

OBC DUCT SIZING - SUPPLEMENTAL FAN DUCT

for design and performance of residential ventilation systems to OBC 2012 - 9.32

1. Design Condition Location: _____ Design Airflow: _____ cfm ESP: _____ " w.c. Note: external static pressure of the fan needs to be in accordance with OBC 9.32.3.9.(3)	2. Equipment Make: _____ Model: _____ Equipment Rated Airflow: _____ cfm @ _____ " w.c.
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3. Supplemental Exhaust Duct Sizing using Table 9.32.3.5
Total Duct Length: _____ (29' max) # of elbows used: _____ (4 max) Min. Required Diameter for Exhaust Duct: _____ Smooth _____ Flex (see Table 9.32.3.5)

4. Diagram

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4. Diagram

OBC Table 9.32.3.5 - For Reference

Supplemental Exhaust Duct Size Table 9.32.3.5		
Fan Capacity, cfm	Ducts Connected to Inlet and Outlet of Exhaust Fan	Ducts Connected to One Side Only of Exhaust Fan
0 - 50	5" (125 mm)	5" (125 mm)
51 - 100	6" (150 mm)	6" (150 mm)

Note:

- 1) The duct shall always be at least as large as recommended by the manufacturer
- 2) If flexible ducting is used, it shall be increased by 1" (25 mm).

Prepared By: _____	HRAI #: _____	Location: _____
Signature: _____	Date: _____	Official Use: _____

