

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT



**This is to certify that**

NORMAND BERUBE BUILDERS INC /Jamys Plumbing  
& Heating

**Located at**

88 SKYLARK RD

**PERMIT ID:** 2013-00407

**ISSUE DATE:** 04/11/2013

**CBL:** 349 I007001

has permission to **HVAC; Install Pensoitti Boiler**

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 cloed-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 procured prior to occupancy.

\_\_\_\_\_  
**Fire Prevention Officer**

\_\_\_\_\_  
**Code Enforcement Officer / Plan Reviewer**

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY  
THERE IS A PENALTY FOR REMOVING THIS CARD**

**PERMIT ID:** 2013-00407

**Located at:** 88 SKYLARK RD

**CBL:** 349 I007001

**BUILDING PERMIT INSPECTION PROCEDURES**  
Please call 874-8703 (ONLY)  
or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

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.**

**REQUIRED INSPECTIONS:**

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.

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 2013-00407	<b>Date Applied For:</b> 02/28/2013	<b>CBL:</b> 349 I007001
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<b>Location of Construction:</b> 88 SKYLARK RD	<b>Owner Name:</b> NORMAND BERUBE BUILDERS	<b>Owner Address:</b> 1040 PORTLAND RD	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Jamys Plumbing & Heating	<b>Contractor Address:</b> 416 Jordan Springs Road Alfred	<b>Phone</b> (207) 590-7806
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	

<b>Proposed Use:</b> New Single Family	<b>Proposed Project Description:</b> HVAC; Install Pensoitti Boiler
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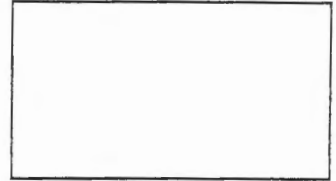
<b>Dept:</b> Zoning <b>Note:</b>	<b>Status:</b> Approved	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 03/01/2013 <b>Ok to Issue:</b> <input checked="" type="checkbox"/>
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<b>Dept:</b> Building <b>Note:</b>	<b>Status:</b> Approved w/Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 04/11/2013 <b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) The installation must comply with the State of Maine Gas Regulations.			
2) Equipment shall be installed in compliance with the manufacturer's specifications and the UL listing.			



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 88 Skylark Rd. Use of Building Residential Date 2-26-13  
 Name and address of owner of appliance Berube Builders  
Scarborough, ME  
 Installer's name and address Jamy Blanchard  
415 Jordan Springs Rd Alfred, ME 04002 Telephone 590-7806

Location of appliance:  
 Basement  Floor  
 Attic  Roof  
Utility Room

Type of Fuel:  
 Gas  Oil  Solid

Appliance Name: Rensetti

I.L. Approved  Yes  No

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

NO Explain: \_\_\_\_\_

Type of Chimney:  
 Masonry Lined  
 Factory built Concentric  
 Metal  
 Factory Built U.L. Listing # \_\_\_\_\_

Direct Vent  
 Type Concentric UL# \_\_\_\_\_

Type of Fuel Tank  
 Oil  
 Gas

Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 7,000.00

Permit Fee: \$ 90.00

RECEIVED  
 FEB 28 2013  
 Dept. of Building Inspections  
 City of Portland, Maine

The Type of License of Installer:  
 Master Plumber # \_\_\_\_\_  
 Solid Fuel # \_\_\_\_\_  
 Oil # \_\_\_\_\_  
 Gas # 8814  
 Other \_\_\_\_\_

Approved

Approved with Conditions

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: \_\_\_\_\_

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer

White - Inspection    Yellow - File    Pink - Applicant's    Gold - Assessor's Copy

**City of Portland, Maine - Building or Use Permit Application**

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

<b>Permit No:</b> 2013-00407	<b>Issue Date:</b>	<b>CBL:</b> 349 1007001
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<b>Location of Construction:</b> 88 SKYLARK RD	<b>Owner Name:</b> NORMAND BERUBE BUILDERS INC	<b>Owner Address:</b> 1040 PORTLAND RD SACO, ME 04072		<b>Phone:</b>	
<b>Business Name:</b>	<b>Contractor Name:</b> Jamys Plumbing & Heating	<b>Contractor Address:</b> 416 Jordan Springs Road Alfred ME 04002		<b>Phone:</b> (207) 590-7806	
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC		<b>Zone:</b> R3	
<b>Past Use:</b> New Single Family  <i>under 2012-65665</i>	<b>Proposed Use:</b> New Single Family	<b>Permit Fee:</b> \$90.00	<b>Cost of Work:</b> \$7,000.00	<b>CEO District:</b> 8	
<b>Proposed Project Description:</b> HVAC; Install Pensoitti Boiler		<b>FIRE DEPT:</b>		<b>INSPECTION:</b>	
		<input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A		Use Group: Type:	
		Signature:		Signature:	
		<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b>			
		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied			
		Signature: Date:			

