

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT ISSUED

This is to certify that DENIS J& LACHMAN

Located At 60 HAMBLET

MAR 18 2011

Job ID: 2011-03-508-HVAC

CBL: 179 - -B - 026 - 001 - - - - -

City of Portland

has permission to install a ThermoPride
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

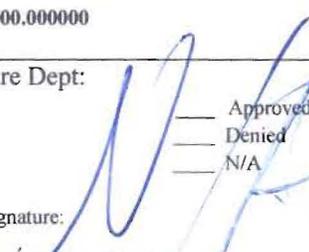
Code Enforcement Officer / Plan Reviewer

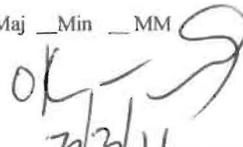
THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY.

PENALTY FOR REMOVING THIS CAR

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2011-03-508-HVAC	Date Applied: 3/1/2011	CBL: 179 - - B - 026 - 001 - - - - -	<div style="color: red; font-weight: bold; font-size: 24px;">PERMIT ISSUED</div> <div style="color: red; font-weight: bold; font-size: 18px;">MAR 18 2011</div> <div style="color: red; font-weight: bold; font-size: 16px;">City of Portland</div>	
Location of Construction: 60 HAMBLET AVE	Owner Name: DENIS J LACHMAN & KAREN SMITH	Owner Address: 55 HAMBLET AVE PORTLAND, ME - MAINE 04103		
Business Name:	Contractor Name: DOWNEAST, ENERGY CO	Contractor Address: PO BOX 250 BRUNSWICK MAINE 04011	Phone:	
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC - HVAC	Zone: R-3	
Past Use: SINGLE FAMILY	Proposed Use: SAME: SINGLE FAMILY - To replace heating system	Cost of Work: 5000.000000	CEO District:	
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type:	
		Signature: 	Signature: 	
Proposed Project Description: 60 Hamblet Ave - to replace heating system		Pedestrian Activities District (P.A.D.)		

Permit Taken By:	Zoning Approval		
<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building Permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date:  3/3/11	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 
	CERTIFICATION		

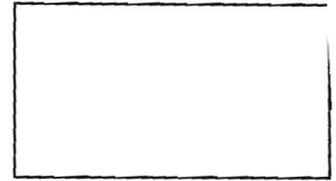
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHON	



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 60 Hamblet Ave Use of Building Private Date 3/1/11
 Name and address of owner of appliance Dennis Lachman 55 Hamblet Ave
Portland 04103
 Installer's name and address Doug East Energy 172 Main St
South Portland Telephone 799-5385

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name:

ThermaBride

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # MS 30007705
 Gas # _____
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ UL# _____

Type of Fuel Tank

- Oil
 Gas

Size of Tank 275

Number of Tanks 1

Distance from Tank to Center of Flame 20 feet.

Cost of Work: \$ 4,800.00

Permit Fee: \$ _____

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

PERMIT ISSUED

MAR 18 2011

City of Portland

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

1. Final - Residential

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



Strengthening a Remarkable City, Building a Community for Life City of Portland www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-03-508-HVAC

Located At: 60 HAMBLET

CBL: 179 - - B - 026 - 001 - - - -

Conditions of Approval:

Building

1. Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules.
2. This appliance/stove shall be installed, operated and maintained per the manufacturers specifications and the UL listing.

Job Summary Report
Job ID: 2011-03-508-HVAC

Report generated on Mar 3, 2011 10:08:23 AM

Page 1

Job Type:	HVAC	Job Description:	60 Hamblet <i>AVE</i>	Job Year:	2011
Building Job Status Code:	Initiate Plan Review	Pin Value:	768	Tenant Name:	
Job Application Date:		Public Building Flag:	N	Tenant Number:	
Estimated Value:	5,000	Square Footage:			
Related Parties:		DENIS J LACHMAN		<i>Property Owner</i>	
		Downeast Energy - ENERGY DOWNEAST		<i>GENERAL CONTRACTOR</i>	

Job Charges

Fee Code Description	Charge Amount	Permit Charge Adjustment	Net Charge Amount	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Net Payment Amount	Outstanding Balance
Job Valuation Fees	\$70.00		\$70.00	3/2/11	1610	\$70.00		\$70.00	\$0.00

Location ID: 25242

Location Details

Alternate Id	Parcel Number	Census Tract	GIS X	GIS Y	GIS Z	GIS Reference	Longitude	Latitude
H14320	179 B 026 001		M				-70.303028	43.677414

