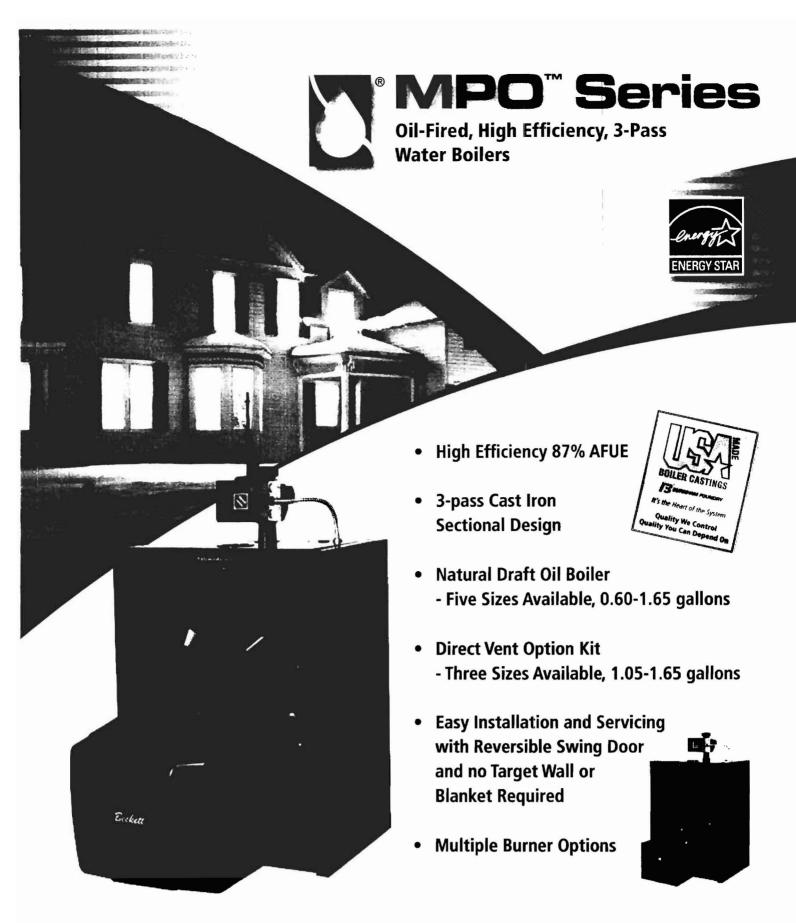
Contract Name   Contract Nam	Zone	Phone:		<i>‡</i> 2	DEERING ST #	I & DAVID 1771		ı J		
Final Description (Part of Part of Par	Zone				actor Address:	Contr	ontractor Name:	C		iness Name:
The Control of Part of Control on 100 Stages   Part of Control	Type	20//9922	land	South Port	it Type:	Perm			me	see/Buyer's N
Aperoved    Approved	Type	CEO District:	k: [	Cost of Worl			oposed Use:	P		t Use:
The Comparison of the Control of Part   Section   Sect	Type	ECTION:	INSPEC						Condo unit#2	ngle Family
Train Toke By:		Group: K3	Use Gro							
Train Toke 19;   Doc Appeal in   Doc		IMC M	1						Description:	posed Project
The INSPECTOR OF BILLEDINGS, PORTLAND, Ma.  The andressing and serious by the concer of record at the same and prepared and serious to confirm to all applicable has been been been been been been been bee	0/14/	ture: /// //	Signatur	ITIES DIST			urnham MPO231 ir	install a B	Condo unit#2 -	ngle Family
The Institute of Ins	Denie	w/Conditions	roved w/0	d 🗌 App	n: Approve	Actio				
The INSPECTOR OF BUILDINGS, PRICIANS, ME.  The understand by the condense of proceeding the application and the following permit on the condense of the conden		Date:		A nnrove		Signa	ed For:	Date Appli	<del></del>	mit Taken By
The International processor of the previous tree for Person Record Role of Role of Person Record Role of Role of Person Record Role of Person Role of Role	eservati	Historic Prese	1			Zone or Reviews	008	10/10/2		obson
2. Building permits are void if won is not started specific or electrical work.  3. Building permits are void if won is not started within at 8 (is permit for which is 6 th date of started within at 8 (is permit on any involution a building permit and up all work.  5. Section  6. S		Not in Distric		, ppem			clude the		s) from meeting	Applicant
The INSPECTOR OF BUILDINGS, Poert ANN, ME.  The understand a Person in Terms of Process of the amend property, or that the proposed work is understand by the cover of the laws become understand the proposed work is understand by the cover of the laws of the understand the laws of the laws o	Require F	Does Not Req		eous	Miscellan	nd	mbing,	nclude plu	ermits do not in	Building p
False information may invalidate a building permit and stop all work.    Substitute	Review	Requires Rev		al Use	Condition	Zone (N)			ermits are void	Building p
The INSPECTOR OF BUILDINGS. PORTAND, ML.  The undersigned hearby with consider of words of the same dispersion in stands of the consideration of the conside		Approved		tion	☐ Interpretat	vision	., .,		mation may inv	False info
The INSPECTOR OF BUILDINGS, Portland, Mr. The material process of the proposal species of the proposal	w/Condit	Approved w/0			Approved	lan			stop all work	permit and
The INSPECTOR OF BUILDINGS, POPILAND, ME.  The anderstand the law the owner of record of the named property or that the proposed work is authorized by the owner of record of the named property of the their proposed work is authorized by the owner of record of the named this application is an authorized agent and larger to confere to all applicable has a that a substitute to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the authority to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the authority to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the code of the code		Denied			Denied	Minor MM	Maj		a companience	And the Company of the State of State o
