

Form # 2-04

**DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK  
CITY OF PORTLAND**

Please Read  
Application And  
Notes, If Any,  
Attached

**BUILDING PERMIT**

Permit Number: 101403

This is to certify that Klein Christian M/W  
has permission to Install 47 sq. ft. self contained  
AT 14 Oakley St CR 168 P019001

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

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise finished-in. 24 HOURS NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

**OTHER REQUIRED APPROVALS**

Fire Dept. \_\_\_\_\_  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

  
Director, Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**PERMIT ISSUED**

NOV 30 2020

City of Portland

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

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

Permit No: 10-1403	Issue Date:	CRI: 168 F019001
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Location of Construction: 14 Oakley St	Owner Name: Klein Christian M	Owner Address: 14 Oakley St	Phone: 207-831-4409
Business Name:	Contractor Name: n/a	Contractor Address: Portland	Phone:
Licensor/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-5

Past Use: Single Family	Proposed Use: Single Family / Install 47 sq. ft. self contained hot tub.	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 4
FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>		INSPECTION: Use Group: <i>Pe-1 / Sp</i> Type: <i>U</i> <i>IRC, 2003</i>		

Proposed Project Description:  
Install 47 sq. ft. self contained hot tub. in back patio

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action:  Approved  Approved w/Conditions  Denied

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Taken By: ES	Date Applied For: 11/10/2010	<b>Zoning Approval</b>
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>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.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p><i>OK w/cond chair</i></p> <p>Date: <i>11/12/10 ASB</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p><i>ASB</i></p> <p>Date: _____</p>
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**PERMIT ISSUED**

NOV 30 2010

City of Portland

**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 \_\_\_\_\_

**City of Portland, Maine - Building or Use Permit Application**  
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 10-1403	Issue Date:	CBL: 168 F019001
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Location of Construction: 14 Oakley St	Owner Name: Klein Christian M	Owner Address: 14 Oakley St	Phone: 207-831-4409
Business Name:	Contractor Name: n/a	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-5

Past Use: Single Family	Proposed Use: Single Family / Install 47 sq. ft. self contained hot tub.	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 4
		FIRE DEPT: N/A <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Pool / Spa Type: V Signature: <i>[Signature]</i>	

Proposed Project Description: Install 47 sq. ft. self contained hot tub. on brick patio	Signature:	Signature:
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: EG	Date Applied For: 11/10/2010	<b>Zoning Approval</b>	
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 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.	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>11/10/10 ASU</i>	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 District 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: <i>ASU</i>
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**PERMIT ISSUED**

NOV 30 2010

City of Portland

**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

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

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

Permit No: 10-1403	Date Applied For: 11/10/2010	CBL: 168 F019001
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Location of Construction: 14 Oakley St	Owner Name: Klein Christian M	Owner Address: 14 Oakley St	Phone: 207-831-4409
Business Name:	Contractor Name: n/a	Contractor Address: Portland	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: Alterations - Dwellings	

Proposed Use: Single Family / Install 47 sq. ft. self contained hot tub.	Proposed Project Description: Install 47 sq. ft. self contained hot tub.
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Ann Machado	Approval Date: 11/12/2010
Note: Hot tub is going on existing brick patio.			Ok to Issue: <input checked="" type="checkbox"/>
1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
Dept: Building	Status: Approved with Conditions	Reviewer: Jonathan Rioux	Approval Date: 11/30/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) As discussed, submit documentation stating that the hot tub safety cover complies with ASTM F 1346, as listed in Section AG107.			
2) Pool and barrier installation shall meet the code requirements in Appendix G of the IRC 2003.			
3) Separate permits are required for any electrical installation.			

