ 60.00
DATE 11/5/87 Collected By JC CASH	

B. COLLECTED AFTER CONSTRUCTION PERMIT ISSUANCE

Date	Collected By	AMOUNT
CERTIFICATE OF OCCUPANCY		\$ _____
OTHER		\$ _____
OTHER		\$ _____
- LESS: Refunds		(_____)
TOTAL COLLECTED AFTER PERMIT ISSUED		\$ _____

C. TOTAL CONSTRUCTION FEES COLLECTED

	AMOUNT
COLLECTED WITH PERMIT (VA)	\$ _____
COLLECTED AFTER PERMIT (VB)	\$ _____
TOTAL	\$ _____



FIRE SUBCODE TECHNICAL SECTION



PERMIT NO. 12965
DATE ISSUED 11/5/87
REVISION DATE _____
Block 101-C10 Lot 3
Subdivision _____

A. IDENTIFICATION

APPLICANT - Complete unshaded areas only

When changing contractors, notify this office

Owner L. Gallo
Address 247 Sprucewood
Bricktown
Tel. (920) 7058
Work Site Address same

Contractor Dover Oil Co.
Address 239 -Dover rd.
South Toms River
Tel. (708) 349-1551
Lic. No. 3095
Federal Emp. No. 21-0623-744

B. TECHNICAL SITE DATA

B1. SPRINKLERS

TYPE: ☐ Wet ☐ Dry ☐ Other _____
Areas Sprinkled: ☐ Full ☐ Partial (specify in comments)
No. of Heads: _____ No. of Spare Heads: _____
☐ Valves Supervised - Method: _____
Water Supply - Source: _____ Size: _____
FD Connection Location: _____
Estimated Cost of Work: \$ _____

FEE

B2. SPECIAL SUPPRESSION SYSTEMS

TYPE: ☐ Dry Chemical ☐ CO₂
☐ Halon ☐ Foam
☐ Other _____
Manual Pull: ☐ Yes ☐ No
Locations: _____

Estimated Cost of Work: \$ _____

\$

B3. ALARM

TYPE: ☐ Manual ☐ Automatic
Supervision Type: ☐ Local ☐ Central
☐ Proprietary ☐ Remote Location
Estimated Cost of Work: \$ _____

FEE

B4. STAND PIPES

Pipe Size: _____ Pump Size: _____
Water Source: _____ Size: _____
FD Connection Location: _____
Hose Station: ☐ Yes ☐ No
Estimated Cost of Work: \$ _____

B5. OTHER

Subtotal

Minimum Fire Protection Fee (If Applicable)

Total Fire Protection Fee (Greater of Minimum
or Subtotal)

C. FIRE PROTECTION CHARACTERISTICS

USE GROUP _____ Present _____ Proposed _____
Heating Systems - Location: _____
Type: ☐ Gas ☐ Oil ☐ Electrical ☐ Solar ☐ Other _____
Fuel Storage Tank - Location: _____ Fuel Type: _____ Capacity: _____
Total Estimated Cost of Fire Protection Work: \$ 7110.00

D. COMMENTS

xxxx
Gas Boiler
Baseboard

☐ Partial Releases ☐ Prototype Processing

DATE _____

JOB CONDITION/COMMENTS[illegible]

JOB SUMMARY

- ☒ No Plans Required
☐ Plan Review Approved

Date: 10-20-87

Approved By: [Signature]

INSPECTIONS FINAL

☒	CO	☐	CCO	☐	CA
-------------------------------------	----	--------------------------	-----	--------------------------	----

Date: 10-27-87

Inspected By: _____

INSPECTIONS

Type

- | | |
|-------------------------------------|---------------------|
| ☐ | Slab |
| ☐ | Rough |
| ☐ | Water |
| ☐ | Sewer |
| ☐ | Energy |
| ☒ | Mechanical |
| ☐ | TCO |
| ☒ | Other <i>SAFETY</i> |

Other GAS PIPE

Approval Date

10-27-87

10-22-87

EFFICIENT & ECONOMICAL GAS FIRED HOT WATER HOME HEATING

GALLO
XG2005 PV

 **Burnham**
AMERICA'S BOILER COMPANY

NEW—Direct
Vent Model

XG2000, SERIES 2



BURNHAM XG2000 AND XG2000PV HOT WATER GAS BOILERS

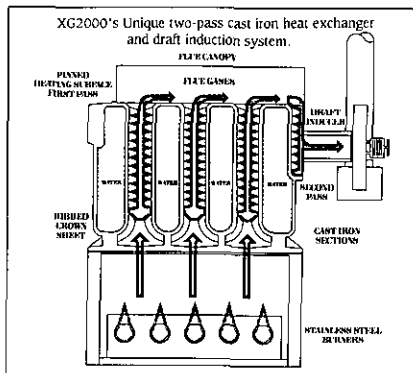
DOE Heating Capacities
54 to 137 MBH

Efficiency by design.