The INSPECTOR OF BUILDINGS, POPILAND, ME.  The anderstand the law the owner of record of the named property or that the proposed work is authorized by the owner of record of the named property of the their proposed work is authorized by the owner of record of the named this application is an authorized agent and larger to confere to all applicable has a that a substitute to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the authority to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the authority to enter all seas converted by such permit of any exaconable hour to enforce the provision of the code(s) to the code of the code	ن ایران	Date: 70	Da		Date:	50111101	Date:			
the INSPECTOR OF BUILDINGS, PORTAND, ME.  The indexispred hereby applies for a permit for work described in the application is issued, I certify that the code official authorized real mall have the authorized by the convert or mall a pure to confine to all application with submitted programs. It is a possible to the application is issued, I certify that the code official authorized real mall have the authorize of real and authorized real mall have the authorize of real and the programs. The indexispred hereby applies for a permit to match the following heating, cooking or power equipment of the code	71470	<u> </u>				~ 10/19/08			<u>^</u> '	
The INSPECTOR OF BUILDINGS, PORTANO, ME.  The undersigned hereby applies for a permit to install the following heating, cooking or power equipment of the cooking of the City of Portland, and the following specification of CBL.  [A ] 3  Use of Building  Date	s of thi present	applicable laws of authorized representations	o all ap icial's a	conform to code off	t and I agree to I certify that th	erty, or that the pro his authorized ager plication is issued,	cord of the named prake this application ork described in the	wner to mermit for v	orized by the o addition, if a pe	we been aut sdiction. In Il have the a
the INSPECTOR OF BUILDINGS. PORTLAND, ME.  The undersigned hereby applies for a permit to install the following heating, cooking or power equipment of the City of Portland, and the following specification that the Laws of Manker the Building Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the following specification in the Code of the City of Portland, and the Code of the City of Por	IONE	PHO		DATE		ADDRESS			APPLICANT	NATURE OF
the INSPECTOR OF BUILDINGS, PORTLAND, ME.  The undersigned hereby applies for a permit to install the following heating, cooking or power equipments of the city of Portland, and the following specification is undersooned to the city of Portland, and the following specification is undersooned to owner of appliance.  Let 13  Let 13  Let 13  Let 0 Building  Date  Date  Date  Date  Date  Aller's name and address CANDON T WALTZ 32 LLINCOLN ST PONTON (1974)  PAT 3 12  The of Chimney:  A Basement Ploop  Antic Roof  Factory Built UL Listing #  State of Buelt.  Factory Built UL Listing #  Direct Vent  Type of Fuel Tank  Oil  Gas  Stee of Tunk 275  Number of Tanks  Distance Plumber #  Distance From Tank to Center of Flame 5+  Other Permit Fee:  Approved With Conditions										
Type of Chimney:    Approved   Ap	IONE	11101		OME			at, 11122	32 01 1101	on on an on an	or o