<b>Permit Taken By:</b> bjs	<b>Date Applied For:</b> 02/28/2013	<b>Zoning Approval</b>		
<ol style="list-style-type: none"> <li>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>2. Building permits do not include plumbing, septic or electrical work.</li> <li>3. 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..</li> </ol>		<b>Special Zone or Reviews</b>	<b>Zoning Appeal</b>	<b>Historic Preservation</b>
		<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in District or Landmark
		<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review
		<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved		
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions		
Maj <input type="checkbox"/> Minor <input type="checkbox"/> <i>Maj</i> <input checked="" type="checkbox"/>		<input type="checkbox"/> Denied	<input type="checkbox"/> Denied	
Date: <i>3/1/13</i>		Date:	Date: <i>9</i>	

**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

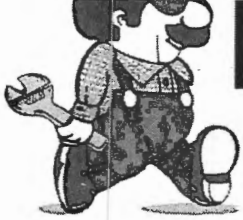
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE



STATE OF MAINE  
DEPT OF PROFESSIONAL & FINANCIAL REGULATION  
MAINE FUEL BOARD  
LICENSE # PNT8814

JAMY LE BLANCHARD  
PROPANE & NATURAL GAS TECHNICIAN  
APPL. CONN. & SERV. TECH.

ISSUED Dec 13, 2011 EXPIRES Dec 31, 2013



# PENSOTTI

A GRANBY COMPANY

## *Instruction Manual*

# **PCH 34/B**

**Condensing Combination  
Space heating / Water heater  
116,008 BTU/h INPUT**



### **WARNING**

If the information in these instructions is not followed exactly, a fire or explosion may result, causing property damage, personal injury or death.

- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS
  - Do not try to light any appliance
  - Do not touch any electrical switch; do not use any phone in your building
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department
- Installation and service be performed by a qualified installer, service agency or the gas supplier.
- Use of a properly calibrated electronic combustion analyzer **MUST** be used to install and/or service this appliance.

Approved in accordance with:  
ANSI Z21.10 / CSA 4.3 - 2011



### 2.3 Installing the combination water heater.

The appliance must be installed exclusively on a vertical solid wall capable of supporting its weight.

- The combination water heater should be fitted within the building unless otherwise protected by a suitable enclosure i.e. garage or outhouse. (The combination water heater may be fitted inside a cupboard)
- If the combination water heater is sited in an unheated enclosure then it is recommended to leave the ON/OFF switch always in ON position to give frost protection.
- If the combination water heater is installed in a room containing a bath or shower reference must be made to the relevant requirements.
- Appliance is approved for installation on combustible walls.

In order to allow access to the interior of the combination water heater for maintenance purposes, it is important that the minimum distances indicated in figure 1 are respected. To make the installation easier, the combination water heater is supplied with a template to enable the pipe connections to be positioned prior to fixing the appliance to the wall.

To install the appliance, proceed as follows (see fig. 2):

- 1. Use a level (of not less than 24" long) to mark a horizontal line on the wall where the appliance is to be fitted.
- 2. Position the top of the template along the line drawn with the level, respecting the distances indicated. Then mark the centres of the positions of the two wall screws or anchors. Finally, mark the positions of the water and gas pipes.
- 3. Remove the template and install the domestic hot and cold water pipes, the gas supply pipe and the central heating pipes using the fittings supplied with the unit.