Burnham's XG2000 is one of the most energy efficient gas boilers available. With an annual efficiency of up to 87% the XG2000 gives you maximum value for your dollar.

The XG2000 is efficient by design. At the heart of every XG2000 boiler is a dependable cast iron heat exchanger that not only enhances energy efficiency but also improves boiler performance. A carefully calibrated draft inducing fan pulls hot gases through the heat exchanger at just the right speed for optimum efficiency. Together, the

heat exchanger and fan generate more heat with less fuel and



eliminate the loss of valuable heat through the vent. No vent damper is required.

The Versatile XG2000.

Innovative engineering design makes high efficiency possible in a boiler that is also easy to install,

simple to service, and safe to operate.

But Burnham didn't stop there. We have recently made the high efficiency XG2000 more versatile, offering you a choice of models for a variety of home heating applications.

The conventional vent XG2000 is designed to be vented into a lined common chimney with a gas-fired domestic water heater.* This can help you save time and money on installations.

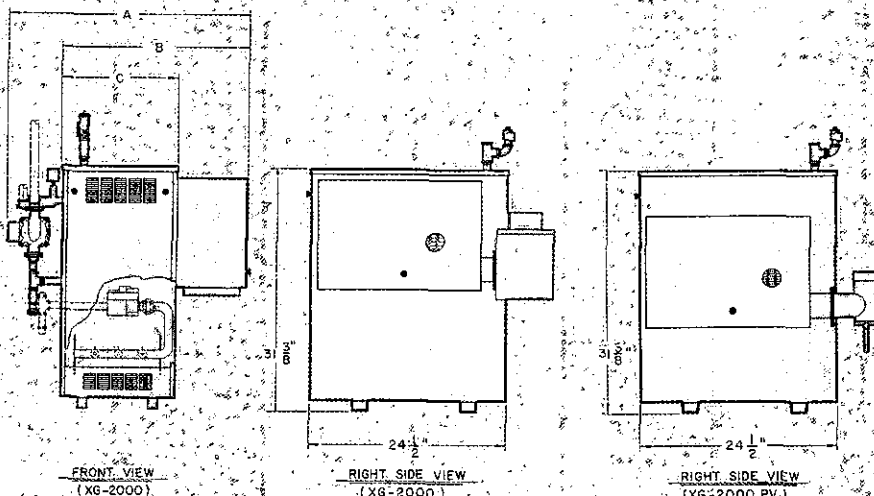
Direct Vent XG2000 PV

The new XG2000PV, is designed to vent directly through the wall.* This is ideal for installations where a chimney is not available. Apartments, condos, and new construction are perfectly suited to XG2000PV applications. The PV is also ideal for converting from expensive electric heat.

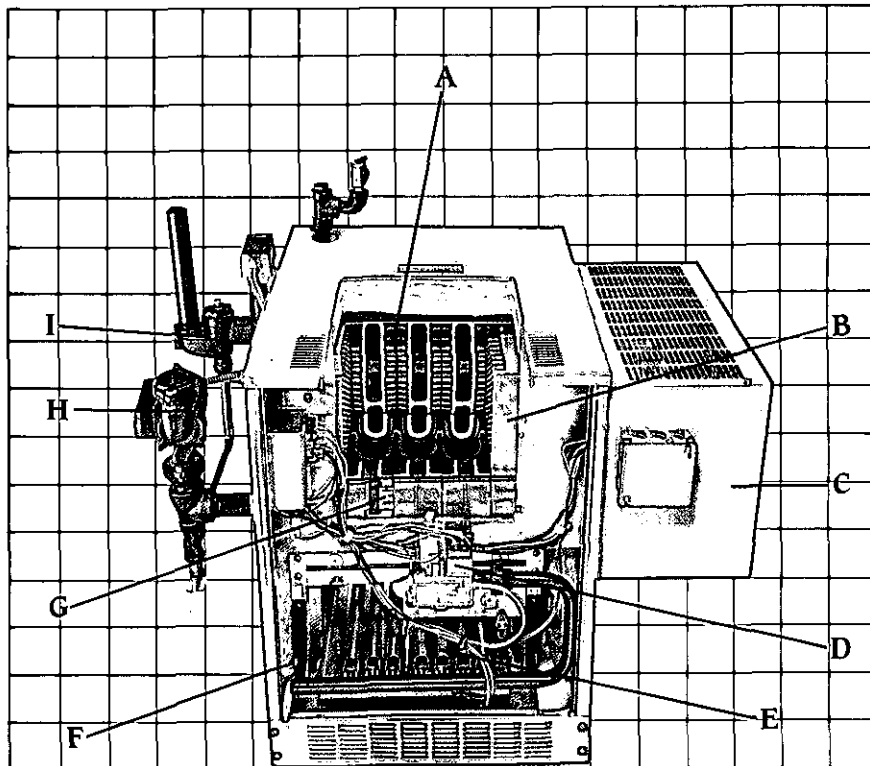
Boiler Number	"A"	"B"	"C"
XG2003PV	37	24½	14½
XG2004/XG2004PV	40½	27½	17½
XG2005/XG2005PV	43½	31	21
XG2006	46½	34½	24½