cordance with the Laws of Maine, the Building Code of the City of Portland, and the following specification.  Leading / CBL										
Total containce with the Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Building Date  Date  Date  Date  Total Col No. St., Ponture of the City of Portland of Portla					:					
Total containce with the Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Maine, the Building Code of the City of Portland, and the following specification.  The Laws of Building Date  Date  Date  Date  Total Col No. St., Ponture of the City of Portland of Portla										
Type of Chimney:    Approved   Yes   No   No   No   Size of Tank   Size of Work: Siz										
Solid Pale Installer:    Master Plumber #   Solid Explain:   Size of Tank   Size of Size of Work: \$   \$1.250   Size of Work: \$   \$1.										
Solid Pale Installer:    Master Plumber #   Solid Explain:   Size of Tank   Size of Size of Work: \$   \$1.250   Size of Work: \$   \$1.										
Telephone 799  ation of appliance:    Basement   Floor   Roof   Factory built   Factory Built U.L. Listing #	ns:	specifications Date		~ Joney	ling	Use of Build	ies for a permit if the Building Cod    3 GRETCHEN	Maine,  (	of owner of app	dance with
Type of Chimney:    Attic	24101	in Our	JILF	71	Nel-	LILINGO	WALTZ	Mon-	address C	r's name an
Type of Chimney:    Attic   Roof   Ro	046	10, ME	There	790	Telephone					n of -
Agroved  Attic  Roof  Ro					nney:	Type of Chir		☐ Floor		Basem
Gas  Oil  Solid  Factory Built U.L. Listing #  Direct Vent Type UL#  Popliance be installed in accordance with the manufacture's ation instructions?  Yes  No  Size of Tank  Oil  Gas  Size of Tanks  Oil  Solid Fuel #  Oil # Metal  Factory Built U.L. Listing #  Type UL#  Type of Fuel Tank  Oil  Gas  Size of Tank  Oil  Solid Fuel #  Oil # Master Plumber #  Other  Distance from Tank to Center of Flame  Sermit Fee: 8  Approved  Approved with Conditions		<b>&gt;</b>	ers	BY 071+	onry Lined	A Mas				☐ Attic
Factory Built U.L. Listing #							<b>l</b> Solid	) r	Oil	Gas
Approved   Yes   No				_isting #	ry Built U.L. I	Facto		/	3 rn Ham	
Type of Fuel Tank    Size of Tank			} T			- 51100			Yes 🔾 No	roved 🗖
Explain:    Size of Tank   275     Permit Fee:   S     Approved     Approved     Approved     Size of Tank   275     Gas     Cost of Work:   S   1/350     Approved     Approved     Approved     Approved     Approved     Size of Tank   275     Number of Tanks     Distance from Tank to Center of Flame   5 + 1/350     Approved     Approved     Approved     Approved     Approved     Approved     Size of Tank   275     Number of Tanks     Distance from Tank to Center of Flame   5 + 1/350     Approved     Approved     Size of Tank   275     Size of Tan		;	UL#_			ſ			alled in accorda	ance be instruction
Size of Tank 275  pe of License of Installer:    Master Plumber #					il	χo			. 1	
pe of License of Installer:    Master Plumber #			7							L-with
Distance from Tank to Center of Flame    Oil #			,		•				f Installer:	of License
Cost of Work: \$ 11,350  Permit Fee: \$  Approved  Approved with Conditions										
Permit Fee: \$	feet.	5+ fee	_5	of Flame	Sank to Center	Distance from 7				Uas #
Approved e: Approved with Conditions					•					Other
e:Approved with Conditions					\$	rermit Fee:	_			
		<u></u>	<u>itions</u>	th Cond	pproved wi	<u> </u>		•		
See attached letter or requirement		1ent	ireme	er or requ	attached lette	11 500				

