

THE UNIVERSITY OF BRITISH COLUMBIA

Campus and Community Planning

1-Step Residential Heat Pump Permit Application Form

This application form is <u>only</u> for residential heat pump projects that comply with the requirements outlined in Part 6 on page 2. If your project does not meet these requirements or involves other tenant improvements you must apply for a Development Permit prior to applying for a Building Permit. Only one unit address per application.

Please submit completed Application Form to Development Services of Campus and Community Planning via <a href="mailto:emailto:

	Torriti Tojooto Can	,-		
Part 1: Locat	ion of Work			
Address:				
Building/Compl	ex Name:			
Building Number	er:			
Occupancy Type: Duplex/Townhouse Multi-Family Apartment				
Is there a strata for this property?				
Part 2: Contra	actor/Authorize	ed Agent Informati	on	
Applicant Name) :			
Business Name	e:			
Trades Qualific	ation #:			
Mailing Address	S:		1	
City:				Postal Code:
Email:				Phone:
Part 3: Owne	r Information			
Applicant Name	9:			
Mailing Address	5:			
City:				Postal Code:
Email:				Phone:
Part 4: Install				
Make and Mode	* *			
Location(s) of u				
Number of head	ds:		Condenser d	BA:
Part 5: Permi	t Fee Refer to Pa	rt 9: Building Permit F	ee Schedule	
Permit Fee:		Aı	mount Enclosed	d:
Payment by:	☐ Cheque*	* *		rable to "University of British Columbia".
☐ Credit Card** **Credit card payments must be made in person and are not taken over the phone. **Application fee is non-refundable.**				
			USE ONLY	_
BP#	D 1 (D ::	Reviewed		Date:
■ Approved –	 Ready for Build 	ling Permit Issuance	e 🔝 🗀 Denie	ed – Requires a Development Perm



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Part 6: 1-Step Residential Heat Pump Permit Qualifications
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The following qualifications must be met in order for an expedited residential heat pump permit to be issued. Please complete the following questionnaire to make sure you qualify:

		Yes	No
1.	Condenser Units must be installed on the ground or balcony. a. If the unit is being installed on a balcony the top portion of the heat pump is at least 1.07 metres away from the guardrail top or position to impede climbing. Dimensioned elevation drawing must be provided.		
2.	All units are electric based and variable speed.		
3.	Condenser Units installed on rubber feet or dampeners		
4.	Condenser Unit is not wall-mounted and does not penetrate through any horizontal surface or additional suites.		
5.	Condenser Unit's condensation outlet does not drain onto any paths of travel		

In accordance with the <u>UNA's Noise Bylaw</u>, continuous sound when received at the point of reception is not permitted to exceed the following limits:

- Daytime 55 dBA's between the hours of 7:00 AM to 10:00 PM during the weekdays and 10:00 AM to 10:00 PM on weekends and holidays; and
- Nighttime 45 dBA's between the hours of 10:00 PM to 7:00 AM.

In order to comply with the UNA Noise Bylaws limits and minimize noise disruption to neighbouring residents, it is recommended to have a heat pump system specified with sound rating not more than 60 dBA, with the condenser unit of the heat pump system located:

- away from neighbouring properties as much as possible,
- away from neighbouring building's windows or door openings,
- at the rear of the property (preferably); and
- facing barriers taller than the unit (i.e. solid fencing).

Appropriately locating the condenser unit of the heat pump system will provide reduction in the noise to impacted neighbouring residents. If it is determined that the heat pump system exceeds the above limits, the property owner may be required to provide sound reduction measures including, but not limited to, acoustic treatment or acoustic barriers.

Part 7: Submittal Requirements			
1.	Sketch (CAD Drafted preferred) of the floor plan with outdoor condensing unit(s) and indoor evaporator unit(s) location clearly identified.		
2.	2. Photos of exterior showing the proposed location of the unit(s) and piping routing and concealment methods.		
3.	Engineered Penetration Detail		
4.	Drainage details. A separate plumbing permit will be required for connections to existing sanitary drainage.		
5.	Heat pump cutsheets which include the following information: a. Overall unit dimensions for outdoor condensing unit(s) and indoor evaporator units(s). b. Power information – voltage, phase, frequency (Hz), and Maximum Overcurrent Protection (Amps) c. Outdoor condensing unit radiated noise information and dba level		
6.	Copy of Refrigeration contractor License Certificate and Certificate of Liability Insurance.		
7.	Strata Council Approval Letter		

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Part 8: Signatures

This must be completed by the Contractor and the owner identified in Part II and Part III.

