



Heating & Ventilation - Details for Furnace Replacement Application

[Heating & Ventilation - Details for Basement Development Application](#)

Project Address:				
1. Full-house heat loss calculation must be submitted with the permit application.				
2. List all gas-fired appliances that will remain or be newly installed in the dwelling at the time of inspection:				
GAS WATER HEATER		none	remains unchanged	new gas water heater proposed
Vent:	B-Vent	ULC-S636	Input Btu/h:	Output Btu/h:
NEW Make and Model:				
GAS FIREPLACE		none	remains unchanged	new gas fireplace proposed
Vent:	B-Vent	Concentric Flex	Vent diam: "	Combustion air diam: "
			Input Btu/h:	Output Btu/h:
NEW Make and Model:				
GAS CLOTHES DRYER		none	remains unchanged	new gas clothes dryer proposed
Vent:	Rigid	Flex	Vent diam: "	Confirm vent to exterior
GAS COOKTOP/RANGE		none	remains unchanged	new gas cooktop and/or oven proposed
Vent:	None	Direct to exterior	Vent diam: "	
OTHER Specify and provide details at the end of this form.				
GAS FURNACE		1 new forced air furnace proposed		>1 new furnace: provide additional details at end of form.
Vent ULC-S636 diam:		"	Single pipe	2-pipe
Vent termination:		Concentric kit		2-pipe kit
NEW Make and Model:				Heating equipment must be sized to maintain a design temperature of 22°C in finished spaces while covering 100% of heat losses, but not exceeding 130% of heat losses.
CFM heating speed:				
Fresh air intake diam:		"	Input Btu/h:	Output Btu/h:
<p>Note: Inspection begins with a walk around building perimeter to view all exhaust terminations, including flue gas vents, in relation to fresh air and combustion air inlets. Have a tape measure and flashlight available for RVI. Inside, the return air inspection will include evidence of measurement of each opening along the path from the trunk duct to the grille opening, with attention to opening sizing through wall plates.</p> <ul style="list-style-type: none"> Return air capacity must not exceed supply air capacity. No flue gas vents or gas lines may be located in the return air system. 				



	1.	
	1a.	
	2.	
	2a.	
	3.	
	3a.	
4.		
5.		
6.		
Comments:		

3. DEPRESSURIZATION check must show TOTAL exhaust capacity of dwelling does not exceed inlet capacity

Make-up air:	Required	Not required	<i>The following may be useful:</i> CAN/CGSB-51.71-2005 https://www.hrai.ca/worksheets
Determined by:	Calculation	On-site depressurization test	

I hereby declare that:
 I am the **Contractor** **Homeowner** responsible for the premises in which the work will be conducted; I assume responsibility for compliance with all applicable Acts, Codes & Regulations; information provided on and with this form is, to the best of my knowledge, true and complete; new equipment **commissioning reports** will be provided for review at time of Final Inspection; and **depressurization check** calculations or test results will be provided for review at time of Final Inspection.

<i>Type name to sign OR print form and sign</i>	Date:
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The personal information collected on this form is collected under the authority of section 33(c) of the Freedom of Information and Protection of Privacy Act (Alberta). It will be used to process your permit application. Please be advised that your name, address and details related to your permit may be included on reports that are available to the public as required or allowed by legislation. If you have questions or concerns about the collection, use, disclosure or destruction of the personal information collected on this form, please contact Service Advisor, 2nd Floor, Edmonton Tower, 10111 104 Avenue, Edmonton, AB, T5J 0J4, 780-442-5054.