Deluxe Insulated Jacket
1½" Circulator with Piping to Boiler
Pressure Temperature Gauge
Drain Cock
Thermostatic Bypass Valve
Built-In Air Elimination
High Limit
Electric Ignition
Induced Draft Fan
Control Center
Thermal Cut-Off Switch
Junction Box
100% Shut-Off Combination Stop-Opening
Redundant Gas Valve
Stainless Steel Burners
ASME Safety Relief Valve
Low Voltage Thermostat
¾" Pipe to Copper Adaptors and
¾" Copper Ell
Vent Connector
Vent Monitor Switch (N/A on PV's)
PV MODELS ONLY
Terminal Assembly
3" #29-4C Stainless Steel Vent Piping

Dimensions and Standard Equipment



* See venting instructions on pg. 8.



XG2000 and XG2000PV

- A. Pinned heating surface for maximum heat extraction
- B. Durable cast iron sections for long life
- C. Control center with Vizlogic™ module
- D. Concealed step-opening gas valve
- E. Stainless steel burners for smooth light-off
- F. Deluxe insulated jacket
- G. Metal nipples join sections
- H. Self-lubricating circulator never needs oil
- I. Thermostatic bypass valve prevents condensate in boiler

Unequaled Safety

1. An air pressure switch safely prevents boiler operation if air flow is insufficient
2. A thermal cut-off switch protects against flame roll out
3. A high temperature control prevents the boiler water from overheating
4. A vent monitor switch stops operation automatically if the chimney is blocked (not needed on the PV models)

The most advanced gas-fired hot water boiler you can buy.

The XG2000 is equipped with our exclusive Vizlogic™ diagnostic module that constantly monitors boiler operations. The Vizlogic™ module has clearly labeled LED's, or light emitting diodes, to indicate the steps in the firing sequence.

If your boiler's operation is interrupted for any reason, your serviceman can see at a glance which steps in the firing sequence—from ignition to shut down—have taken place. Because problems are identified rapidly, his job takes less time. As a result, you're rewarded with lower service costs.

Quality parts for dependable operation.

Burnham doesn't skimp on materials anywhere.

Our heat exchanger is constructed of cast iron which resists corrosion due to fuel combustion and increases boiler efficiency and durability.

The burners, made of stainless steel, are uniquely designed and precision-tuned for top efficiency.

And the new vent piping for the XG2000PV is made of a high-tech alloy, #29-4C stainless steel. This stainless steel alloy is far superior to the materials used by other manufacturers. It is both temperature and corrosion-resistant.

The XG2000's integral thermostatic bypass valve, a Burnham exclusive, virtually eliminates the problem of condensate associated with high efficiency gas boilers.

These quality parts along with years of engineering research make the XG2000 an investment in dependability.

BURNHAM SERIES 2 HOT WATER GAS BOILER

**DOE Heating Capacities
31 to 244 MBH**

**Dependable
economy—
Dependable
warmth.**

The Series 2 hot water boiler combines the dependability of a conventional proven design with the economy of gas. And with an annual efficiency of up to 82.2%, the Series 2 could save you hundreds of dollars in a single heating season.

At the heart of every Series 2 is a durable cast iron heat exchanger that enhances energy efficiency and improves boiler performance. Rugged cast iron sections designed with

hundreds of heat extracting pins wring optimal heat from the gases. In addition, the vertical flue design assures you of maximum heat extraction and economical operation.