4. Fix the combination water heater to the wall using the bracket and connect the pipes.

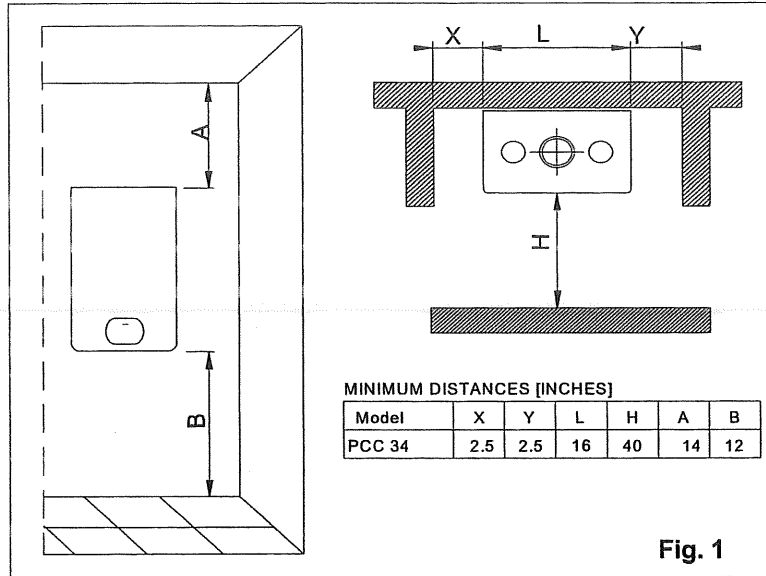


Fig. 1

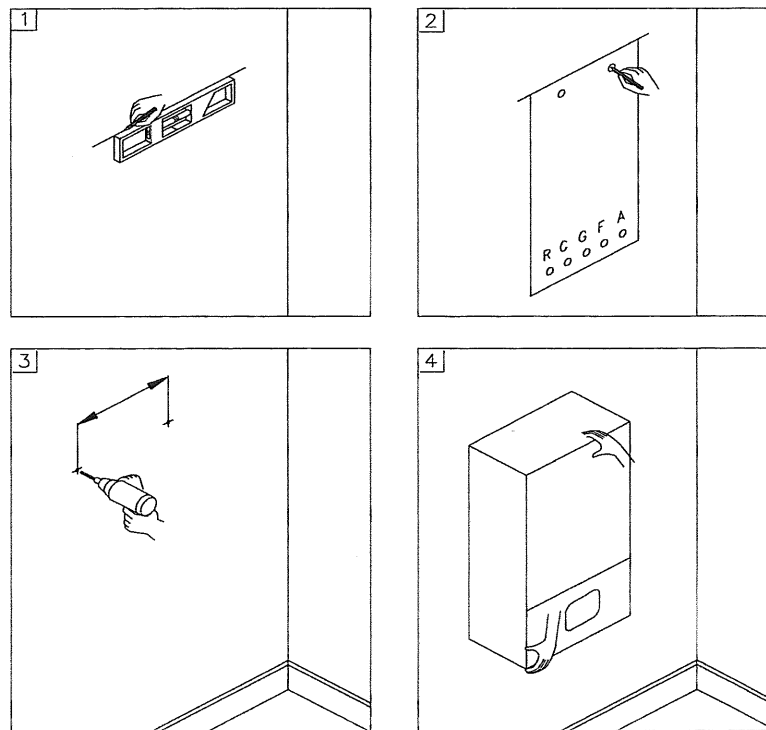
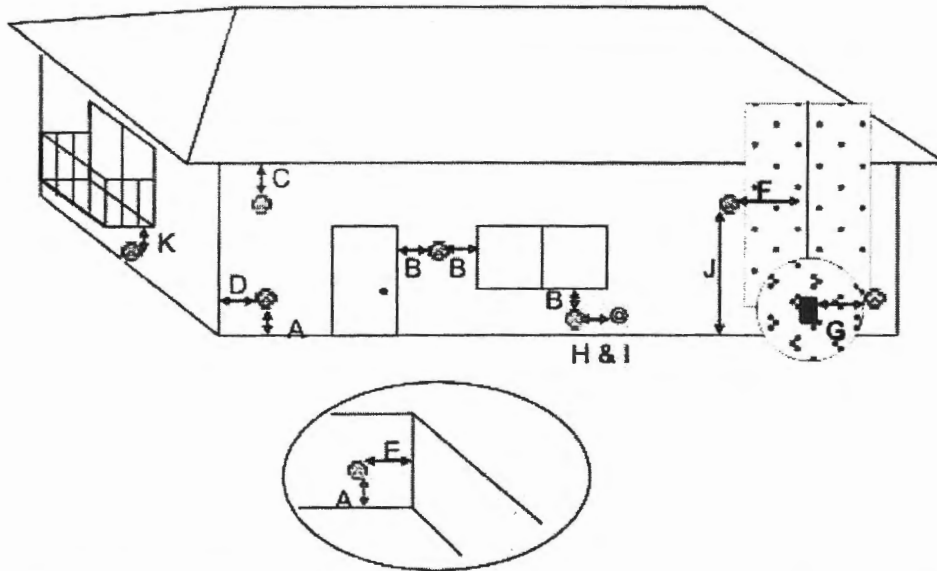