Location Type	Subdivision Code	Subdivision Sub Code	Related Persons	Address(es)
1				60 HAMBLET AVENUE NORTH

Location Use Code	Variance Code	Use Zone Code	Fire Zone Code	Inside Outside Code	District Code	General Location Code	Inspection Area Code	Jurisdiction Code
SINGLE FAMILY		NOT APPLICABLE	R-3				DISTRICT 7	DEERING-ROSEMONT

Structure Details

Structure: Single Family Home

Occupancy Type Code:

Structure Type Code	Structure Status Type	Square Footage	Estimated Value	Address
Single Family	0			60 HAMBLET AVENUE NORTH

Longitude	Latitude	GIS X	GIS Y	GIS Z	GIS Reference	User Defined Property	Value

Permit #: 20111606

Permit Data

Not in Que



DOWNEAST ENERGY

Good Friends For All Seasons

February 3, 2011

Dennis Lachman
55 Hamlet Ave
Portland, ME 04103

60 Hamble

Home Construction Contract

*3/3
THURSDAY*

*Please
Schedule*

Permit

Downeast Energy is pleased to quote the following options to replace your existing hot air furnace:

OPTION # 1: 1- ThermoPride model OL585. This is an 85,000 BTU oil-fired hot air furnace in the rear flue configuration. This comes with a new Beckett flame retention oil burner and Honeywell controls. All necessary ductwork transitions would be included. Also included would be the removal and disposal of your old unit.

This Price Includes: All other necessary materials, taxes and permits. All workmanship would be guaranteed for 12 months from date of installation

Total NET price installed (including all parts & labor): \$4,800.00.

NOTE: For this option it is required that the existing masonry chimney has an approved lining system, free of cracks or defects. The existing condition of your chimney is not known and should it be necessary to be lined, it is not included in the above proposal. This is to be done by another contractor

OPTION # 2: 1- ThermoPride model CHX75. This is a 75,000 BTU high efficiency condensing 2- stage warm air furnace This is to be run on propane gas and to be vented to the outside of the building using 3" PVC. All necessary ductwork transitions would be included.

This Price Includes: All other necessary materials, taxes and permits. All workmanship would be guaranteed for 12 months from date of installation.

Total NET price installed (including all parts & labor): \$6,250.00.

NOTE: This option does include pumping the existing oil tank and removing the existing oil tank.

CHANGE ORDERS: Any alteration or deviation from the above contractual specifications that results in a revision of the contract price will be executed only upon the parties entering into a written change order

WE ARE NOT RESPONSIBLE FOR THE DISCOVERY, HANDLING, TREATMENT, REMOVAL OR SAFETY OF ANY ASBESTOS OR EQUIPMENT CONTAINING ASBESTOS.

PAYMENT: Due in full within 30 days from date of completion.

FINANCING AVAILABLE UPON CREDIT APPROVAL. WOULD YOU LIKE TO APPLY YES NO

NOTE: Special financing programs require that you purchase your total fuel requirements on automatic delivery from Downeast Energy for the duration of the financing term. Should you fail to purchase your total fuel requirements on automatic delivery from Downeast Energy, the outstanding balance is immediately due and payable.

ANY SPECIAL PAYMENT TERMS MUST BE APPROVED PRIOR TO INSTALLATION BY AN AUTHORIZED COMPANY REPRESENTATIVE.

QUOTATION VALIDITY: The above quote is firm for the period of 30 days. Beyond that period, quotes are subject to adjustment should there be a change in the various costs to us. Said changes would, of course, be confirmed by us prior to ordering.

WARRANTY: In addition to any additional warranties agreed to by the parties, the contractor warrants that the work will be free from faulty materials, constructed according to the standards of the building code applicable for this location; constructed in a skillful manner and fit for habitation or appropriate use. The warranty rights and remedies set forth in the Maine Uniform Commercial Code apply to this contract.



DOWNEAST ENERGY

Good Friends For All Seasons

Home Construction Contract

RESOLUTION OF DISPUTES: If a dispute arises concerning the provisions of this contract or the performance by the parties, then the parties agree to settle this dispute by jointly paying for one of the following (check only one):

- Binding arbitration as regulated by the Maine Uniform Arbitration Act, with the parties agreeing to accept as final the arbitrator's decision
- Nonbinding arbitration, with the parties free to not accept the arbitrator's decision and to seek satisfaction through other means, including a lawsuit.
- Mediation, with the parties agreeing to enter into good faith negotiations through a neutral mediator in order to attempt to resolve their differences.