PERMIT ISSUED

NOV 30 2010

## **BUILDING PERMIT INSPECTION PROCEDURES**

**Please call 874-8703 or 874-8693 (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 Inspection 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 with construction.**

  X   **Verify patio/ hot tub location; final inspection required at completion of work.**

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

**PERMIT ISSUED**

NOV 30 2010

City of Portland



# CITY OF PORTLAND, MAINE

Department of Building Inspections

## Original Receipt

No. 10 2010

Received from Charles Klein

Location of Work 1400 1/2 St

Cost of Construction \$ \_\_\_\_\_ Building Fee: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_ Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

Total: 60.00

Building (I1)  Plumbing (I5) \_\_\_\_\_ Electrical (I2) \_\_\_\_\_ Site Plan (U2) \_\_\_\_\_

Other \_\_\_\_\_

CBL: 168 F019

Check #: 1000 Total Collected \$ 60.00

**No work is to be started until permit issued.  
Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy  
YELLOW - Office Copy  
PINK - Permit Copy



# General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>14 OAKLEY ST.</u>		
Total Square Footage of Proposed Structure/Area <u>47 sq ft</u>	Square Footage of Lot	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# <u>168</u> Block# <u>F</u> Lot# <u>019</u>	Applicant *must be owner* Lessee or Buyer* Name <u>CHRISTIAN KLEIN</u> Address <u>14 OAKLEY ST.</u> City, State & Zip <u>PORTLAND, ME 04103</u>	Telephone: <u>207-831-4409</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>4,000.00</u> C of O Fee: \$ _____ Total Fee: \$ <u>60.00</u>
Current legal use (i.e. single family) <u>SINGLE FAMILY</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>HOT TUB INSTALL 47 SQ FT SELF CONTAINED</u>		
Contractor's name: <u>N/A</u>		
Address: _____		
City, State & Zip: _____		Telephone: _____
Who should we contact when the permit is ready: _____		Telephone: <u>NOV 10 2010</u>
Mailing address: _____		

**RECEIVED**

Dept. of Building Inspections  
City of Portland Maine

Please submit all of the information outlined on the applicable Checklist. **City of Portland Maine** do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planner may request additional information prior to the issuance of a permit. For further info this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov) Division office, room 315 City Hall or call 874-8703.

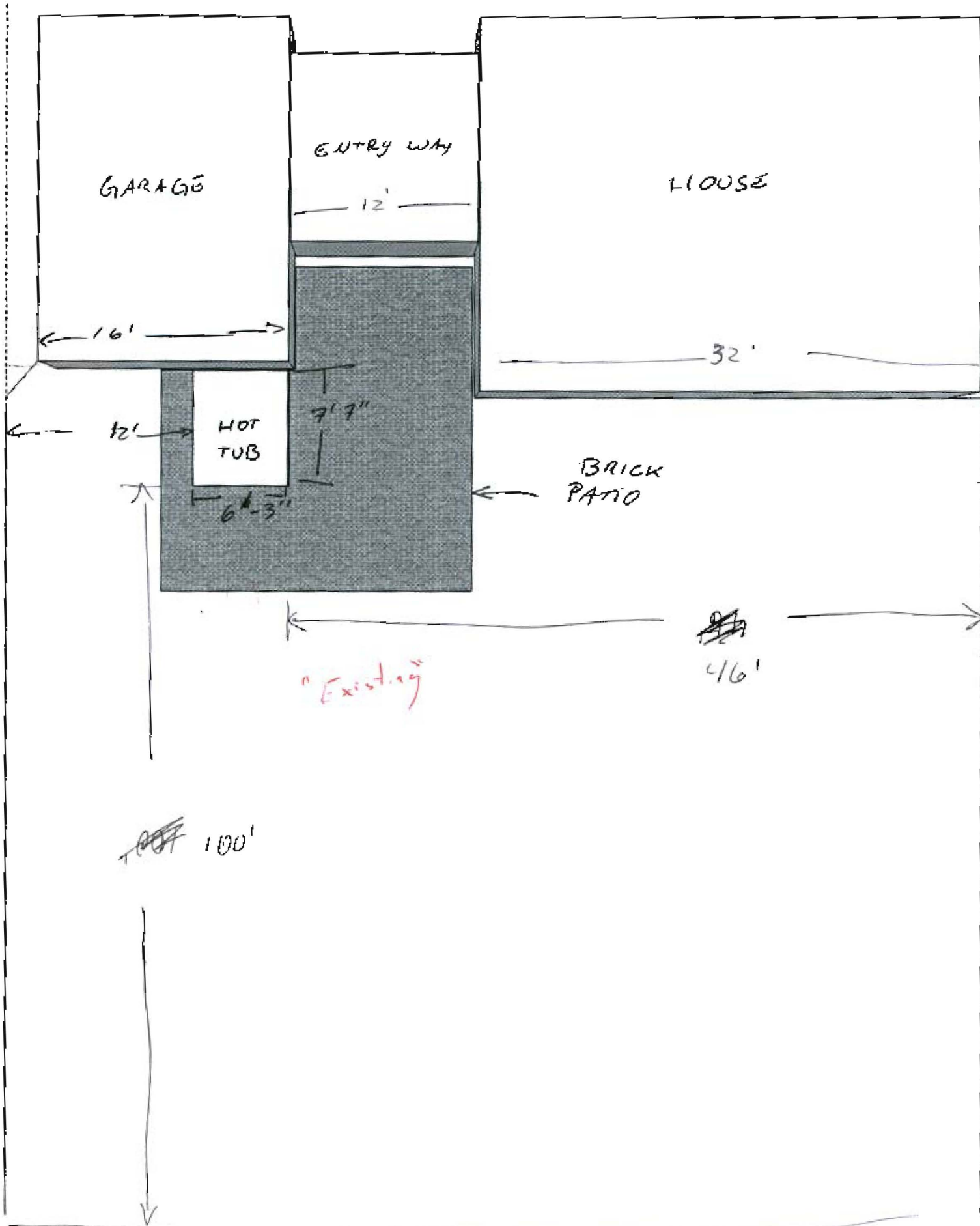
I hereby certify that I am the Owner of record of the named property, or that the owner of record that I have been authorized by the owner to make this application as his/her authorized agent under the laws of this jurisdiction. In addition, if a permit for work described in this application is issued, the authorized representative shall have the authority to enter all areas covered by this permit at all times in accordance with the provisions of the codes applicable to this permit.