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy







Oil-Fired, High Efficiency, 3-Pass Water Boilers

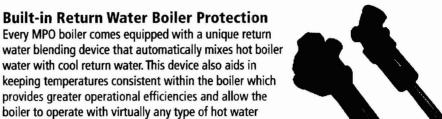




# **Unique 3-Pass Cast Iron Design**

The MPO boiler has been exclusively designed by Burnham engineers to use a 3-pass cast iron sectional design that is unequaled in the industry. MPO sections are produced in Burnham's own state-of-the-art foundry in Zanesville, Ohio, and are the primary reason why the MPO is able to

attain an ENERGY STAR-certified 87% AFUE.



Easy to Install, Maintain, and Service From installation to service, the MPO has been designed with the contractor in mind. Installation features include a plug-and-play wiring junction box with easy plug-in control and accessory connections, and a reversible swing-away door with an easy connect power cord for the burner. The MPO includes a Honeywell electronic high-limit aquastat and provisions for optional plug-in accessories, such as a low water cutoff or an additional high-limit. For maintenance and servicing, the MPO comes equipped with reversible stainless steel flueway baffles, rear cleanout access plates, and ample flueway clearance for easy cleaning.

# **Multiple Burner Options**

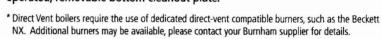
Burnham offers the flexibility of multiple burner choices for the MPO boiler. A selection of burners from industry-leading manufacturers is available for all MPO sizes\*.

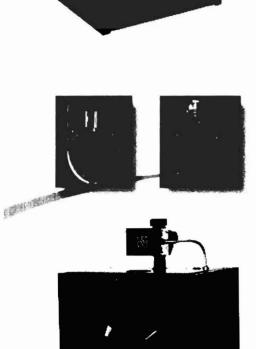
### **MPO Direct Vent Kit**

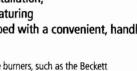
No chimney? The MPO-DV (Direct Vent) Option Kit is the perfect solution! The venting kit includes a stainless steel sidewall concentric vent/air intake termination. To connect the boiler flue connects to this piece, a flexible stainless steel, double wall, insulated pipe is also available in 5, 10, 15, and 20 foot lengths. Intake air for combustion connects directly from the burner housing to the vent terminal with a 4" galvanized single wall pipe.

