



**Removed reference to RADON in Make-up Air Requirements**

**6. HRV Fresh Air Distribution** (Choose a or b)

**a) Supply Air from HRV direct connect to Return Air of a Forced Air Heating System:**

- FA system fan and HRV fan continuous operation and
- FA system ducted to supply air to every bedroom and each floor level without a bedroom

**b) Supply Air from HRV distributed independently**

- Ducted to every bedroom and each floor level without a bedroom and
- HRV fan continuous operation

**7. If Heated Crawlspace present,** (Choose one)

- Minimum of one Forced Air System RA grille located in the crawlspace, OR
- No RA grille in crawlspace, choose ventilation Option 1, 2, or 3 per sentence 9.32.3.7 (2)

**MAKE-UP AIR Requirements**

**1. NAFFVA** (Naturally Aspirated Fuel Fired Vented Appliance) **present in dwelling unit?** (per Sentence 9.32.4.1)

- No, Omit Steps 2 & 3
- Yes, Proceed to Step 2

**2. Exhaust Appliance present which exceeds Box C 0.5 ACH:**

- No such appliance. Omit Step 3
- Yes, Commit to Depressurization Test (See CAUTION, TECA Vent Manual pg 24)
- Yes, Proceed to Step 3

**3. Use Active Make-up Air for Exhaust Appliance.** (Choose a or b)

**Make-up Air Fan required:**

Fan Make \_\_\_\_\_ Model \_\_\_\_\_ Exhaust Appliance Actual Installed Cfm \_\_\_\_\_  
 Make-up Air Fan Cfm \_\_\_\_\_  
 Duct diameter \_\_\_\_\_ inches Fan Location \_\_\_\_\_

- Fan interconnected with exhaust appliance fan.** Fan ducted to \_\_\_\_\_

**a) Active Make-up Air delivered to an Unoccupied Area first** (not directly to room containing the appliance).

i) Tempering Required per 9.32.4.1.(4)(a):

Show calculation how make-up air will be tempered to at least 34°F (1°C) before entering unoccupied area.

$$\frac{\text{Make-up Fan cfm} \times 1.08 \times (34^\circ \text{F} - \text{Winter Design Temp your location})}{3412 \text{ BTUH/kw}} = \text{Duct Heater (kw)}$$

ii) Transfer Grill Required: Size 1 sq in of gross area per 2 cfm: Transfer grill size \_\_\_\_\_ sq. in. Location \_\_\_\_\_

iii) Additional Tempering Required per 9.32.4.1.(4)(b) before transfer to occupied area: Show calculation and **describe how make-up air will be further tempered** to at least 54°F (12°C).

$$\frac{\text{Make-up Fan cfm} \times 1.08 \times (54^\circ \text{F} - 34^\circ \text{F})}{3412 \text{ BTUH/kw}} = \text{Heat from unoccupied area required to raise temp by } 20^\circ \text{F}$$

Tempered by: \_\_\_\_\_

**OR b) Active Make-up Air delivered to an Occupied Area: Tempering Required.** Show calculation how make-up air will be tempered to at least 54°F (12°C).

$$\frac{\text{Make-up Fan cfm} \times 1.08 \times (54^\circ \text{F} - \text{Winter Design Temp your location})}{3412 \text{ BTUH/kw}} = \text{Duct Heater (kw)}$$

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**Installer Certification:**

I hereby certify that the design and installation of the ventilation system complies with the 2012 B.C. Building Code, 2014 Section 9.32 Amendment.

Date \_\_\_\_\_  
 Print Name \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Company \_\_\_\_\_  
 Phone \_\_\_\_\_

**2012 TECA Ventilation Certification Stamp**