Signature: [Signature] Date: 10/26/10

This is not a permit; you may not commence ANY work until

Need Permit by 15<sup>th</sup> of November. Please

ck





Electrical Tasks After Spa Delivery, Continued

Installing a 3-Wire 240 VAC Connection for 880 Altamar, Cameo, Capri, Majesta, **Marin**, Maxxus, Optima Models, 780 Camden, Certa, Chelsee, Hamilton Models, and 680 Burlington, Hartford and Hawthorne Models

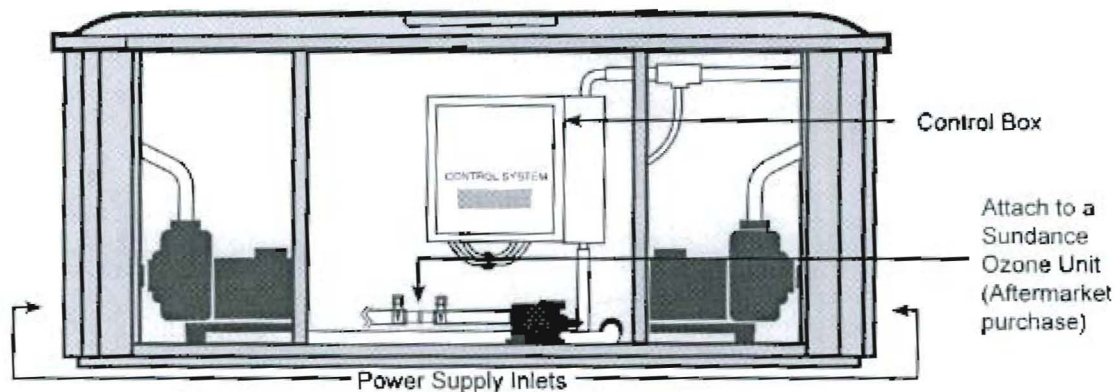
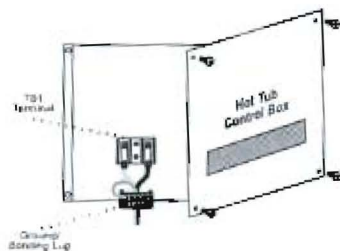


Figure 3: Spa equipment compartment (spa features subject to change without notice)

Figure 4:  
Control Box



Note: TB1 terminal location will vary between models. 3-wire/240 VAC connection illustrated

The Control Box for 3-wire, 240 VAC connection

The location of the TB1 terminal may vary

Figure 5A:  
3-Wire/240 VAC Connection  
for 880 Altamar, Cameo, Capri,  
Majesta, **Marin**, Maxxus, Optima,  
Models.