CONSUMER PROTECTION INFORMATION: Maine law requires the Contractor to attach to this Contract a copy of the Attorney General's consumer protection information on home construction and repair, which includes information on contractors successfully sued by the State, as provided on the Attorney General's publicly accessible website, **unless the parties agree otherwise**. We agree that we will not attach this information to this contract. You may access these pages at: http://www.maine.gov/ag/consumer/housing/home_construction.shtml, or by calling the Attorney General's telephone number - (207)626-8800, (TTY: 207-626-8865).

IF PROPOSAL IS ACCEPTED, PLEASE SIGN AND RETURN ONE COPY

SIGNATURE: *Dennis Lachman*
(homeowner or lessee)

DATE: 2.14.11

SIGNATURE: _____
(contractor or authorized representative)

DATE: _____

COMPANY: Downeast Energy

ADDRESS: 172 Main St., South Portland, ME 04106

NAME: *Steve Trudelle*
Steve Trudelle

TELEPHONE: 799-5585

FISC
FEB 16 2011
FISC

February 14, 2011

Steve Trudelle, Sales Rep
Downeast Energy

~~WO 10795~~
3926 Pys
1 Hour labor

Hi Steve, Enclosed please find the following:

Furnace - Signed contract for Option #1, oil fired hot air furnace.

Chimney - Proposal from Pickets Chimney. Could you schedule with Paul directly to ensure the work is coordinated.

Price - In your conversation with Kiya you agreed to credit the \$353.25 we already paid for labor and materials on 12/17/10 for the existing damaged furnace. Therefore we anticipate the total price to be \$4,446.75 (\$4,800 - \$353.25).

In addition we just got a second bill from Downeast for more labor and materials on 1/26/11 for \$210.26 for the existing damaged furnace. We would greatly appreciate if this labor and materials charge - devoted to the same damaged furnace which you will remove - would be waived. We appreciate your consideration.

↑
slip
50/50

Schedule - Please let us know when you want to schedule the work, so we can coordinate with the tenant.

Thank you,

Denis Lachman

Denis Lachman and Kiya Smith

772-1195, 831-0651

525140

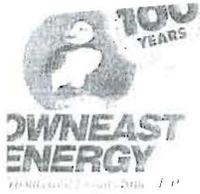
NAME <i>Henry's Backwash</i>	SHIP TO
ADDRESS <i>60 Hamblet</i>	ADDRESS
CITY, STATE, ZIP <i>Portland</i>	CITY, STATE, ZIP

ORDER NUMBER <i>531-9585</i>	DEPARTMENT	SALESPERSON <i>772-1195</i>	WHEN SHIP	TERMS	HOW SHIP	DATE <i>2/4/11</i>
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QUANTITY	DESCRIPTION	PRICE	AMOUNT
<i>30'</i>	<i>6" 171-Flr Stainless Steel liner 7/16"</i>		
<i>1</i>	<i>Gate</i>		
<i>1</i>	<i>tee. Plug</i>		
<i>1</i>	<i>Cap</i>		
<i>1</i>	<i>flange top</i>		
<i>3</i>	<i>Bags Thermal Insulat Flue</i>		
	<i>*Lifetime warranty</i>		<i>\$1050</i>

Pickett's Chimney
 1 Arbor View Lane
 Scarborough, ME 04074
 885-9103 729-1155

JYER:



DOWNEAST ENERGY
 172 MAIN ST
 60 PORTLAND, ME 04106-2623
 755-5585 (800)244-5585

PLEASE DO NOT
 DETACH AT PERFORATION
 AND RETURN WITH
 YOUR REMITTANCE

*** SERVICE INVOICE *** 7883 ***

Mr Denis Lachman
 55 Hamblet Ave
 Portland, ME 04103

ACCT# 1246520 12/17/10
 ACCT. NO. DATE

Mr Denis Lachman
 1246520 12/17/10
 REF # 7883

STANT: PLEASE SEE REVERSE SIDE FOR IMPORTANT INFORMATION REGARDING THIS STATEMENT.

QUANTITY	DESCRIPTION	AMOUNT	AMOUNT
EFFICIENCY: CO2 12.0% LWCO N/A			
	NZ# 75 60SS		
1.000	0554A CAD CELL COMPLETE	30 81	
2.000	CO2 CARTRIDGE	7 25	
1.000	NOZZLE	7 19	
1.000	264 GENERAL FILTER REFILL	4 00	
1.000	R7284U1004 PRIMARY	125 15	
	TOTAL PARTS	182 25	PART TOT 182 25
	TOTAL LABOR	171 00	LABR TOT 171 00
	*** TOTAL CHARGE FOR INVOICE # 7883 ***	353 25	TTL CHRG 353 25

SITE: 60 HANBLET AVE PORTLAND *FURNACE*
 CALL REASONS: No Heat
 WORK PERFORMED CLEANED BURNER

*1/20/11 for
 60 Hamblet*

AVOID A LATE CHARGE. PAYMENT IN FULL MUST BE MADE WITHIN 30 DAYS OF THE DATE OF PURCHASE

AMOUNT REMITTED \$



DOWNEAST ENERGY
 172 MAIN ST
 SO PORTLAND, ME 04106-2623
 799-5585 (800)244-5585
 *105222341****

Billing Statement

Account Number: 1246520
 Statement Date: 02/05/11

DATE	REF. #	ITEM DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
		Previous Balance			353.25
01/20/11		WEB PAYMENT THANK YOU			-353.25
01/26/11	10795	OIL BURNER LABOR			171.00
01/26/11	10795	OIL BURNER PARTS			39.26
<p>Balance 210.26 Current 210.26 Over 30 0.00 Over 60 0.00 Over 90 0.00 Over 120 0.00</p> <p>To avoid a late charge, payment in full for all non-budget items must be made within 30 days of the date of purchase. Plan payments are due on the 10th of the month.</p>					
				TOTAL DUE	\$210.26

1000E-3000/1-PA-1000



DOWNEAST ENERGY
 Good Friends For All Seasons

888-665-2727 • downeastenergy.com

Please return this portion with your payment.

Address Change
 Please check the box to
 the left and see reverse.