Fig. 2



INSTALLATION INSTRUCTIONS



Direct Vent Termination Minimum Clearances	
A = 12"	Clearance above grade, snowline, deck, porch or balcony
B = 12"	Clearance to window or door that may be opened
C = 24"	Vertical clearance to ventilated and unventilated soffit within a 2' distance horizontally from center line of DV termination
D = 12"	Minimum distance to outside corner
E = 18"	Minimum distance to inside corner, included walls and fences.
F = 48"	Not to be installed above a gas meter/regulator within F from the center line of the meter/regulator
G = 48"	Minimum clearance to service regulator vent outlet, gas meter or electrical meter
H = 12"	Clearance to non-mechanical inlet air opening into the building
I = 36"	Clearance to a mechanical air inlet into the building
J = 84"	Minimum distance above a paved sidewalk or driveway located on public property. If terminal is located between two single family residences with a sidewalk or driveway between; the same 84" clearance applies.
K = 24"	Minimum clearance beneath porch, deck, veranda or balcony, only if the area below is completely open on at least two sides.

State and local codes may require different clearances, consult the local authority having jurisdiction in each area for details.

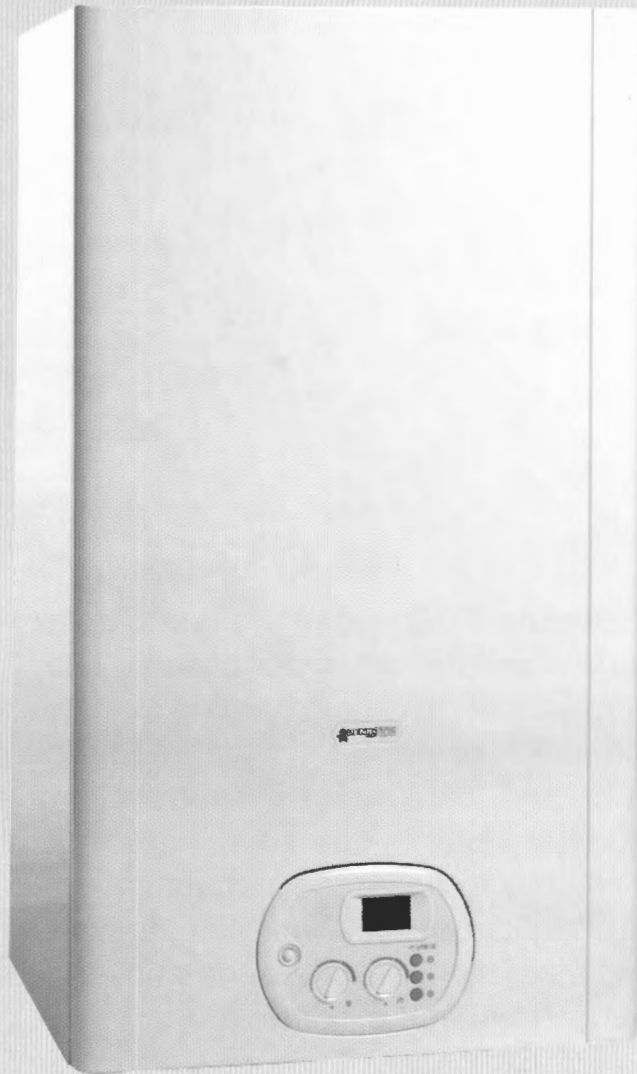
The vent hood must be installed on the leeward side of the structure. Avoid installing the vent hood on the side of the structure receiving normal prevailing winds.

The termination shall be located so that flue gasses, or condensate from the flues gasses, are not directed as to jeopardize people, building materials, building construction, siding or soffits. Flue gasses from the termination shall not be allowed to enter any type of structure.

