Ventilation Checklist 1—Forced Air Systems Sentence 9.32.3.4(2)

Civic Addres		vnere torced air neating	System	- ducts i					iation an.	
Civic / iddies					1	<u> </u>	i Cilliit i	···_		
Climate Zone: Number of Bedro			S	(11)			A bedroom is a room with an open window (minimum dimensions apply			
		ft²	(B)	closet and a closing interior door.						
	5	ft ³		Total volume includes all heated interior spaces (including crawlspace if heated).						
.5 ACH (air changes/hr) = Volume x $0.5 \div 60$			=	cfm	(C)		Exhaust appliances exceeding 5 ACH may require make-up air.			
1. Principal V	Ventilation	n System Exhaust Fan M	 Iinimuu	n Air-1	low R	ate				
_		from Box (A) and Total sq					and Tabl	e 9.:	32.3.5. to	
determine	com count	from Box (Fr) and Total sq	[dai • 100	50 110	ш Бол	(3) 400 (4			2101010	
Minir	System Capacity				cfm	(I	O)			
2. Principal S	System Fa	n Choice								
a) Exhaust I		Model			Sone Rating					
Capacity Capacity										
Location: _										
If CEV, capacity @0.4ESP										
		Equivalent Length								
a) Installed Equivalent Length: Length of duct ft + Ext. hood 30 ft + (# elbows at 10 ft each =) = ft (F)										
Bengar of date										
b) Choose type of duct: Flex duct \square or Rigid (smooth) duct \square c) Duct size required to flow Box E cfm through Box F equivalent length of duct \square										
Use Table 9.32.3.8 (3) to determine duct size.										
		nd Bathroom Exhaust F		list bo	low if	Dringing	Exhaust	_ Eo:		
-		m spot Exhaust requirem		-1181 00	10W 11	Гинстраг	Extrausi	ı ı aı	ii iiieets aii oi	
	1									
	EXHAUST	Spot Exhaus	st Kitchen & Bath WALL/CEILING FANS						Ex.Fan/CEV	
POOM.	RATE Table	Fan Make & Model	CFM	*Duc	t Sizing	g per Table 9	er Table 9.32.3.8.(3)		Principal	
ROOM	9.32.3.6		@ 0.2 ESP Manf. Rated			Max. Equiv. Length per table	Installed Equiv. Length		System CFM	
								_		

(must = Box E)

TOTAL

Guidelines Appendix page 16-A, Duct Sizing for Larger Fans.

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^{*} For fan capacities **exceeding** 175cfm in Table 9.32.3.8(3), follow manufacturer's installation instructions or use good engineering practice to size duct. See Ventilation