Account Number: 1246520
 Statement Date: 02/05/11

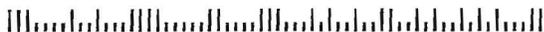
Total Due \$210.26

AMOUNT ENCLOSED

\$

*105222341*****3-DIGIT*041
 Mr Denis Lachman
 55 Hamblet Ave
 Portland, ME 04103

Downeast Energy
 PO Box 11016
 Lewiston, ME 04243-9467



OIL FIRED FURNACE SPECIFICATIONS

MODELS	HIGHBOY										COUNTERFLOW				HORIZONTAL						
MODEL NO. ¹⁰	OH2-56 ⁴		OH3-72		OH5-85		OH11-105		OH16-125		OC2-56 ⁴		OC5-85		OT5-85 ¹		OT11-105 ¹		OT16-125 ¹		
BTU PER HR. INPUT	70,000		90,000		106,250		126,000		156,250		70,000		106,250		106,250		126,000		156,250		
BTU PER HR. OUTPUT AT BONNET ⁷	56,000		72,000		85,000		101,000		125,000		56,000		85,000		85,000		101,000		125,000		
HEIGHT OF CASING	52"		56"		56"		59-1/2"		66"		57-1/2"		56"		20-1/2"		24"		26"		
WIDTH OF CASING	19"		22"		24"		24"		24"		19"		24"		68"		74"		74"		
DEPTH OF CASING	27"		30"		33"		34"		36-1/2"		27"		33"		24-1/2"		24-1/2"		26"		
WARM AIR OUTLET ²	17" x 17"		16" x 16"		22" x 20"		22" x 20"		22" x 22"		17" x 17"		20" x 16"		18" x 16"		20" x 20"		22" x 20"		
RETURN AIR INLET ²	20" x 16"		20" x 16"		25" x 16"		25" x 16"		25" x 16"		17" x 17"		22" x 20"		18" x 16"		20" x 20"		22" x 20"		
DIA. OF FLUE OUTLET	5"		6"		6"		6"		7"		5"		6"		6"		6"		7"		
FLOOR-CENTER OF FLUE	TOP		TOP		TOP		TOP		TOP		TOP		TOP		8-1/2"		12"		13"		
STANDARD HORSEPOWER	B	1/3		1/3		1/3		1/3		1/2		1/3		1/3							
	DD	1/2 - 4 SP		3/4 - 4 SP		1/2 - 4 SP		1/2 - 4 SP		1/2 - 4 SP		1/2 - 4 SP		3/4 - 4 SP							
CFM @ 0.2 & 0.5 W.C. ⁵	B	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5
	DD	1050	850	1120	970	1157	970	1525	1150	1679	1358	1100	875	1210	1100						
HI-SPEED	DD	1371	1172	1113	876	1700	1500	1619	1385	2285	2077	1229	963	1504	1307	1596	1408	2237	2062		
MH-SPEED	DD	1120	992	997	770	1400	1262	1360	1181	1949	1768	1067	845	1207	1100	1296	1130	1329	1162	2020	1897
ML-SPEED	DD	916	801	897	685	1118	1025	1122	1022	1641	1535	840	721	962	873	1064	944	1069	940	1877	1789
LO-SPEED	DD	734	608	728	585	891#	777#	891#	815#	1363	1255	714	600	771#	667#	859	751	863	742	*	*
A/C CAPACITY STANDARD MOTOR	B	2 TON		2 TON		2 TON		2 1/2 TON		3 1/2 TON		2 TON		2 TON							
	DD	3 TON		2 TON		3 1/2 TON		3 1/2 TON		5 TON		2 1/2 TON		3 TON		3 1/2 TON		3 1/2 TON		5 TON	
A/C CAPACITY WITH MOTOR UPGRADE ⁵	B	2 1/2 TON		2 1/2 TON		4 TON		4 TON		5 TON		2 1/2 TON		4 TON							
	DD					4 TON		4 TON						3 1/2 TON				4 TON			
APPROX. TEMPERATURE RISE	B	70°		70°		70°		70°		70°		70°		70°							
	DD	70°		70°		70°		70°		70°		70°		70°		70°		70°		70°	
NOZZLE SIZE SPRAY ANGLE PATTERN H=HOLLOW S=SOLID	UR ^{**}	0.55		0.65		0.75		0.90		1.25		0.55		0.85		0.75		0.90		1.25	
		0.50		0.65		0.75		0.90		1.10		0.50		0.75		0.75		0.90		1.10	
	SW ^{***}	70°H		80°H		80°H		80°H		80°H		70°H		80°H		80°H		80°H		80°H	
NO. AND SIZE OF PERMANENT FILTERS	ONE 16" x 20"		ONE 16" x 20"		ONE 16" x 25"		ONE 16" x 25"		ONE 20" x 25"		TWO 10" x 17"		TWO 12" x 20"		ONE 16" x 25"		ONE 20" x 25"		ONE 20" x 25"		
FILTER RACK FLANGE DIMENSIONS ²	19-1/2" x 15"		19-1/2" x 15"		24-1/2" x 15"		24-1/2" x 15"		23-1/2" x 19"		N/A		N/A		N/A		N/A		N/A		
APPROX. EFFECTIVE HEATING SURFACE	2721.6 SQ. IN.		3320 SQ. IN.		4650 SQ. IN.		5300 SQ. IN.		7400 SQ. IN.		2712 SQ. IN.		4650 SQ. IN.		4570 SQ. IN.		5500 SQ. IN.		7400 SQ. IN.		
APPROX. SHIPPING WGT.	300 LBS.		365 LBS.		410 LBS.		490 LBS.		546 LBS.		305 LBS.		420 LBS.		365 LBS.		445 LBS.		500 LBS.		
SEASONAL EFFICIENCY ⁸	80.7%		78.1%		80.6%		80.0%		81.2%		81.0%		83.3%		82.1%		78.2%		78.0%		

¹ THESE MODELS HAVE EXPOSED BURNERS. T-UNITS NOT FOR ATTIC INSTALLATION

² ON ALL OUTLET AND INLET DIMENSIONS, THE FIRST DIMENSION IS WIDTH

⁴ THESE UNITS ARE EQUIPPED WITH A HIGH MICRON FILTER AND CANISTER FOR OIL LINE FILTRATION.

⁵ MAX. CFM USING STANDARD MOTOR SUPPLIED-FOR HIGHER STATIC RESISTANCE IN DUCT SYSTEM, A LARGER MOTOR MAY BE REQUIRED.

* NOT RECOMMENDED FOR LOW SPEED.

⁸ SPEED NOT RECOMMENDED FOR HEATING.

⁶ SUBSTITUTION OF A LARGER MOTOR AND/OR ALTERING THE PULLEY RATIO WILL RESULT IN HIGHER CFM AND PERMIT LARGER AIR CONDITIONING CAPACITY

⁷ BTU OUTPUT BASED ON 80% EFFICIENCY, RATED BY MANUFACTURER ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

⁸ SEASONAL EFFICIENCY (ALSO CALLED AFUE- ANNUAL FUEL UTILIZATION EFFICIENCY) RATINGS ARE BASED ON TESTS FOLLOWING U.S. DEPARTMENT OF ENERGY TEST PROCEDURES

¹⁰ ALL MODELS IN CHART ARE U.L. LISTED.