I HEREBY AGREE THAT I WILL COMPLY WITH ALL RULES, BYLAWS, REGULATIONS AND POLICIES OF THE UNIVERSITY OF BRITISH COLUMBIA AND ALL OTHER STATUTES, RULES, BYLAWS, POLICIES AND REGULATIONS OF OTHER AUTHORITIES IN FORCE AT THE UNIVERSITY OF BRITISH COLUMBIA RELATING TO THE WORK, UNDERTAKING OR PERMISSION IN RESPECT OF WHICH THIS APPLICATION IS MADE AND THAT I WILL INDEMNIFY AND SAVE HARMLESS THE UNIVERSITY OF BRITISH COLUMBIA, ITS OFFICIALS, EMPLOYEES AND AGENTS FROM ALL CLAIMS, LIABILITIES, JUDGEMENTS, COSTS OR EXPENSES OF EVERY KIND, INCLUDING NEGLIGENCE, IN RESPECT OF ANYTHING DONE OR NOT DONE IN CONSEQUENCE OF ANY PERMISSION, PERMIT OR LICENSE ISSUED AS A RESULT OF THE APPLICATION OR THE FAILURE TO OBSERVE COMPLETELY ALL STATUTES, RULES, BYLAWS, POLICIES AND REGULATIONS RELATING TO ANY WORK OR UNDERTAKING IN RESPECT OF WHICH THIS APPLICATION IS MADE.

LITTLE LICENCED CONTRACTOR IDENTIFIED ADOVE IN DART II. AFFIRM LINDER DENALTY OF DED HIDY THAT LIAVE DEVIEWED

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AND UNDERSTAND THE REQUIREMENTS OF 1-STEP RESIDENTIAL HEAT PUI REQUIREMENTS. I AFFIRM THAT I AM LICENSED IN THE PROVINCE OF BRITISH FURTHER AFFIRM THAT I AM FAMILIAR WITH THE APPLICABLE REQUIREMENTS ADOPTED AND AMENDED BY THE UNIVERSITY OF BRITISH COLUMBIA AND DOCUMENTS SUBMITTED BY ME WILL BE BASED ON THE CODE REQUIREMENTS	MP PERMIT AND WILL COMPLY WITH THOSE COLUMBIA AND THAT MY LICENSE IS ACTIVE. I ITS OF THE BUILDING STANDARDS CODE AS D THAT ALL SELF-CERTIFICATION REQUIRED
Signature of Licensed Contractor	Date
I, THE PROPERTY OWNER OF THE PROJECT ADDRESS IDENTIFIED ABOV UNDERSTAND AND AGREE TO PARTICIPATE IN THE 1-STEP RESIDENTIAL I UNDERSTAND THAT BY PARTICIPATING IN THIS PROGRAM, I AGREE TO PROVIDI PROGRAM WHEN REQUESTED BY THE UNIVERSITY OF BRITISH COLUMDEPARTMENT.	HEAT PUMP PERMIT PROCESS. I FURTHER E ACCESS TO WORK PERFORMED UNDER THIS
Signature of Owner	Date

Part 9: Building Permit Fee Schedule

Contract Value: The current monetary worth of the work described on the permit application and includes finishes, roofing, electrical, plumbing, drains, heating, air conditioning, fire extinguishing systems, elevators and other equipment or materials, construction management, contractor's profit and overhead, sales taxes (except goods and services taxes), insurance, the current monetary worth of contributed labour and materials and a reasonable value for site works and improvements not included in other permits.

Construction Value: Non-Institutional Development

	Rate	Amount
For the first \$5,000 of contract value or part thereof	\$98.00	
For each \$1,000 of contract value or part thereof from \$5,001 to \$19,999	\$14.00	
For each \$1,000 of contract value or part thereof from \$20,000 to \$49,999	\$8.25	
For each \$1,000 of contract value or part thereof over \$50,000	\$8.40	
	Total	

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