Ventilation Checklist: Kitchen Reno only Use page 2 only if conditions on page 2 are met.

Page 1

| occ page = cin | <i>y</i> 00a.c. | one on page a are me | J C. | | | | | | |
|--|--|---|-------------------|--------------------------|---|--|--------------------------------|----------------------------|--|
| Civic Address_ | | | | | | P | ermit No | | |
| | or area of living space | | | (B) | | | | | |
| Т | Volume of Dwelling | | ft^2 | | | e includes all | heated interior ce if heated). | | |
| .5 ACH (air changes/hr) = Vo | | Volume x $0.5 \div 60 = $ | | ft ³ | 11 1 | Exhaust appliances exceeding .5 ACH may require make-up air. | | | |
| | Required | EXHAUST EQUIPMENT | | | | | | | |
| | RATE Table 9.32.3.6 | Spot Exhaust Kitchen WALL/CEILING FANS | | | | | | | |
| ROOM | | Fan Make & Model | | CFM | *Duct Sizing per Table 9.32.3.8.(3) | | | | |
| | | | | @ 0.2 ESP Manf. Rated | Duct Dia rigid | flex | Max. Equiv. Length per table | Installed Equiv. Length | |
| Kitchen | 100 | | | 7 | | | | | |
| Where no manufacture 9.32.4.1.(1), it "disch | rer's rating (fa narges air to the as 1000 cfm w | Committee, TECA Ventilation in curve or performance table) is exterior at an installed rate ould exhaust only approximate | is avai of 60% | lable for the of the | e kitchen e e air or clai | xhaust ap med ratin | | | |
| No such applian Yes, Commit to I Yes, Proceed to S | nce. Omit Step Depressurization Step 3 | ch exceeds Box C 0.5 ACH: 3 on Test (See CAUTION, TECA Exhaust Appliance. | A Vent | : Manual pg | g 24) See | page 2 | | | |
| Make-up Air Fan required: Fan Make | | E | | Exhaust . | t Appliance Actual Installed Cfm Make-up Air Fan Cfm | | | | |
| | ter | | ion _ | | | IVILLIE G | | | |
| Active Make-up Ato at least 54°F (12°C) | Air delivered t | haust appliance fan. Far to an Occupied Area: Tempe x (54° F –°F winter de 3412 BTUH/kw | ring I | - | | lation hov = Duct I | (kw) | will be tempered | |
| I hereby certify that t | he design and | required if also submitting Finstallation of the ventilation sing Code, 2014 Section 9.32 Ar | ystem | , | | | 012 TECA Ve Certification | | |
| Date | | | | | | | | | |
| Print Name | | | | | | | | | |
| Signature | | | | | | | | | |
| Company | | | | | | | | | |
| Phone | | | | | | | | | |
| © TECA, May 2022 | to meet 2018 l | Edition BC Building Code | | | | | | | |

Use this page only if:

- a) the dwelling unit incorporates NAFFVA as defined in Table A-9.32.4.1.(1) -A or -B, and
- b) the authority having jurisdiction has agreed in advance to the acceptability of this alternative method (equivalency) as proof that chimney safety to 9.32.4.1 is maintained.

Rational of Requirement: The safe operation of NAFFVA equipment depends on the thermal buoyancy of its vent products. That safety may be upset by the operation of a powerful (high cfm) kitchen exhaust fan when installed in a small and/or tightly built dwelling unit. This depressurization test will determine if the safe threshold of -5 Pa (-0.02" WC) is exceeded with the fan running.

Test Protocol

| Date of Test Time of Test Address of Dwelling Unit | Depressurization Test for Large Exhaust Fans from the TECA Ventilation Guidelines Manual. This test must be carried out exactely as outline in Steps 1 through 5 below. The repeated measurements in Steps 3 to 5 are required for accuracy when measuring very low pressures with a manometer. Use of the test must be acceptable to the Authority Having Jurisdiction. An Alternative Solution Fee may be charged. Renovator of dwelling unit accepts risk of retrofitting a Make-up Air System if the dwelling fails this test. | | | | | |
|--|--|--|--|--|--|--|
| 1. Close ALL exterior doors, windows, hatches, fire-places. Open all combustion and make-up air ducts. 2. Zero the manometer. 3. Measure pressure with all exhaust equipment off: 4. Measure Pressure with large exhaust appliance on: 5. Measure pressure with all exhaust equipment off: 6. Net pressure with all exhuast equipment off 1. MC 1. | Installer/Tester Certification I hereby certify that this Depressurization Test for Large Exhaust Appliance was performed to TECA's Ventilation Guidelines and the results are correctly recorded here. PRINT Name Company Phone Signature 2012 TECA Certification Stamp | | | | | |
| thermal environmental comfort association website: teca.ca email: office@teca.ca | Note: 2012 TECA stamps may expire at next Code Change. | | | | | |

© TECA, May 2022 to meet 2018 Edition BC Building Code