** UR = UL RATED *** SW = SHIPPED WITH

OIL FIRED FURNACE SPECIFICATIONS

MODELS	LOWBOY															
MODEL NO. ¹⁰	OL2-56 ⁴	OL5-85	OL11-105	OL16-125	OL20-151	OL33-200 ³	OL37-250 ³	OL39-320 ³								
BTU PER HR. INPUT	70,000	106,250	126,000	156,250	185,000	250,000	312,500	400,000								
BTU PER HR. OUTPUT AT BONNET ⁷	56,000	85,000	101,000	125,000	151,000	200,000	250,000	320,000								
HEIGHT OF CASING	34-3/4"	43-1/4"	46-1/2"	46-1/2"	50-1/2"	60-3/4"	67-3/4"	67-3/4"								
WIDTH OF CASING	19"	25"	25"	27"	27"	34"	38"	38"								
DEPTH OF CASING	48"	50-1/4"	54-1/2"	58-1/2"	58-1/2"	72"	85-1/2"	85-1/2"								
WARM AIR OUTLET ²	17" x 17"	20" x 20"	20" x 20"	22" x 22"	22" x 22"	28" x 28"	32" x 32"	32" x 32"								
RETURN AIR INLET ²	17" x 17"	20" x 14"	20" x 16"	22" x 18"	22" x 18"	28" x 24"	32" x 28"	32" x 28"								
DIA. OF FLUE OUTLET	5"	6"	6"	7"	7"	9"	9"	9"								
FLOOR-CENTER OF FLUE	29-1/4"	36"	38-1/2"	40"	44"	51-3/4"	59"	59"								
STANDARD HORSEPOWER	B	1/3	1/3	1/3	1/2	1/2	1/2	3/4	1							
	DD	1/2 - 4 SP	1/2 - 4 SP	1/2 - 4 SP	3/4 - 4 SP	3/4 - 4 SP										
CFM @ 0.2 & 0.5 W.C. ⁵	B	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5			
	DD	1040	750	1157	970	1525	1150	1702	1410	2073	1516	2315	1920	2893	2410	3700
HI- SPEED MH-SPEED ML-SPEED LO-SPEED	DD	1455	1241	1726	1493	1728	1506	2239	1962	2177	1885					
	DD	1197	1049	1320	1213	1353	1249	1799	1606	1699	1516					
	DD	957	875	1066	983	1060#	988#	1477	1346	1390	1269					
	DD	768	685	848#	764#	845#	759#	1178	1077	1117	1019					
A/C CAPACITY STANDARD MOTOR	B	2 TON	2 TON	2 TON	3 1/2 TON	5 TON			5 TON	5 TON			8 TON			
	DD	3 TON	3 1/2 TON	3 1/2 TON	5 TON	5 TON										
A/C CAPACITY WITH MOTOR UPGRADE ⁶	B	2 1/2 TON	4 TON	4 TON	5 TON					10 TON	10 TON			10 TON		
	DD			4 TON	4 TON											
APPROX. TEMPERATURE RISE	B	70°	70°	70°	70°	70°			70°	70°			70°			
	DD	70°	70°	70°	70°	70°			70°							
NOZZLE SIZE SPRAY ANGLE PATTERN H=HOLLOW S=SOLID	UR**	0.55	0.75	0.90	1.25	1.35			2.00	2.50			3.00			
	SW***	0.50	0.75	0.90	1.10	1.35			1.75	2.25			2.75			
		70°H	80°H	80°H	80°H	80°H			80°S	80°S			80°S			
NO. AND SIZE OF PERMANENT FILTERS		ONE 16" x 20"	ONE 20" x 20"	ONE 20" x 25"	TWO 14" x 25"	TWO 14" x 25"			¹¹ TWO 2"x20"x25"	¹¹ FOUR 2"x16"x20"			¹¹ FOUR 2"x16"x20"			
APPROX. EFFECTIVE HEATING SURFACE		3038.4 SQ. IN.	4850 SQ. IN.	5500 SQ. IN.	7400 SQ. IN.	7525 SQ. IN.			12,000 SQ. IN.	16,000 SQ. IN.			16,000 SQ. IN.			
APPROX. SHIPPING WGT.		315 LBS.	410 LBS.	500 LBS.	560 LBS.	600 LBS.			1025 LBS.	1120 LBS.			1150 LBS.			
SEASONAL EFFICIENCY ⁸		82.8%	82.0%*	81.6%*	80.0%	81.1%			N/A ⁹	N/A ⁹			N/A ⁹			

² ON ALL OUTLET AND INLET DIMENSIONS, THE FIRST DIMENSION IS WIDTH

³ THESE MODELS SHIPPED KNOCKED DOWN - ALL OTHER UNITS ASSEMBLED

⁴ THESE UNITS ARE EQUIPPED WITH A HIGH MICRON FILTER AND CANISTER FOR OIL LINE FILTRATION.