Hard Wired Connections Only.

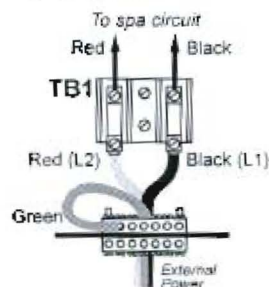
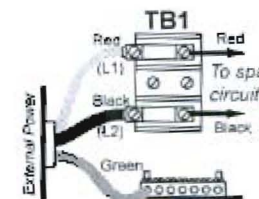


Figure 5B:  
3-Wire/240 VAC Connection  
for 780 Camden, Certa,  
Chelsee, Hamilton, and  
680 Burlington, Hartford,  
Hawthorne Models.

Hard Wired Connections Only



## Spa Dimensions and Specifications

### Useful Details About the Spa

The tables below provide the spa dimensions and specifications that may be helpful when installing your spa. These specifications are approximate.

The filled weight specifications vary depending on the height of the spa's water. The filled weight is the weight of the spa (empty), plus the weight of the water at its maximum potential capacity (filled to the point of overflowing). The filled weight specifications do not include the weight of potential hot tub users who might be inside the hot tub. To ensure proper operation, the spa's water should always be above all the jets, and approximately one inch below all the pillows.

**NOTE** Always measure your spa before making critical design or delivery pathway decisions.

**NOTE** These specifications are subject to change without notice and are for reference only.

880 Series					
Model	Width	Length	Depth	Filled Weight	Min. Pad Size
Altamar	81 in. (206 cm)	86 in. (218.5 cm)	37.5 in. (95.5 cm)	4618 lb. (2095 kg)	4 in. (102 mm)
Cameo	89 in. (226 cm)	89 in. (226 cm)	37.5 in. (95.5 cm)	4691 lb. (2128 kg)	
Capri	69 in. (175.5 cm)	82 in. (208.5 cm)	30.5 in. (77.5 cm)	3215 lb. (1458 kg)	
Majesta	81 in. (206 cm)	86 in. (218.5 cm)	37.5 in. (95.5 cm)	4331 lb. (1965 kg)	
Marin	75 in. (190.5 cm)	91 in. (231 cm)	33 in. (84 cm)	4178 lb. (1895 kg)	
Maxxus	90 in. (229 cm)	110 in. (279.5 cm)	41.5 in. (105.5 cm)	6708 lb. (3043 kg)	
Optima	89 in. (226 cm)	89 in. (226 cm)	37.5 in. (95.5 cm)	5361 lb. (2432 kg)	



**Important:** When installed in the United States, the electrical wiring of this spa must meet the requirements of the National Electric Code (NEC) and any applicable state or local codes. The electrical circuit must be installed by an electrical contractor AND approved by a local building/electrical inspector.

## Power Configurations for 880 Altamar, Cameo, Majesta, Marin, and Optima Models (North America, 60Hz)

This section describes the power configuration choices (Standard 50 Amp, Alternate 40 Amp, or Alternate 60 Amp) for Altamar, Cameo, Majesta, Marin, and Optima hot tub models.

### Note

Wire size must meet NEC recommendations and is determined by maximum current draw and length or run.

**Important:** All of the alternative electrical configurations require a qualified technician to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer circuit breakers.

### Config. #1

#### Standard 50A Configuration (factory setting)

- 240 VAC/50A 3-wire configuration (2 hots and ground)
- 50A dual-pole GFCI breaker (hard wired only)
- Maximum electrical current draw of 40A

In this Standard 50A configuration, the heater does not operate while both jets pumps are running.

### Config. #2

#### Alternate 40A Configuration

- (For homes where 240 VAC/50A or 240 VAC/60A power is unavailable).
- 240 VAC/40A 3-wire configuration (2 hots and ground)
  - 40A dual-pole GFCI breaker (hard wired only)
  - Maximum electrical current draw of 28A

If your home electrical service does not have 240V/50A power available, the spa may be connected to a 240V/40A power source after a qualified electrician makes a minor circuit board modification.