Its cast iron construction also resists rust and corrosion, extending the life of the boiler. All in all, the Series 2 boiler provides durable and dependable home heating year after year.

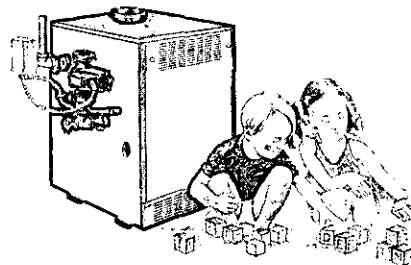
The safe, home heating alternative.

Your family's safety is infinitely more important than fuel savings. Therefore, the Series 2 design incorporates a broad array of safety features.

For example, each standard Series 2 boiler has a time-proven safety feature with its own backup system. If you lose pilot flame, a thermocouple supervisor sends a

signal to a redundant gas valve cutting off the gas flow. The redundant gas valve is basically a gas valve within a gas valve. Therefore, if the valve's port doesn't close, a safety backup valve automatically shuts off the gas flow.

Also all exterior wiring is enclosed in metal casing to protect against accidental shocks.

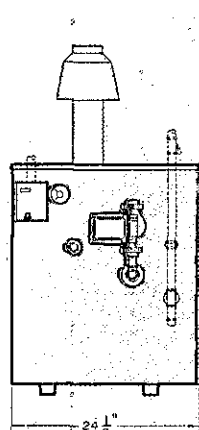


Gas controls and valves are safely hidden inside the jacket away from children and safe from accidental bumps and tampering.

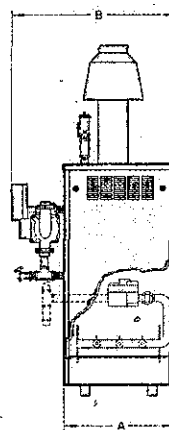
Boiler Number	"A"	"B"	"C"	"D"
202	11½	20%	44½	4
203	14½	24	44½	4
204	17%	27%	45%	5
205	21	30½	46%	6
206	24%	33%	46%	6
207	27½	37	48%	7
208	30%	40%	48%	7
209	34	43%	49½	8
210	37%	46%	49½	8

Deluxe Insulated Jacket
1½" Circulator with Piping to Boiler
Pressure Temperature Gauge
Drain Cock
Built-in Air Elimination
High Limit
Transformer and Junction Box
100% Shut-Off Combination Step-Opening Gas Valve
Stainless Steel Burners
ASME Safety Relief Valve
Drafthood
Low Voltage Thermostat