The termination shall be located no less than 48" above or to the side of the exhaust for any other oil, gas or solid fuel appliance

# **PENSOTTI®**

## **Solenne Series**



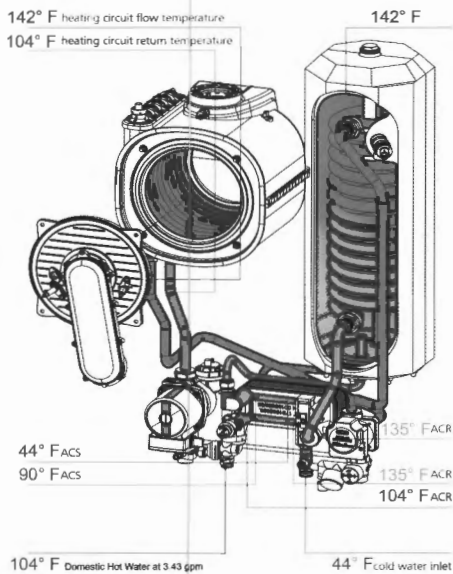
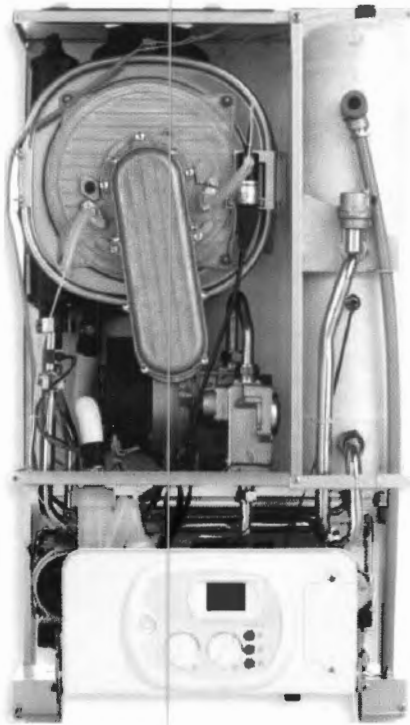
95% Efficient  
Fully Condensing  
Natural or LP Gas Fired  
2 Year Parts Warranty  
10 Year Heat Exchanger Warranty

## PCI Series

The **Solenne PCI** series is a wall-mounted, fully condensing, heat and micro-storage gas boiler with an internal stainless steel indirect water heater. Incorporating our patented Duopass system, the **PCI** series boiler will provide an abundant quantity of domestic hot water. This patented system consists of a stainless steel indirect water heater and a brazed plate heat exchanger.

Upon a demand for domestic hot water the **Solenne PCI** series boiler responds immediately, re-heating the water in the storage tank and pre-heating the entering cold water through the brazed plate heat exchanger.

With a ready supply of stored domestic hot water and the pre-heating of cold water entering the indirect water heater the **PCI** series has a dramatically increased recovery rate when compared to that of any standard combi-boiler. The **Solenne PCI** series is a viable alternative to many applications where an external indirect water heater would normally be required; saving valuable space while reducing material and installation costs.

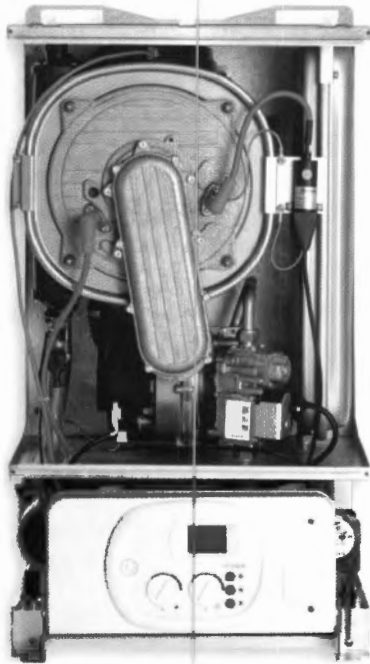
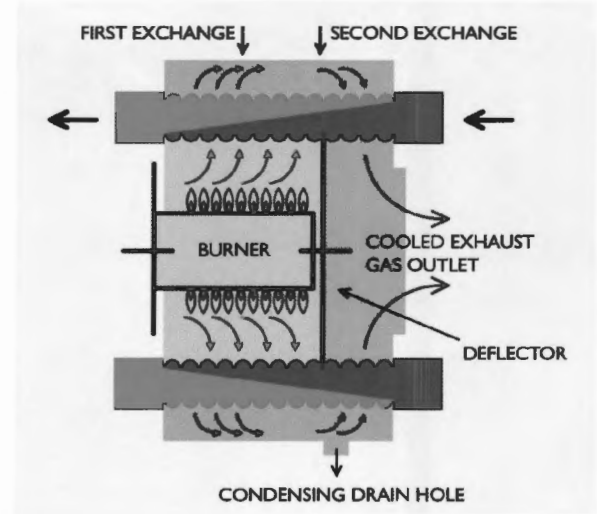