In this configuration, the heater yields the same rapid temperature rise as in the 50A configuration, but does not operate while either jets pump are running or when the blower is running.

### Config. #3

#### Alternate 60A Configuration

- 240 VAC/60A 3-wire configuration (2 hots and ground)
- 60A dual-pole GFCI breaker (hard wired only)
- Maximum electrical current draw

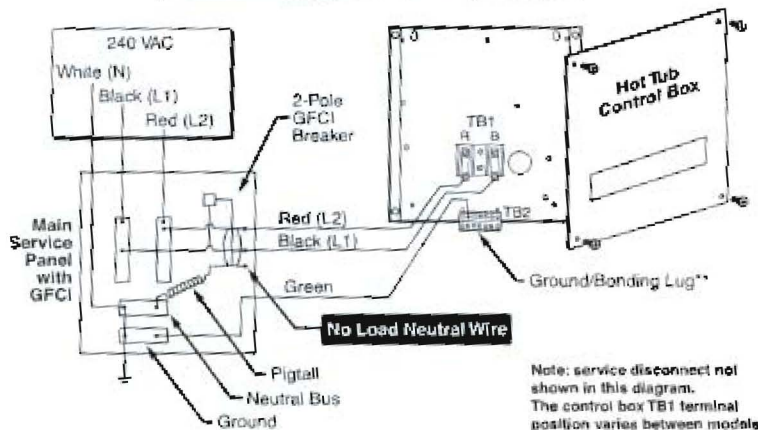
In the Alternate 60A configuration, the heater operates while both jets pumps and the blower are running.

## Connection Configuration #1

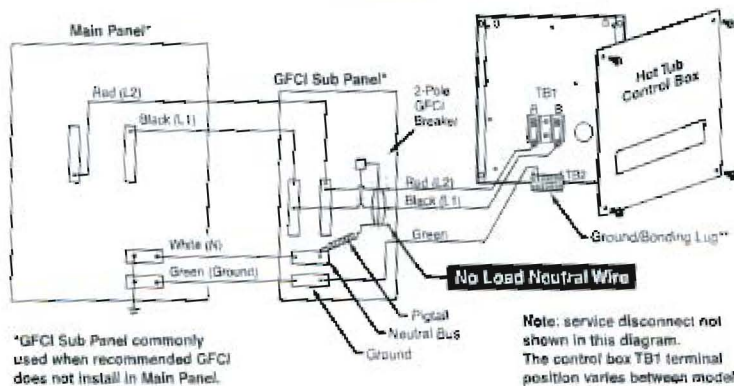
240 VAC Connections for 880 Altamar, Cameo, Capri, Majesta, **Marin**, Optima, Maxxus, 780 Camden, Certa, Chelsea, Hamilton Models, 680 Burlington, Hartford, Hawthorne Models (North America 60 Hz)

A pressure sensitive terminal block (bonding lug) is attached to the outside surface of the load box. This permits the connection of a bonding wire between this point and any metal equipment chassis, metal water pipe, or metal conduit within 5 ft (1.5m) of the spa. The bonding wire must be at least #8 AWG (8.4 mm<sup>2</sup>) solid copper wire.

**2-Pole Circuit Breaker with 2-Wire Grounded Load Connection**  
(3 Wires to Hot Tub, 2-Hot (L1-L2), 1-Ground)



**Main Panel with Secondary GFCI Shut-Off Box Using a 2-Pole GFCI Breaker with 2-Wire Grounded Connection**  
(3 Wires to Hot Tub, 2-Hot (L1-L2), 1-Ground)



corbettej@gmail.com

## Milton's Spas of Maine

438 U.S. Rt 1  
Yarmouth, Maine 04096

Tel. (207) 846-0720  
Fax (207) 846-0721

Date 10/27/10

Name Klein

Address \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_

### RECEIPT

QTY.	DESCRIPTION	AMOUNT
	Sundance Marin	
	Safety Cover	
	16'3" x 7'7"	
	500# snowload	
	4 Locking Buckets	

Signature \_\_\_\_\_  
Home Owner

Signature \_\_\_\_\_  
Milton's Spas of Maine