



Mechanical Ventilation Checklist

Checklist must be submitted PRIOR to insulation inspection.

Address _____

Completed By _____

Heating System

*Heating system with HRV – use TECA CHECKLIST C;
 Distributed system with heating ducts circulating ventilation air – use TECA CHECKLIST B.*

- Non-distributed** (baseboard, radiant, etc)
- Distributed** (forced air furnace)

Make-up Air

Required if there is an appliance that is subject to back drafting (Naturally Aspirating Fuel Fired Vented Appliance - not direct or power vented but uses interior combustion air), eg:

- Wood Burning Appliance** – such as a Fireplace or Woodstove;
- Mid-Efficient (draft induced) Gas Furnace or Gas Hot Water Tank;**
- Natural Draft Vent (B-Vent) Gas Fireplace;**
- Oil Furnace or Hot Water Tanks with Thermal Buoyancy Chimney; OR,**
- Other** _____

IF NAFFVA IS PRESENT, MAKE UP AIR IS REQUIRED. SEE REVERSE FOR CALCULATIONS.

Exhaust Fans

	Location	CFM	Sones	Duct Size	Duct Termination (ie wall , roof vent, etc)
Kitchen (min 80cfm)					
Bath (min 50cfm)					
Bath (min 50cfm)					
Bath (min 50cfm)					

Principal Fan

Principle (see table)					
---------------------------------	--	--	--	--	--

- Principal Fan Control**
Indicate one of
- Continuously (max 1.0 sones), or**
 - Intermittent Timer (max 1.5 sones)**

*Note:
 if make up air is required (see below),
 then max. 110 cfm principal exhaust
 fan is allowed (9.32.3.3.(2))*

Principal Ventilation Exhaust Fan and Duct Sizes

Bedrooms	Min. CFM	Duct —Smooth	Duct —Flexible
2	45	4"	5"
3	60	5"	6"
4+	75	5"	6"
	Btw 96-147	6"	7"

Mechanical Ventilation Checklist

Crawlspace

Unheated

- Uniformly distributed outside air vents

Heated

- Mechanical ventilation with humidistat
- Passive outdoor air and indoor transfer grill to living area (both sized to Table 9.32.3.8.)

Carbon Monoxide Detector

Carbon Monoxide Detector shall be installed near all bedrooms when there is:

- a fireplace or wood burning appliance; or,
- an attached storage/vehicle garage.

Make Up Air Calculations – Required to be completed if NAFFVA present

*Maximum principal fan rate is 110 CFM when a NAFFVA exists.
Passive air to be introduced into a secondary area or high up a wall.*

Make-up Air For Principal Exhaust Fan

<input checked="" type="checkbox"/>	Max. CFM	Vent Area <small>(sq. ft.)</small>	Min. Diameter
	63	26	6"
	95	39	7"
	110	48	8"

Make up-Air to Protect against Depressurization

Square Footage of Dwelling _____ ft²

Total Interior Volume of Dwelling _____ ft³ (including heated crawlspace)

0.5 ACH = Volume x 0.5 / 60 = _____ CFM *

** If a single exhaust appliance exceeds CFM indicated above (such as a kitchen hood fan), separate **Make-up Air** is required. Table below to be completed.*

Type of Exhaust Appliance	CFM	Less than 126 cfm - passive vent location	Greater than 126 cfm - details of interlocked supply air system (fan) **

***If a supply fan is required, it shall be rated to deliver outdoor air at the rate of the installed exhaust appliance. It shall be interconnected with the exhaust fan for which the make-up air is required. The outdoor air being brought in shall be tempered to at least 1°C when brought in to an unoccupied area, or 12°C before being introduced to an occupied area by passive transfer grille or direct from the outside.*