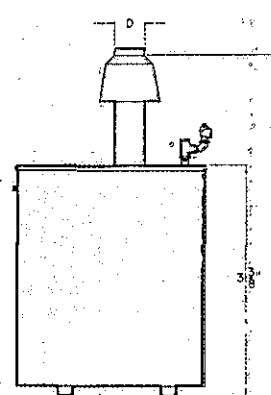
Dimensions and Standard Equipment



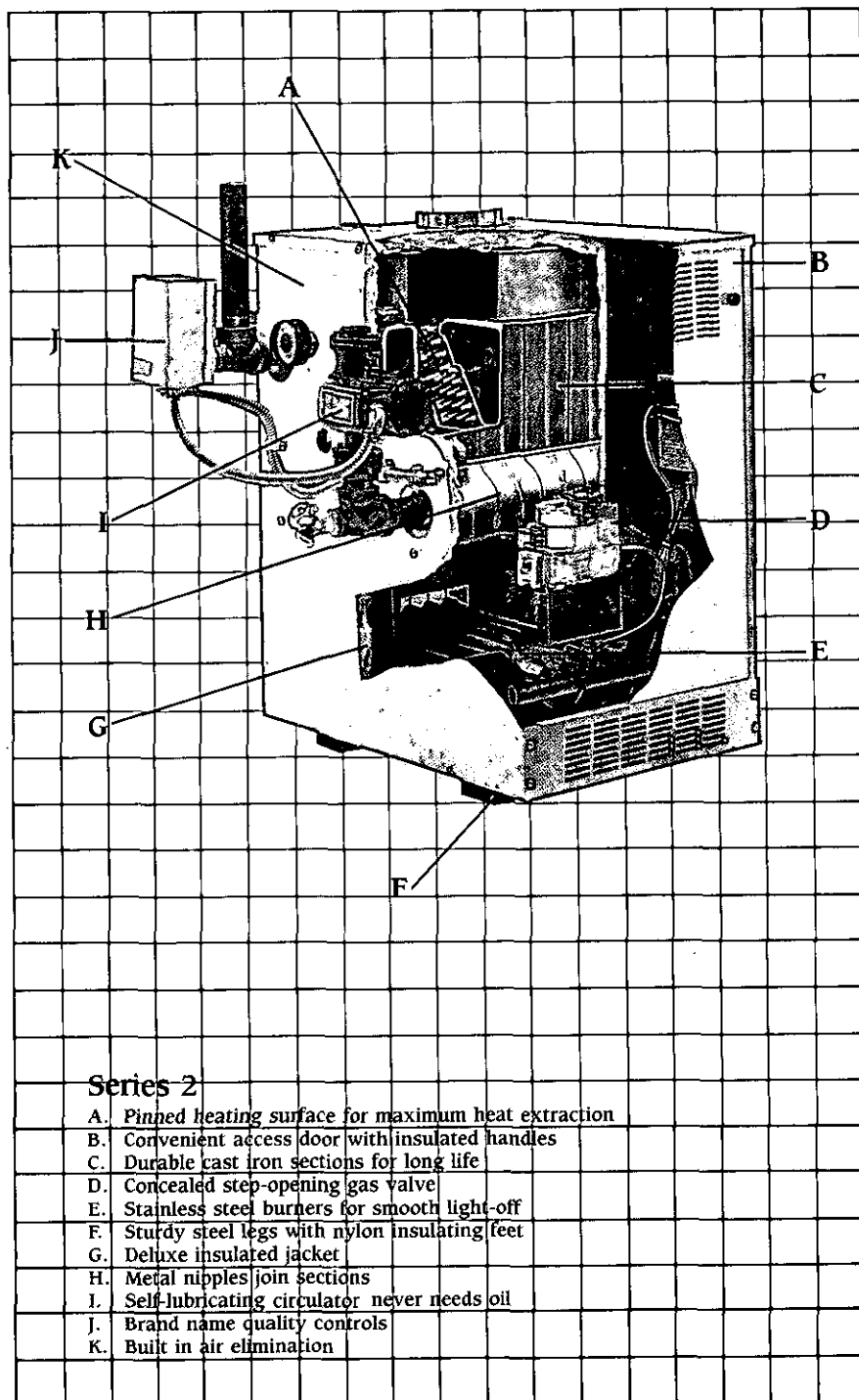
LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW



Fuel saving options that increase annual efficiency

The Series 2 boiler can be equipped with a fuel-saving vent damper and electric ignition which improve energy efficiency.

The vent damper automatically closes the flue after the burner shuts off and re-opens it before the burner ignites. The vent damper can boost annual efficiency by 7% on the average.

Electric ignition is available on all sizes of the Series 2 natural gas-firing boilers. Coupled with a redundant gas valve, the system safely shuts down on loss of pilot flame in less than one second.

Comfort without sacrifices.

Too often homeowners end up giving up comfort, endure frequent breakdowns and service calls, and take safety risks just to bring down their fuel bill.

With a Burnham Series 2 gas-fired hot water boiler, you don't have to make such sacrifices. Our Series 2 is your long-term investment in quality, dependable home heating.

SPECIFICATIONS

Burnham
AMERICA'S BOILER COMPANY

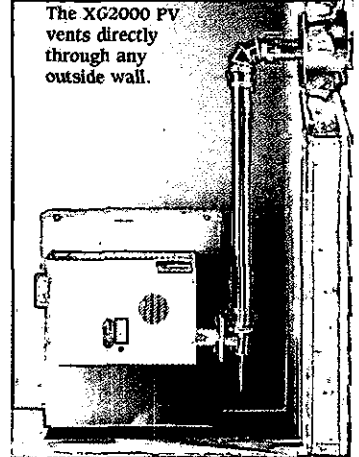
XG2000 PV and XG2000 RATINGS

Natural Gas Only



BOILER NUMBER	AGA INPUT MBH ⁽¹⁾	DOE HEATING CAPACITY MBH	I=B=R NET RATING MBH ⁽²⁾	NET RATING WATER SQ. FT. ⁽³⁾	DOE ANNUAL EFFICIENCY %
XG2003PV	62	54	47.0	313	87.0
XG2004PV	96	83	72.2	481	86.2
XG2005PV	130	111	96.5	643	85.1
XG2004	96	81	70.4	469	84.3
XG2005	130	109	94.8	632	83.5
XG2006	164	137	119.1	794	83.0

The XG2000 PV vents directly through any outside wall.



SERIES 2 RATINGS

Natural and LP* Gas



BOILER NUMBER	AGA & CGA INPUT MBH ⁽¹⁾	DOE HEATING CAPACITY MBH	I=B=R NET RATING MBH ⁽²⁾	NET RATING WATER SQ. FT. ⁽³⁾	DOE ANNUAL EFFICIENCY, %			
					STANDING PILOT	STANDING PILOT AND VENT DAMPER	EI	EI AND VENT DAMPER
202	37.5	31	27.0	180	70.8	75.9	74.7	81.8
203	62	52	45.2	301	69.7	74.9	75.4	82.2
204	96	80	69.6	464	69.8	75.5	75.0	82.0
205	130	108	93.9	626	69.9	76.0	74.6	81.8
206	164	136	118.3	789	70.1	76.6	74.2	81.6
207	198	163	141.7	945	70.2	77.2	73.8	81.4
208	232	191	166.1	1107	70.3	77.7	73.4	81.2
209	266	218	189.6	1264	70.5	78.3	73.0	81.0
210	299	244	212.2	1415	70.6	78.9	72.6	80.8

DOE heating capacity and annual efficiency are based on U.S. Government standard tests.

* Propane available for standing pilot only.

Rating Footnotes:

- (1) A.G.A. ratings shown are for installations at sea level and elevations up to 2,000 ft. For elevations above 2,000 ft. A.G.A. ratings should be reduced at the rate of four percent (4%) for each 1,000 ft. above sea level.
- (2) Net I=B=R ratings shown are based on normal I=B=R piping and pick-up allowance of 1.15. Consult the manufacturer for installations having unusual piping and pick-up requirements such as intermittent system of operation, extensive piping systems, etc.
- (3) Based on 170°F average water temperature in radiators (heat emission rate of 150 BTU/HR/Sq. Ft.): For higher water temperatures, select boiler on basis of net ratings in BTU/HR.

Venting Instructions

The XG2000PV is designed to vent directly through the wall using only Burnham's approved vent system. Do not substitute vent systems. Do not vent into a conventional chimney nor in common with any other appliance.

The XG2000 may be vented into fireclay tile lined masonry chimneys and type B, BW, and L double wall metal vents that are located inside the heated space. The XG2000 should never be vented into an unlined masonry chimney or any chimney that is located on an outside wall without special provisions. The XG2000 boiler is designed to be vented into a common lined chimney with a gas-fired domestic water heater.

For detailed information on venting requirements, refer to the section on venting in the Installation, Operating and Service Instructions.

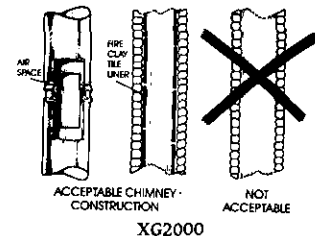
Optional Equipment:

XG2000

Deluxe jacket extension.

SERIES 2

Electric ignition, fuel saving vent damper.

