

Niagara HVAC Design

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Mechanical Ventilation Design Summary

Location of Installation	Builder	Installing Contractor	Total Ventilation Capacity 9.32.3.3.(1)					
			Basement & Master Bed.		@21.2 CFM			
			Bedroom		@10.6 CFM			
			Bath & Kitchen		@10.6 CFM			
			Other Rooms		@10.6 CFM			
			TOTAL VENTILATION CAPACITY (TVC)					
Combustion Appliances			Principal Ventilation Capacity					
<ul style="list-style-type: none"> Direct vent (sealed combustion) Only Positive venting induced draft (expect fireplace) Natural Draft, B-Vent or induced draft fireplace Solid fuel (including fireplace) No combustion appliance 			Number of Bedrooms	1	2	3	4	>4
			Vent CFM	31.8	47.7	63.9	79.5	Part 6
Heating System			Principal Exhaust Fan Capacity			Heat Recovery Ventilator		
<ul style="list-style-type: none"> Forced Air Electric Space Heat Non forced Air 			Model:			Model:		
			Location:			High CFM:		
			CFM:			Low CFM:		
			Sones:			Sens. Efficiency:		
			HVI		YES	HVI		YES
House Type			Supplemental Ventilation Capacity					
<ul style="list-style-type: none"> Type I a) or b) appliances only (no solid fuel) Type II (Type I except with solid fuel, including fireplace) Type III (Any type c0 appliance) IV Type I or II with electric space heat 			Total Ventilation Capacity			CFM		
			Less Principal Fan Capacity			CFM		
			Required Supplemental Capacity			CFM		
System Design			Supplemental Fan					
<ul style="list-style-type: none"> Exhaust Only/Forced Air System HRV with exhaust ducts/forced air system HRV simplified connection to forced air system HRV not coupled to forced air system Part 6 Design 			Location	Model	CFM	Sones	HVI	

Designer Certification

I here by certify that this ventilation system has been designed in accordance with the Ontario Building Code and take responsibility for this design.

Curtis Saltzberry, HRAI Cert # 7515
BCIN: # 31364

Date: (dd/mm/yyyy)