MODEL	BTUH INPUT MAXIMUM	BTUH INPUT MINIMUM	WEIGHT (LBS.)	HEIGHT	WIDTH	DEPTH	DHW FLOW RATE @ 63° F RISE	DHW STORAGE (GALS.)	HEAT TEMP. RANGE	DHW TEMP. RANGE	CONC. VENT SIZE
PCI 18/8	61,419	8,014	114.5	31.1"	17.7"	13"	3.1 GPM	2.11	86-176°F	95-160°F	3.15"/5"
PCI 34/20	116,013	34,121	146	35.5"	19.5"	18.9"	4.5 GPM	5.30	86-176°F	95-160°F	3.15"/5"

## PCH Series

**Solenne PCH** series boilers are heating only, wall mounted, gas condensing boilers, perfect for all hydronic heating systems. They perform effectively and efficiently with all types of systems including: radiant floor, panel radiators, conventional baseboard and hydro-air systems.

If domestic hot water is also desired the **Solenne PCH** series includes an internal 3-way valve, copper pipe fittings and a pre-wired temperature sensor for effortless connection to an indirect fired water heater.



## PCC Series

The **Solenne PCC** series are combination heat and instantaneous domestic hot water boilers. They can be used in conjunction with all hydronic heating systems and will also produce domestic hot water from the integrated stainless steel and copper brazed plate heat exchanger. Combining both heating and domestic hot water in one small appliance, the **Solenne PCC** series dramatically reduces the installation space that is typically required with traditional systems. With its whisper quiet operation and compact size, the **Solenne** series boilers can be installed nearly anywhere within the home.

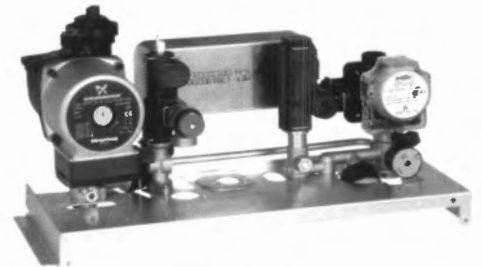
MODEL	BTUH INPUT MAXIMUM	BTUH INPUT MINIMUM	WEIGHT (LBS.)	HEIGHT	WIDTH	DEPTH	DHW FLOW RATE @ 63° F RISE	HEAT TEMP. RANGE	DHW TEMP. RANGE	CONC. VENT SIZE
PCH 18B	61,419	8,014	80	28.7"	16.1"	11.2"	N/A	86-176°F	95-160°F	3.15"/5"
PCH 34B	116,013	34,121	88	28.7"	16.1"	12.2"	N/A	86-176°F	95-160°F	3.15"/5"
PCH 50B	174,019	40,946	114	27.6"	19.3"	18.5"	N/A	86-176°F	95-160°F	3.15"/5"
PCC 34	116,013	34,121	88	28.7"	16.1"	12.2"	3.77	86-176°F	95-160°F	3.15"/5"



Available in 3 distinct styles, **Solenne**, series boilers will accommodate most residential and light commercial heat and hot water applications. All **Solenne** boilers are wall-mounted, fully condensing with sealed combustion systems and a choice of 3 multiple venting options.

Unlike many other boilers, **Solenne** boilers are fully packaged making installation simpler, quicker, and less expensive. No matter which style you choose, every **Solenne** boiler offers a long list of standard features:

- Clean, appliance quality, metal cabinet
- Quality stainless steel heat exchanger
- Premix stainless steel gas burner
- Self diagnostic control system with digital display, heat and domestic water temperature control, freeze protection, circulator exercise function and outdoor temperature reset capability
- Dependable negative pressure gas valve
- Reliable direct spark ignition system
- Quiet, electronic variable speed blower
- Oversized stainless steel and copper brazed plate domestic hot water heat exchanger with electronic flow switch (combi and micro storage boilers)
- Built-in 3 speed circulator with automatic air vent
- Built-in expansion tank
- Internal low water safety switch
- Simple push button conversion to LP gas
- Convenient piping kit with isolation valves
- Service friendly design provides quick, easy access to all internal components
- Warranty; 2 year on parts and 10 years on the stainless steel heat exchanger



## Pensotti LLC

34 Coffin Ave  
PO Box 3358  
Brewer, ME 04412  
Tel: (207) 942-3636  
Fax: (207) 942-3737