⁵ SPEED NOT RECOMMENDED FOR HEATING

⁶ WHEN PROVIDED WITH OPTIONAL RIELLO BURNER: OL5-85M=86.0% AFUE, OL11-105M=82.6% AFUE

⁷ MAX CFM USING STANDARD MOTOR SUPPLIED - FOR HIGHER STATIC RESISTANCE IN DUCT SYSTEM, A LARGER MOTOR MAY BE REQUIRED.

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⁹ DEPARTMENT OF ENERGY TEST PROCEDURES DO NOT REQUIRE TESTING ON UNITS WITH 200,000 BTU INPUT OR HIGHER

¹⁰ ALL MODELS IN CHART ARE U.L. LISTED

¹¹ OL33,37,39 HAVE DISPOSABLE FILTERS

M A/C CAPACITY
 RD UPGRADE APPROX.
 DD BD DD SHIPPING
 WEIGHT

3	—	—	315
3.5	—	4	410
3.5	—	4	500
5	—	—	560
5	—	—	600
—	10	—	1025
—	10	—	1120
—	10	—	1150
3.5	—	4	490
5	—	—	546
3.5	—	4	445
5	—	—	500

3.5	—	—	490
3.5	—	—	315
3.5	—	—	410
3.5	—	—	500
5	—	—	560
5	—	—	600

selecting the proper burner, consult the American National

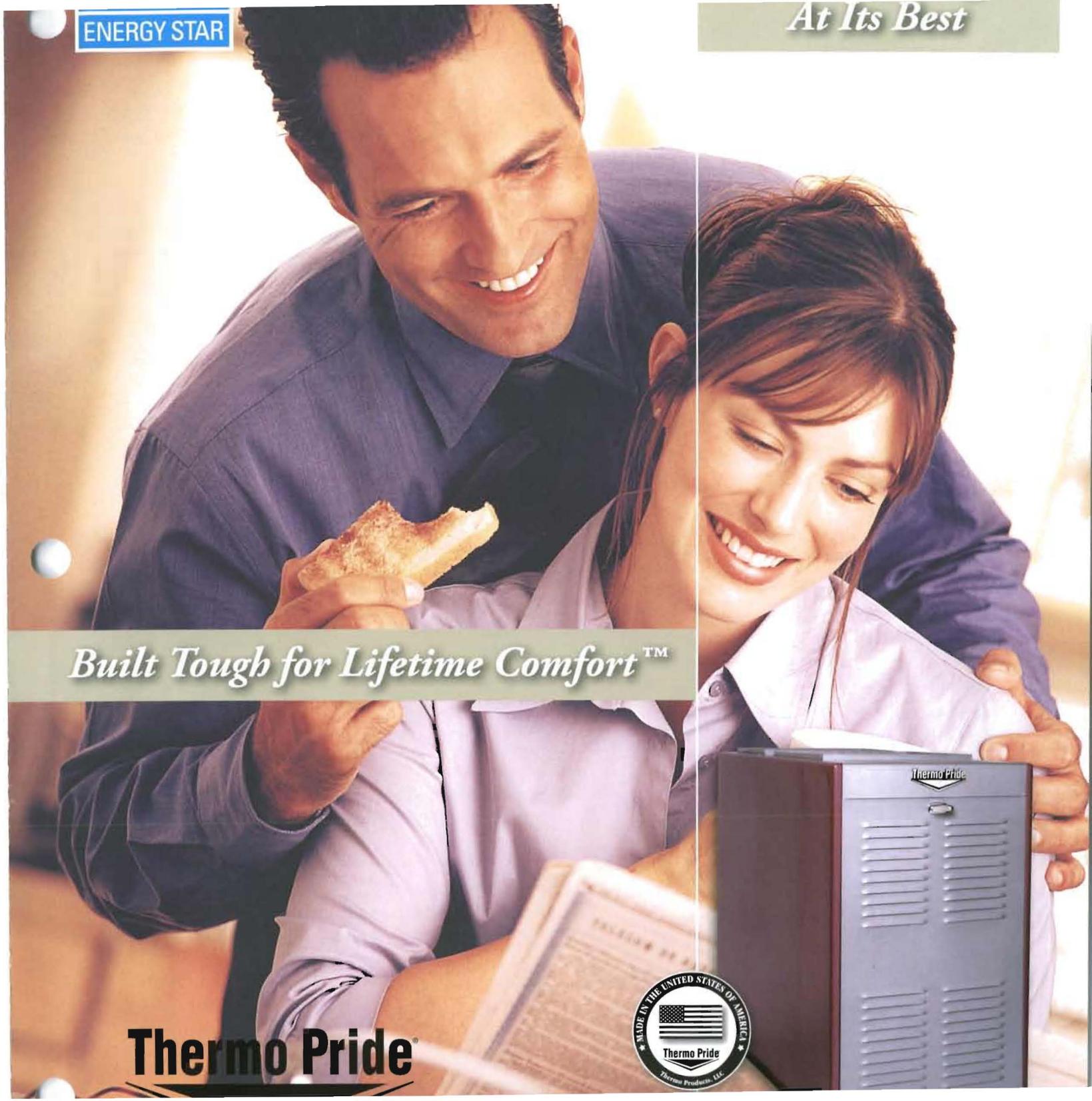
ional Riello burner.