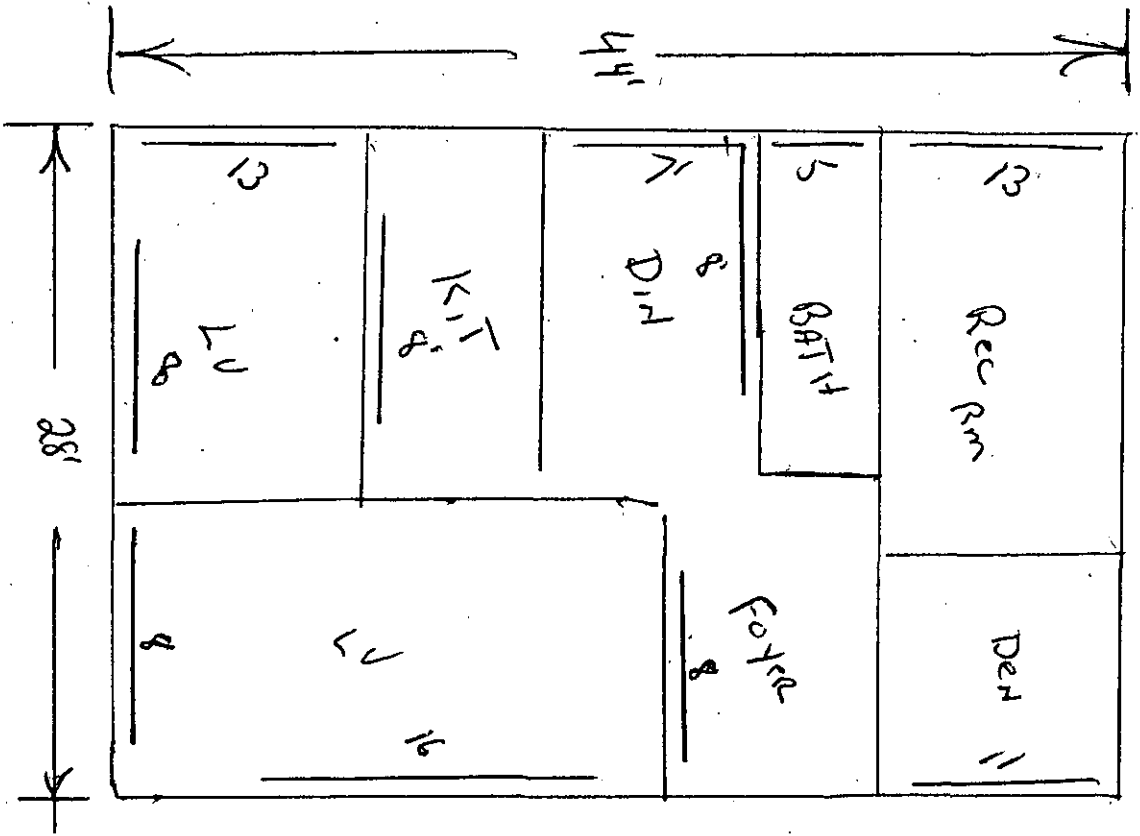


Burnham
HYDRONICS DIVISION
Lancaster, PA 17604

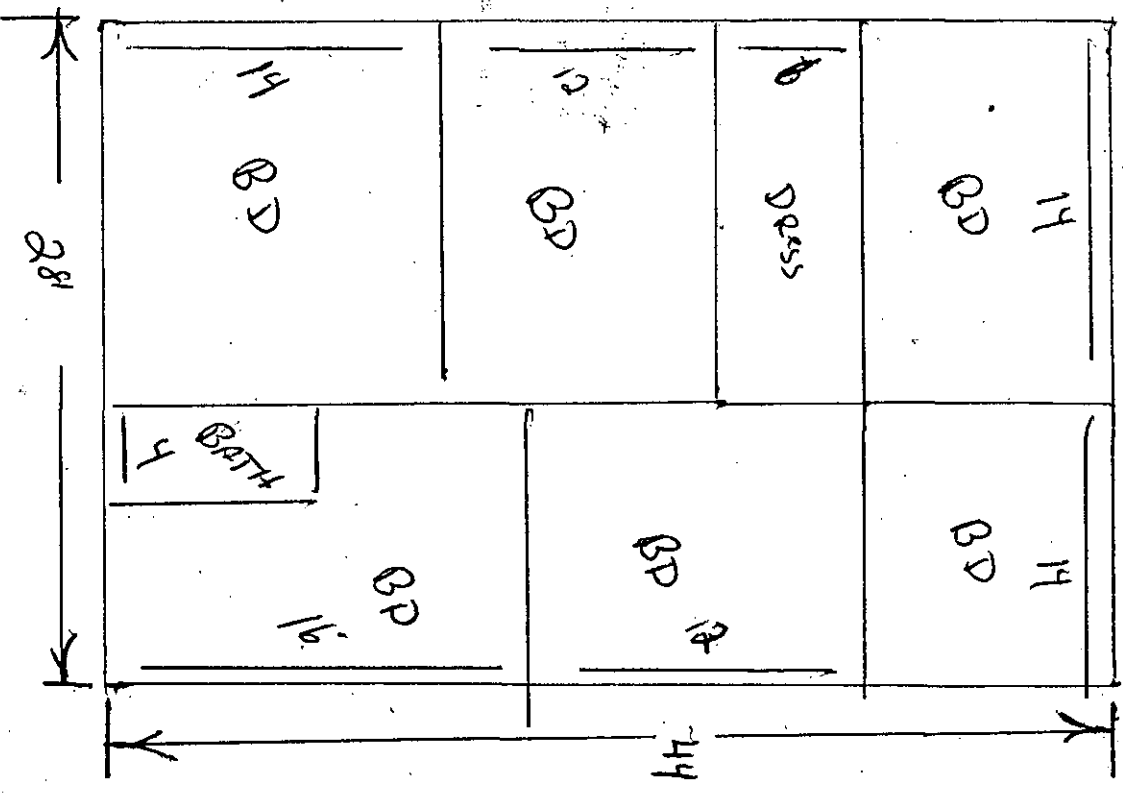
Form No. 4148A-8/86-40M
Printed in U.S.A.
© 1986 Burnham Corporation

L. CALO
 247-SPRUEWOOD
 BRICK TOWN
 920-7058

Down



UP.



