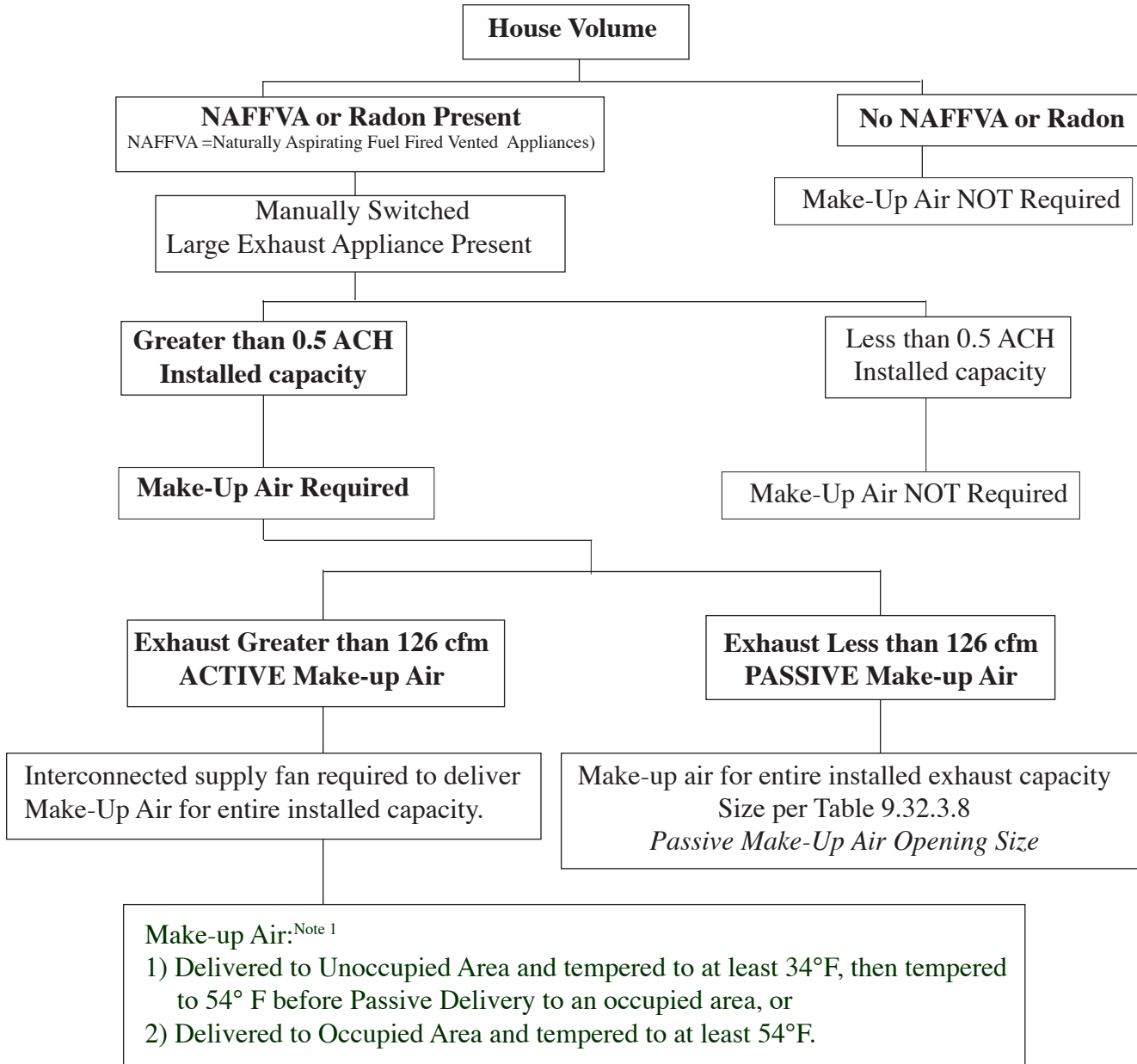


# Make-Up Air For Other Exhaust Appliances

Per Code Section 9.32.4: Additional Protection Against Depressurization\*

## BC Building Code ERRATUM:

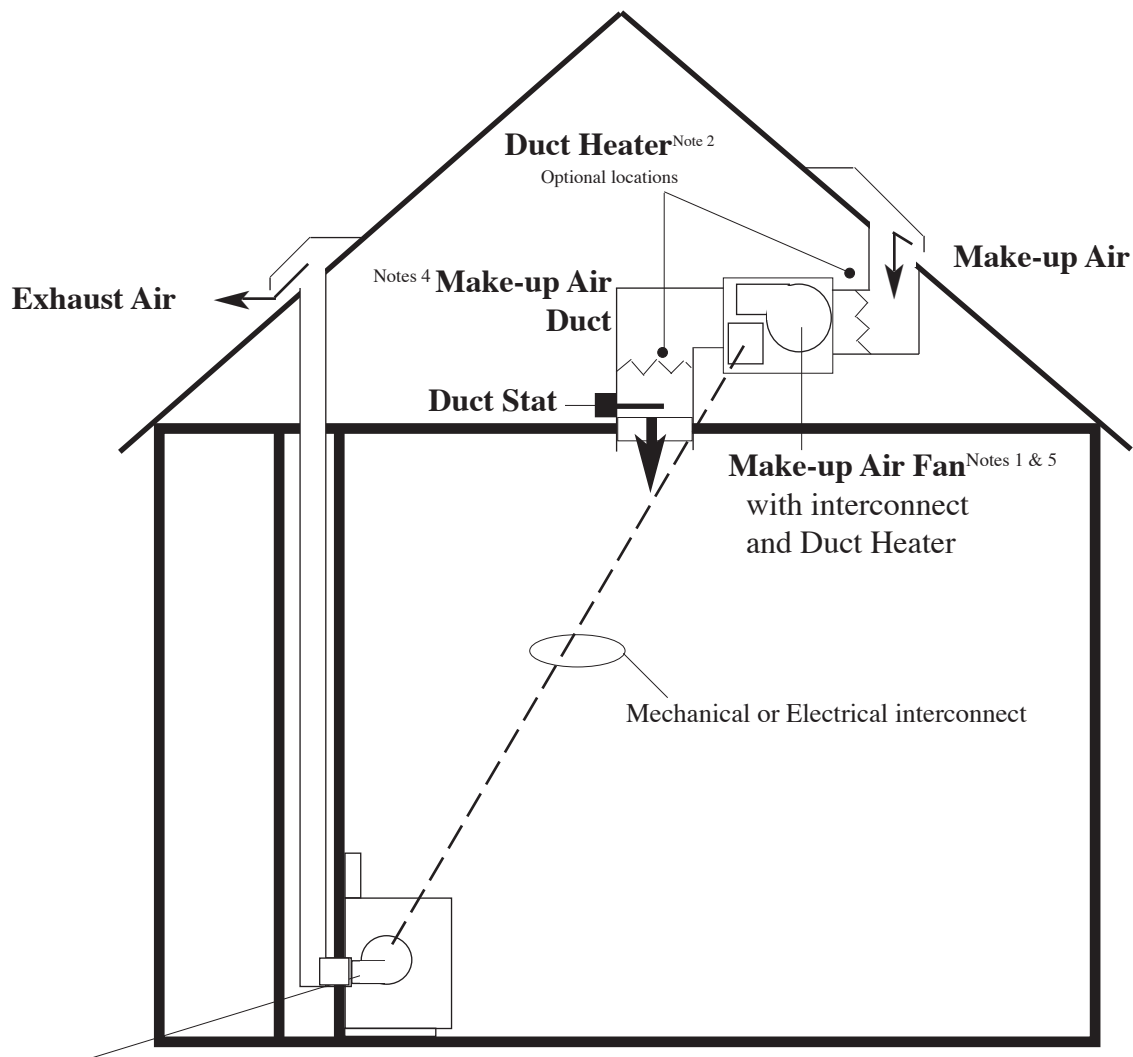
**Section 9.32.4** Sentence 1 refers to a Sentence 8 exception. However, Sentence 8 has been removed from the Code. The Building Policy Branch has informed us the Sec 9.32.4 requirement for make-up air now applies to **solid fuel fired appliances**, formerly exempted from this requirement by Sentence 8.



Note 1: Tempering requirement of this air may in many coastal climate applications unnecessarily increase installation costs with little benefit to the occupants.

**\*9.32.4.2: Carbon Monoxide Alarms.** New requirements for CO detectors in *all* dwellings that contain a fuel burning appliance or a storage garage are also included in this section. Typically electricians will be installing this equipment, but may need contractor input. See Appendix Page 54-A for code wording.

# Example: Active Make-up Air System



**Exhaust Air Fan**<sup>Note 3</sup> with Fan Switch, PD (Pressure Differential) Switch, or Current Sensing Switch

1. Select Make-up Air Fan so when installed it will equal the exhaust appliance's actual installed exhaust rate, per 9.32.4.2.(b). Interconnect with supply fan, per 9.32.4.3.  
See *Appendix: Duct Sizing for Larger Fans* for make-up air system design considerations.
2. Deliver supply make-up air to an unoccupied area of dwelling and temper to required minimum of 34°F with further tempering to 54°F before passive delivery to occupied area, or deliver directly to occupied area and temper to required minimum of 54°F, per 9.32.4.4.(a) & (b).  
See *Appendix: Duct Heater Sizing*
3. Applies to conventional overhead range hoods, down-draft cook tops and any other exhaust appliance (dryer, exhausting vacuum system, etc.) with an installed capacity exceeding 0.5 ACH when make-up air required due to Radon Gas or NAFFVA appliance present).
4. See *Appendix: Duct Sizing for Larger Fans* to size ducts for Make-up Air Fans.
5. Per BCBC Section 2.5 Equivalents, Sentence 2.5.1.2 (1) states: "Any person desirous of providing an equivalent to satisfy one or more of the requirements of this Code shall submit sufficient evidence to demonstrate that the proposed equivalent will provide the level of performance required by this Code." See *Appendix: Depressurization Test for Larger Fans*