Variable Thermostat
 combination heating/cooling system, the Premiere Series Variable Thermostat maximizes energy efficiency. Use up to four different zones.

Advanced Media Air Filter
 Advanced media filters remove odors and allergens, plus control air born pollutants, plus allergen control.

ENERGY STAR

At Its Best



Built Tough for Lifetime Comfort™

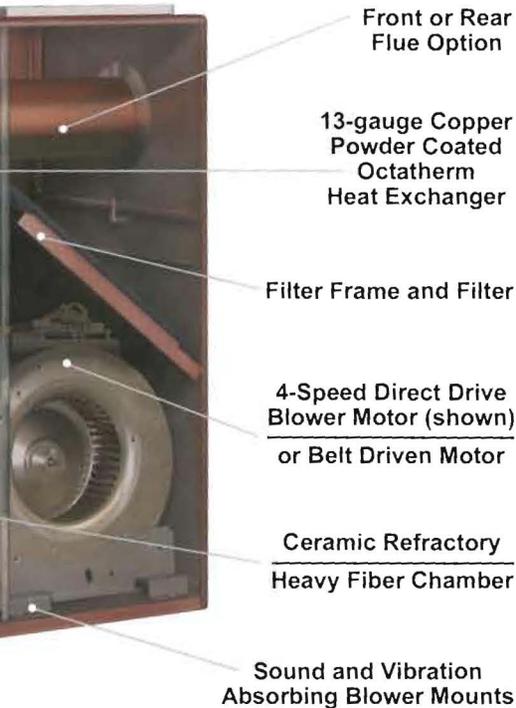
Thermo Pride



Premiere Oil Furnace

Dependable Craftsmanship with Maximum Comfort

When you want to experience exceptional comfort, increased efficiency, and quieter operation while still receiving the handcrafted quality and proven warranty of Thermo Pride's traditional oil furnace, select the Premiere Oil Furnace with the ECM variable-speed blower motor. Since the ECM motor automatically adjusts its speed for varying heating and cooling modes your home's maximum comfort is achieved.



Some of the ECM benefits include:

- Quieter start up, greater efficiency, and more comfortable operation due to infinite fan motor speeds
- Delivery of comfortable airflow in both the heating and cooling modes. On a call for heat or cooling the blower motor starts at the slower speed and builds to the correct running speed
- Automatically compensates for restricted ducts or a dirty air filter by increasing the motor speed (routine filter cleaning is still recommended.)
- Energy bills will be lower due to quieter efficiency of the ECM motor (especially when you run the blower for long periods of time.)
- Reduced fan speeds will run quietly and save energy when the blower runs constantly as with air filtration, for example.

Saving to Experience

Since the ECM variable-speed blower motor uses less electricity than a conventional blower motor, not only will you have increased comfort, but you can also save money (based on 0.08/kWh electric cost).

1. Annual Savings for heating your house — average \$58
2. Annual Saving for heating and cooling your house — average \$76
3. When using a constant fan that runs for air filtration, your annual savings can average \$480 for just heating your house or \$429 for heating and cooling your house.

"This Furnace is much quieter. Heats rooms that were cool with previous furnace. So far we have used less kw of power each month compared to the previous year."

Bob Williams, VP of Roscoe Energy Systems & Oil Company



Automatic/Manual Control

starts and stops the blower fan at the temperatures to ensure that only warm air enters your home. The manual for consistent air movement.

and Filter

filter means cleanliness, convenience, and savings over disposable air filters.

Efficiency Flame Retention Burner

Efficient flame retention burners are used in Thermo Pride furnaces. They provide clean combustion and higher fuel efficiency.