# Additional Venting Options

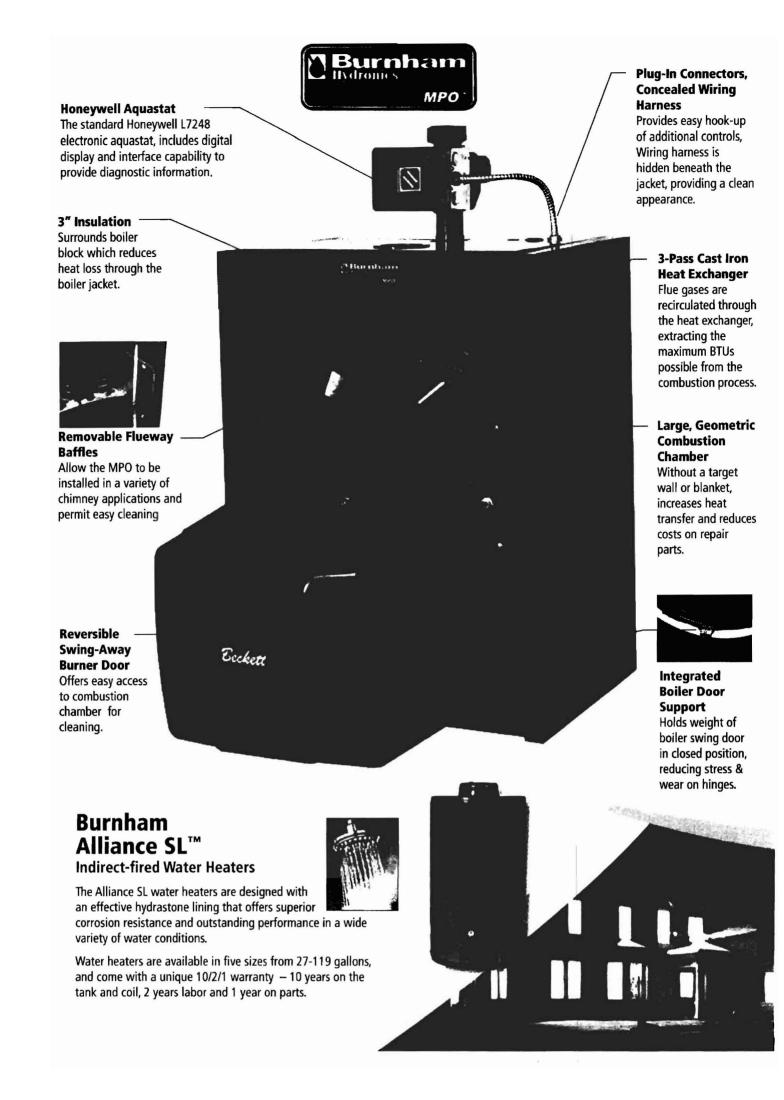
MPO-DV Option Kit's flexible stainless steel pipe permits installation in just about every application where a chimney is not available. For added convenience in installations where there is little clearance behind the boiler, optional stainless steel "starter tees" are now available. These tees fit directly to the rear of the boiler and allow for the pipe to be connected vertically. This dramatically reduces the footprint of the boiler installation, by allowing the MPO to be installed close to a wall. Featuring welded stainless steel construction, the tees are equipped with a convenient, handleoperated, removable bottom cleanout plate.











# Ratings





Model Number	Burner Capacity (GPH)	DOE Heating Capacity (MBH)	I=B=R Water Ratings	AFUE%
MPO84	.60	74	64	87
MPO115	.80	98	85	87
MPO147	1.05	129	112	87
MPO189	1.35	167	145	87
MPO231	1.65	203	177	87

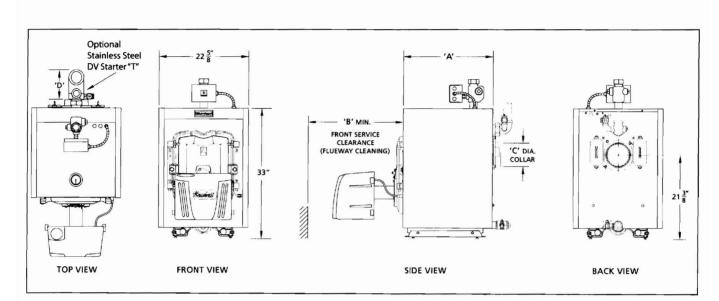
# **Specifications**

	Dimensions (inches)				Natural Vent	Direct Vent
Model Number	Ά'	'B'	,C,	Water Content (gal.)	Approximate Shipping Weight (lbs.)	Approximate Shipping Weight (lbs.)
MPO84	16-5/8	24	5	7.70	475	N/A
MPO115	16-5/8	24	5	7.70	475	N/A
MPO147	22-5/8	24	6	11.08	567	579
MPO189	28-5/8	30	6	14.46	659	692
MPO231	34-5/8	30	7	17.84	751	807

