



## Residential Forced Air Heating & Ventilation Details

Permit Number:		Address:	
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The following information must be submitted with the application for a Residential HVAC Permit. This information is not a substitute for Code requirements.

The ventilation system design must meet the requirements of Section 9.32 of the current Alberta Building Code. However, any of the referenced Standards in the Code such as, but not limited to CAN/CSA F326-M91 Residential Mechanical Ventilation Systems or Hydronic Standard CAN/CSA-B214-12 may be used to design the system. The system may also be designed by a professional engineer. Appliances & connections must be covered under a separate gas permit.

<b>Appliance Type</b>			
<input type="checkbox"/> Forced Air	<input type="checkbox"/> Non-Forced Air	<input type="checkbox"/> Natural Draft	
<input type="checkbox"/> No Combustion Appliance	<input type="checkbox"/> Direct Vent (Sealed Combustion)	<input type="checkbox"/> Other (specify)	
<input type="checkbox"/> Mechanically Vented	<input type="checkbox"/> Solid Fuel (including Fireplaces)		

<b>Details</b> For greater than 5 bedrooms, a separate ventilation design by a professional must be provided			
		<b>Heat Loss</b>	
Number of Bedrooms:	_____	Normal Operating Exhaust Capacity (NOEC):	_____
Basement Area:	_____	(as per table 9.32.3.3 of the ABC 2014)	
Mainfloor Area:	_____	BTUH:	_____
Second Floor Area:	_____	BTUH:	_____
Total Heat Loss Calculation Total BTUH:		Maximum Outdoor Airflow:	_____
		(as per table 9.32.3.4 of the ABC 2014)	

<b>Appliance</b> Please include information for all gas appliances in the building including heating, hot water tank, fireplaces, etc.				
	Manufacturer	Model	BTU Input	Airflow (L/sec)
Heating Appliance:				
Hot Water Tank (Gas):				
Hot Water Tank (Electric):				Airflow (L/sec)
Air to Air Exchanger (HRV):				
Gas Fireplace #1:				
Gas Fireplace #2:				
Other #1:				
Other #2:				Airflow (L/sec)
Other #3:				

Heat loss calculations may be asked to be provided