COMPUTER GENERATED HEAT LOSS/GAIN CALCULATION

DESIGN CONDITIONS: WINTER, 70 ° TEMP. DIFFERENCE, SUMMER 75 INSIDE - 95 OUTSIDE

 FOR: DOVER OIL CO. DATE: 10-17-87 JOB: L.GALLO 247-SPRUCE

[illegible]

EAST WINDOW # 1 (1) 48 X 36,	SINGLE/STORM	12	780	600
EAST WINDOW # 2 (2) 48 X 24,	SINGLE/STORM	16	1040	800
EAST WINDOW # 1 (1) 48 X 48,	DOUBLE GLAZED	16	1200	800
EAST NO GLASS DOORS				
EAST ENT. DOOR # 1 (1) 80 X 36,	WS AND SS	20	2000	260
EAST WALL LEVEL # 1 44 FT. LONG 8 FT. HIGH, GROSS		352		
EAST WALL LEVEL # 1, FRAME, R-11 INS 3-1/2, NET		288	1612	864
WEST WINDOW # 1 (3) 48 X 36,	SINGLE/STORM	36	2340	1800
WEST WINDOW # 1 (2) 36 X 24,	SINGLE/STORM	12	780	600
WEST NO GLASS DOORS				
WEST ENT. DOOR # 1 (1) 80 X 36,	WS AND SS	20	2000	260
WEST WALL LEVEL # 1 44 FT. LONG 8 FT. HIGH, GROSS		352		
WEST WALL LEVEL # 1, FRAME, R-11 INS 3-1/2, NET		284	1590	852
SOUTH NO WINDOWS				
SOUTH NO GLASS DOORS				
SOUTH NO ENT. DOORS				
SOUTH WALL LEVEL # 1 28 FT. LONG 8 FT. HIGH, GROSS		224		
SOUTH WALL LEVEL # 1, FRAME, R-11 INS 3-1/2, NET		224	1254	672
NORTH NO WINDOWS				
NORTH NO GLASS DOORS				
NORTH NO ENT. DOORS				
NORTH WALL LEVEL # 1 28 FT. LONG 8 FT. HIGH, GROSS		224		
NORTH WALL LEVEL # 1, FRAME, R-11 INS 3-1/2, NET		224	1254	672
TOTAL FLOOR AREA LEVEL # 1, O.B.G.O.S W/ R-19 INS		1232	4435	1232

AREA CALCULATIONS LEVEL # 2

EAST WINDOW # 1 (3) 48 X 36,	SINGLE/STORM	36	2340	1800
EAST WALL LEVEL # 2 44 FT. LONG 8 FT. HIGH, GROSS		352		
EAST WALL LEVEL # 2, FRAME, R-11 INS 3-1/2, NET		316	1769	948
WEST WINDOW # 1 (3) 36 X 36,	SINGLE/STORM	27	1755	1350
WEST WALL LEVEL # 2 44 FT. LONG 8 FT. HIGH, GROSS		352		
WEST WALL LEVEL # 2, FRAME, R-11 INS 3-1/2, NET		325	1820	975
SOUTH NO WINDOWS				
SOUTH WALL LEVEL # 2 28 FT. LONG 8 FT. HIGH, GROSS		224		
SOUTH WALL LEVEL # 2, FRAME, R-11 INS 3-1/2, NET		224	1254	672
NORTH NO WINDOWS				
NORTH WALL LEVEL # 2 28 FT. LONG 8 FT. HIGH, GROSS		224		
NORTH WALL LEVEL # 2, FRAME, R-11 INS 3-1/2, NET		224	1254	672
TOTAL CEILING AREA LEVEL # 2, ATIC ABOVE R-19 INSULAT		1232	5174	2464

HEAT LOSS/GAIN - WALLS, CEILINGS, FLOORS, WINDOWS AND DOORS	35651	18293
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HEAT LOSS/GAIN - DUCTS, APPL., RESIDENTS	3565	10829
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TOTAL HEAT LOSS/GAIN	39216	29122
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