# **MPO Direct Vent Kit**

Form No. PL81401301000-9/08-10M

Model Number	Vent Connector Diameter (inches)	Optional Starter "T Depth 'D' (Inches)		
MPO147	5	14		
MPO189	5	14.5		
MPO231	6	14.5		





© 2008 U.S. Boiler Company, Inc. - Lancaster, PA Phone: 1-888-432-8887 www.burnham.com

Printed in the U.S.A.

### **SECTION I: PRE-INSTALLATION**

- A. <u>INSPECT SHIPMENT</u> carefully for any signs of damage.
  - 1. All equipment is carefully manufactured, inspected and packed. Our responsibility ceases upon delivery of crated boiler to the carrier in good condition.
  - Any claims for damage or shortage in shipment must be filed immediately against the carrier by the consignee. No claims for variances from, or shortage in orders, will be allowed by the manufacturer unless presented within sixty (60) days after receipt of goods.
- **B. LOCATE BOILER** in front of final position before removing crate. See Figure 1.
  - 1. LOCATE so that vent pipe connection to chimney will be short and direct.
  - 2. BOILER IS SUITABLE FOR INSTALLATION ON COMBUSTIBLE FLOOR. Boiler cannot be installed on carpeting.
  - FOR BASEMENT INSTALLATION, provide a solid elevated base, such as concrete, if floor is not level, or if water may be encountered on floor around boiler.
  - 4. PROVIDE RECOMMENDED SERVICE CLEARANCE, if applicable, as follows:
    - a. Clearance from Jacket Front Panel -
      - 24" for servicing burner
      - 24" for flueway cleaning (MPO84 & 147)
      - 30" for flueway cleaning (MPO189)

- 36" for flueway cleaning (MPO231) b. Clearance from Jacket Left Side Panel -
  - 19" for burner swing door, if opened fully with burner mounted, otherwise 1" with burner removed
    - 12" access clearance to service rear of boiler if right side clearance is less
      than 12"
    - than 12"

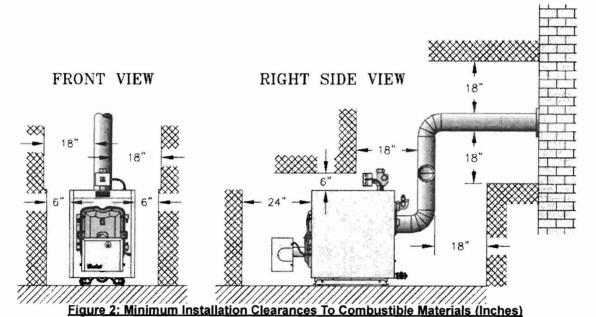
      1" minimum if right side clearance is 12" or
  - larger to access and service rear of boiler.
- c. Clearance from Jacket Right Side Panel 3" minimum if left side clearance is 12" or
- larger to access and service rear of boiler.

  d. Clearance from Jacket Rear Panel -
  - 12" minimum for rear smokebox cleaning (Note: This dimension will also be controlled by horizontal to vertical to horizontal smokepipe arrangement - See
- 5. For minimum clearances to combustible materials. See Figure 2.

# NOTICE

Figures 2 and 16.)

Clearance to venting is for single wall vent pipe. If Type L vent is used, clearance may be reduced to the minimum required by the vent pipe manufacturer.



#### NOTES:

8

- Listed clearances comply with American National Standard ANSI/NFPA 31, Installation of Oil Burning Equipment.
   MPO boilers can be installed in rooms with clearances from
- combustible material as listed above. Listed clearances cannot
- be reduced for alcove or closet installations.3. For reduced clearances to combustible material, protection
- must be provided as described in the above ANSI/NFPA 31 standard.