

**IMBALANCE @ TVCC (Total Ventilation Capacity Condition)
for systems with more exhaust than supply @ TVCC**

**W-3A
line #**

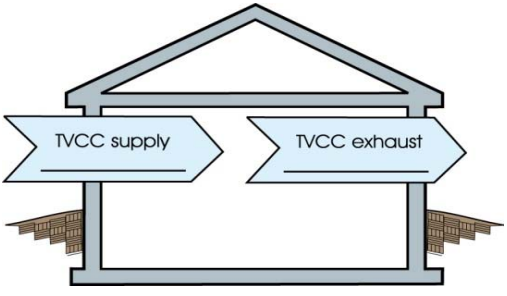
1. FLOOR AREA (total heated floor area including basement; count crawl space at 1/2 actual area)	Total Floor Area _____ ft ²	301
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2. ASSUMED AIR CHANGES PER HOUR AT 50 PASCAL'S Tight R-2000 0.5 ACH Typical R-2000 1.0 ACH Prairies/North (new) 1.0 ACH Atlantic (new) 1.5 ACH Other provinces (new) 1.4 ACH Older homes 2.5 ACH or actual test _____	House ACH50 _____	302
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3. COMBUSTION APPLIANCE DEPRESSURIZATION LIMIT If spillage susceptible, = -5pa. flow factor = 0.022 If non-spillage susceptible, = -10pa flow factor = 0.037	Depressurization Limit @ TVCC _____ pa	303
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Flow Factor _____		304
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4. ALLOWABLE NET EXHAUST Floor Area (301) _____ ft ² x ACH50 (302) _____ x Flow Factor (304) _____ = _____	Allowable Net Exhaust @ TVCC _____ cfm	305
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5. ACTUAL NET EXHAUST			
 <p>The diagram shows a house with a gabled roof. Two blue arrows labeled 'TVCC supply' and 'TVCC exhaust' enter and exit the house respectively. The house is shown in a cross-section view.</p>	TVCC Exhaust _____ cfm	306	
	- minus		
	TVCC Supply _____ cfm	307	
	= equals		
	Actual Net Exhaust @ TVCC _____ cfm	308	
Note: If supply is greater than exhaust, use worksheet #W-3B			

6. REQUIRED MAKE-UP AIR FLOW		
Note: If Actual Net Exhaust is less than Allowable Net Exhaust no action is required.	Actual Net Exhaust @ TVCC (line 308) _____ cfm	
	- minus	
	Allowable Net Exhaust @ TVCC (line 305) _____ cfm	309
	= equals	
	Required Make-Up Airflow @ TVCC _____ cfm	
At Depressurization Limit (line 303) _____ pa		

7. DESCRIPTION OF MAKE-UP AIR SYSTEM	

8. ON-SITE TEST DEPRESSURIZATION TEST	<input type="checkbox"/> Required <input type="checkbox"/> Not Required	310
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Prepared By:	HRAI #:	Job Name:
Signature:	Date:	Job #: Official Use: