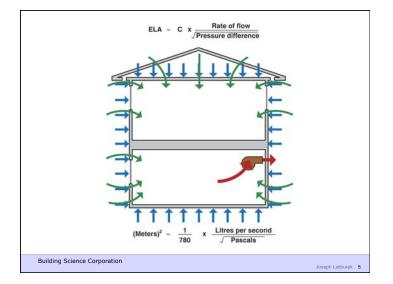


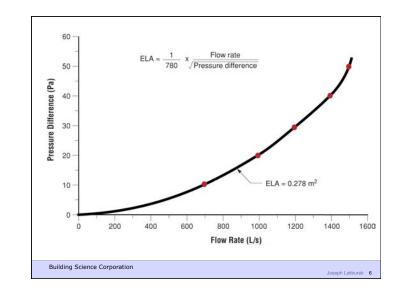
Assembly 0.20 l/(s-m2)@75 Pa Enclosure 2.00 l/(s-m2)@75 Pa



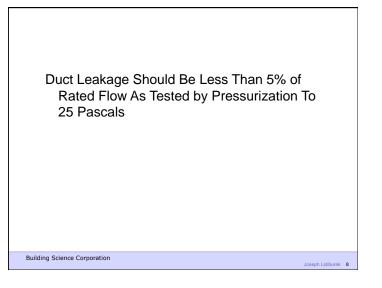
Building Science Corporation

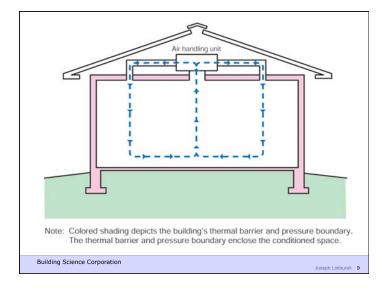
Joseph Lstiburek 3

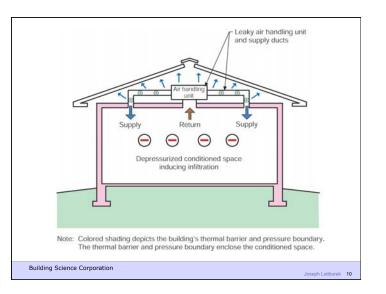


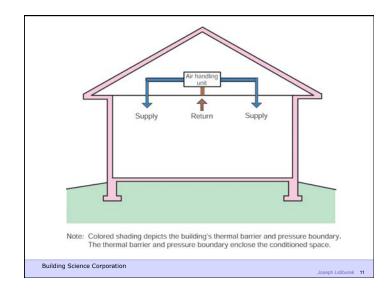


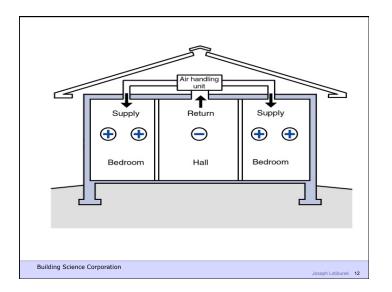


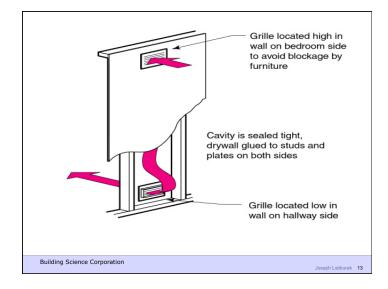


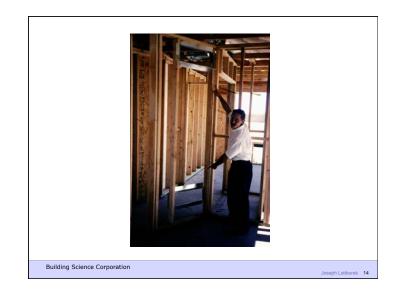




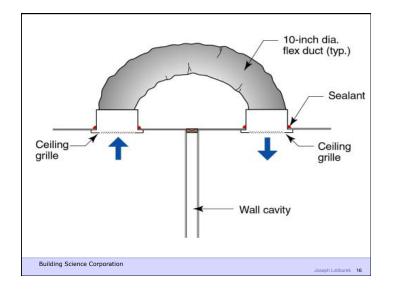


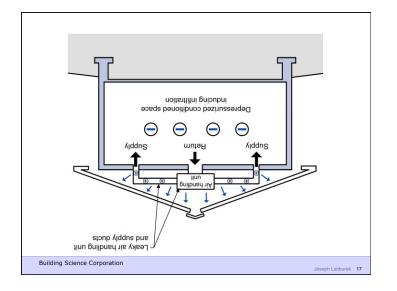


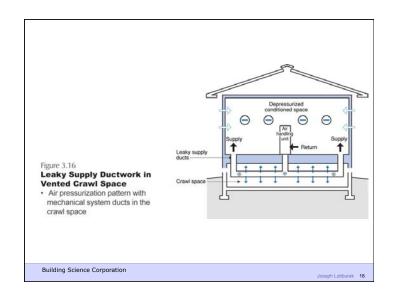




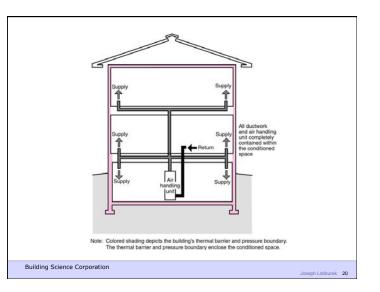






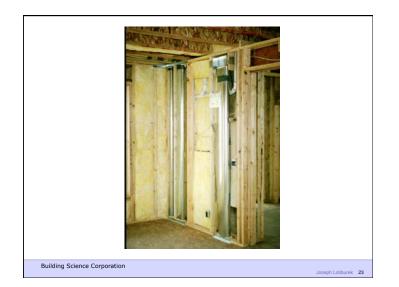


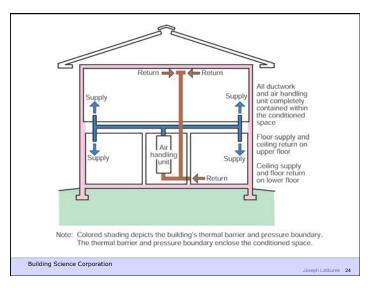


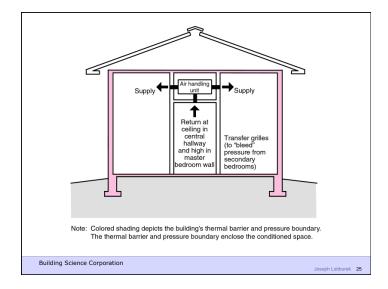


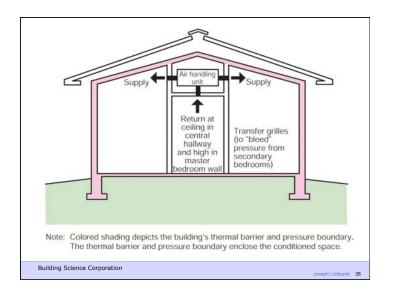








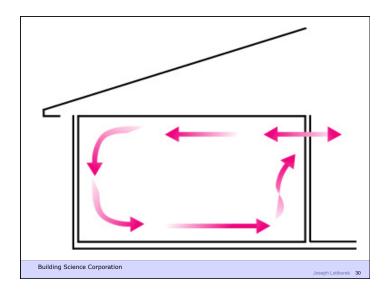














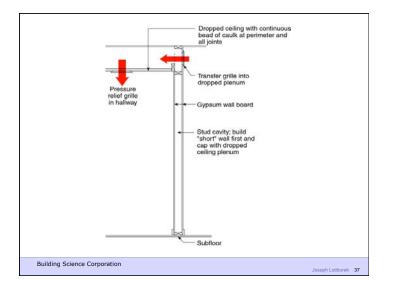






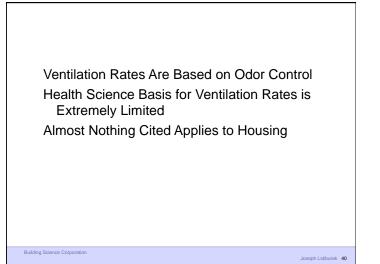




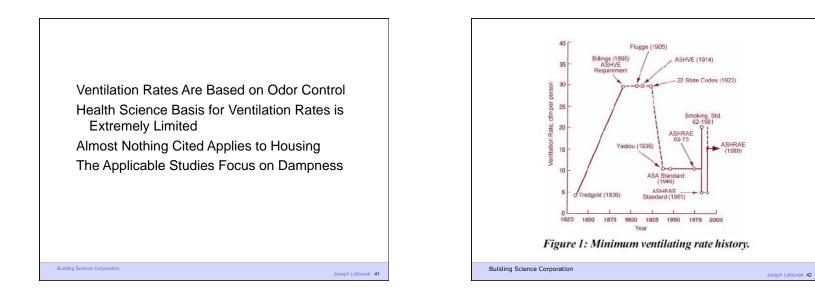




Ventilation Rates Are Based on Odor Control Health Science Basis for Ventilation Rates is Extremely Limited

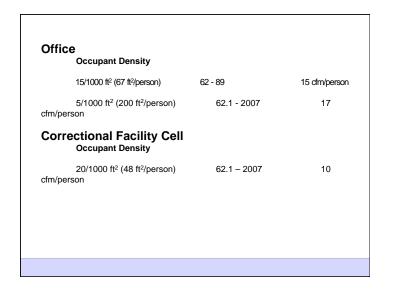


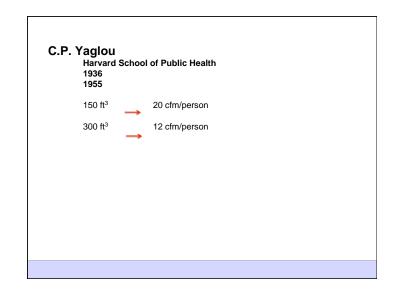
Joseph Lstiburek 39

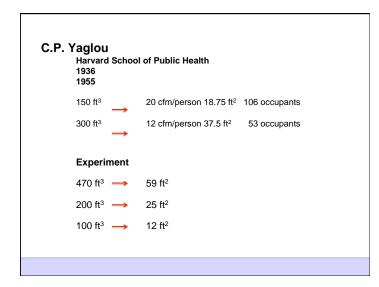


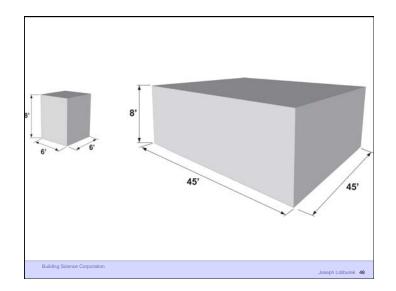
House 2,000 ft ² 3 bedrooms 8 ft. ceiling Volume: 16,000 ft ³		House 2,000 3 bea 8 ft. (Volu
.35 ach 93 cfm .30 ach 80 cfm .25 ach 67 cfm .20 ach 53 cfm .15 ach 40 cfm		.35 ach 9. .30 ach 8. .25 ach 6 .20 ach 5. .15 ach 4
Building Science Corporation	Joseph Lstiburek 43	Building Science Co

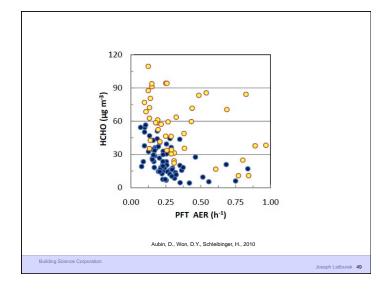
3 8	,000 ft ² bedrooms ft. ceiling folume: 16,000 ft ³					
			Ventilatio	on Rates		
.35 ach	93 cfm	62 - 73	5 cfm/	person	20 cf	m
.30 ach	80 cfm		10 cfm	n/person	40 cf	m
.25 ach	67 cfm	62 - 89	15 cfm/pe	rson	60 cfm	
.20 ach	53 cfm	.35	ach	90 cfm		
.15 ach	40 cfm	62.2 - 2010) 7.5 cfm/pe	erson	50 cfm	
		+ 0	.01			
		62.2 - 2013	3 7.5 cfm/pe	rson	90 cfm	
		+ 0	0.03			

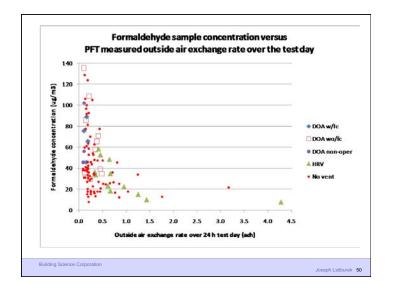




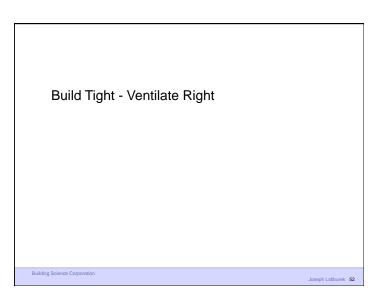


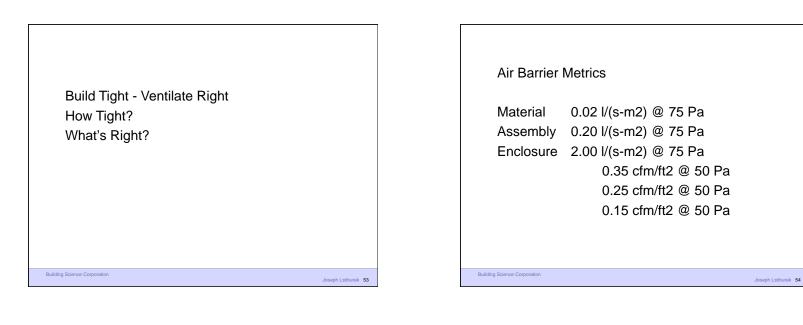


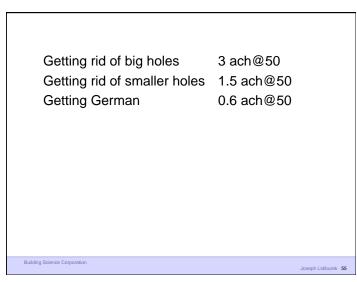


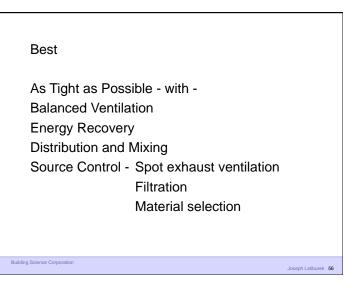


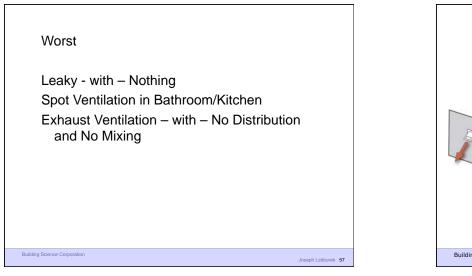
		number of
ACH (II')		measurements
0.27	0.12	77
0.32	0.22	37
4.16	2.64	63
	ACH (h ⁻¹)	deviation (h ⁻¹) 0.27 0.12 0.32 0.22

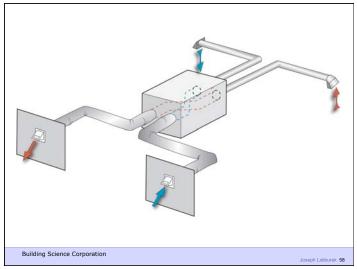


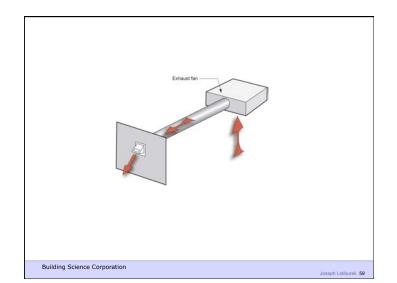


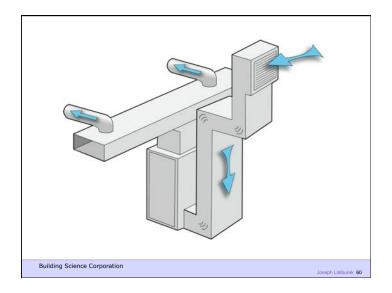


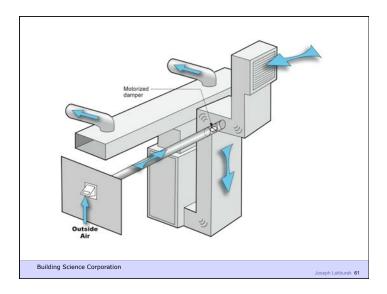


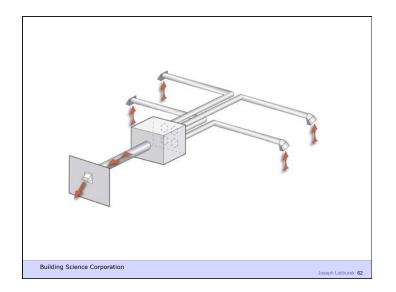




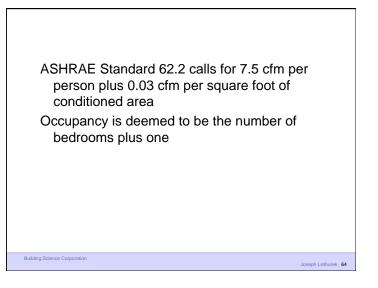


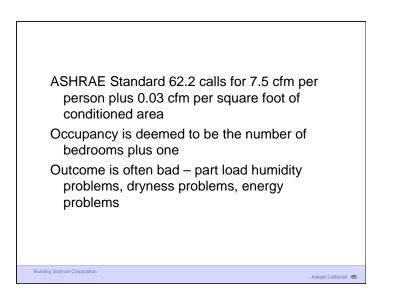


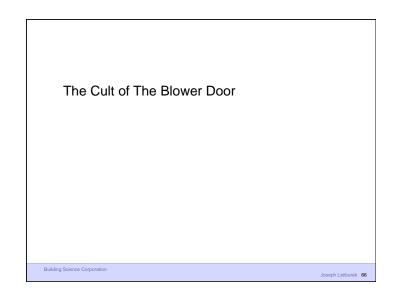




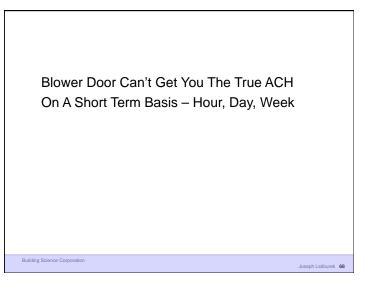
Cost	Exhaust	\$150
	Exhaust + Dist + Mix	\$200
	Supply + Dist + Mix	\$200
	Spot + Ex/Sup + Dist + Mix	\$500
	Balanced/HRV \$1,2	50
Building Science Corporation		
Durung ocience Corporation		Joseph I stiburek 63

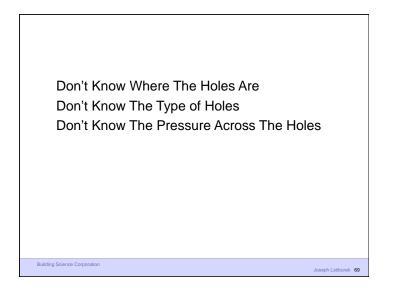


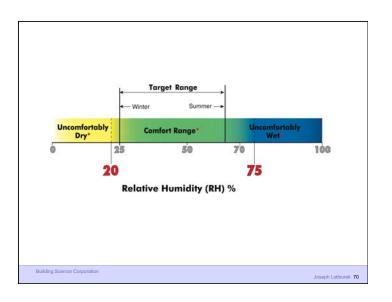




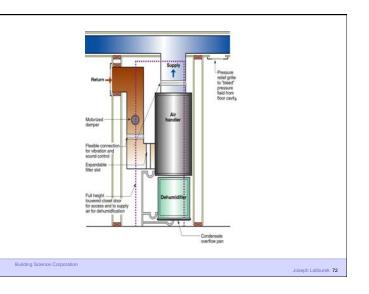




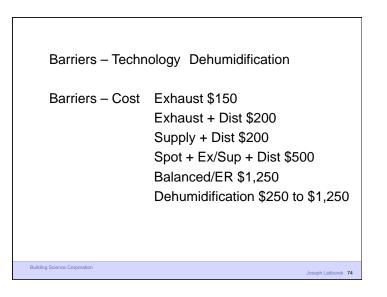




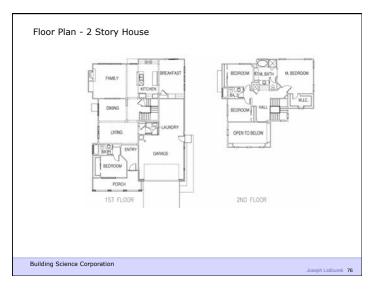
Recommended Range of Relative Humidity Above 25 percent during winter Below 70 percent during summer

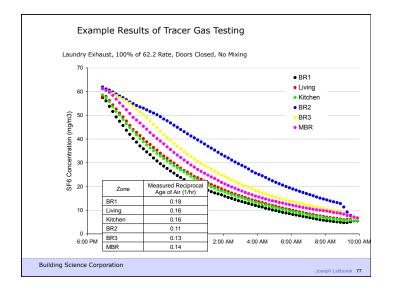


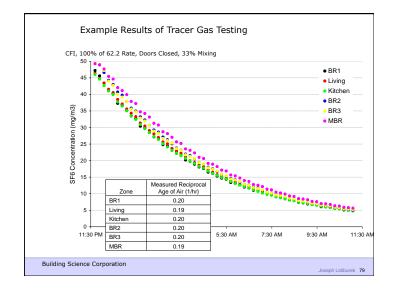


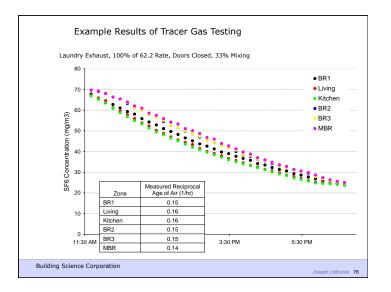


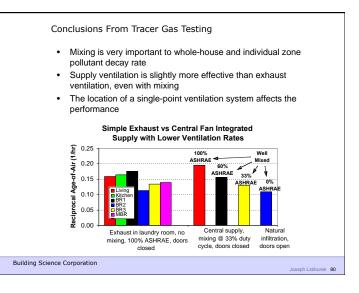


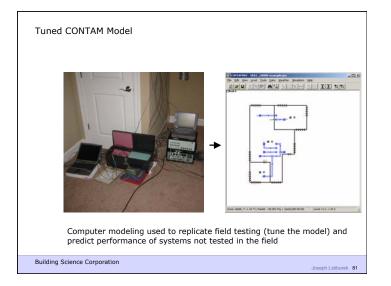


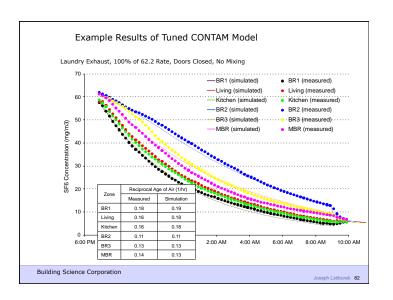


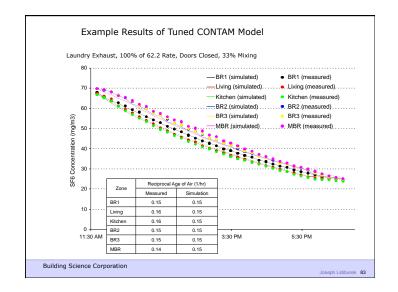


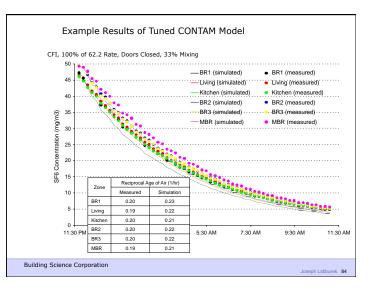


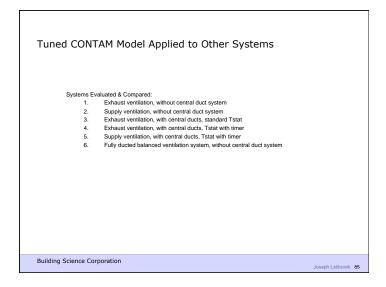


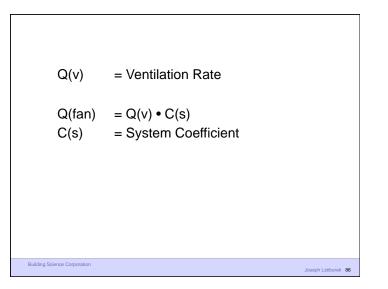


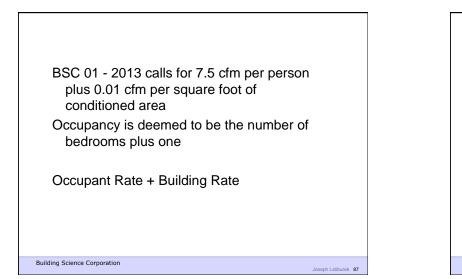




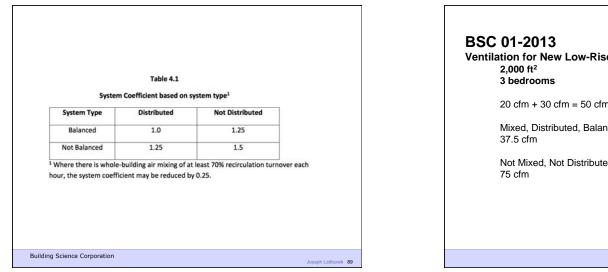


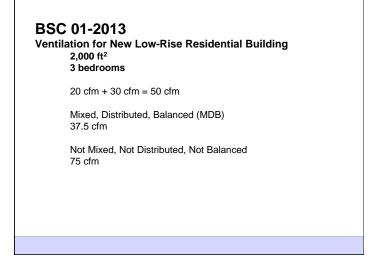




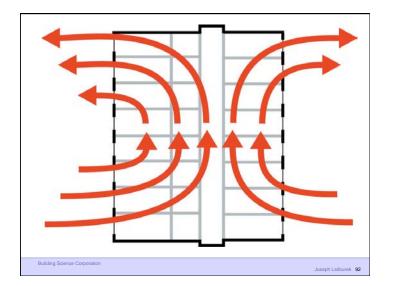


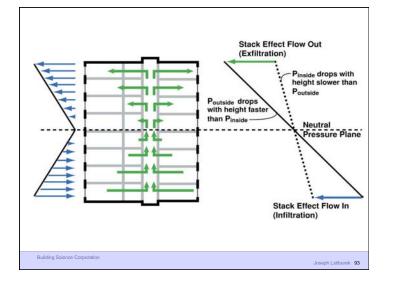
Q(v)	= Fan Flow Rate	
	= Q(v) • C(d) = System Coefficient	
Building Science Corporation	n	Joseph Lstiburek 88

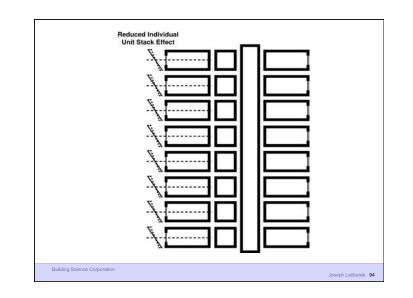


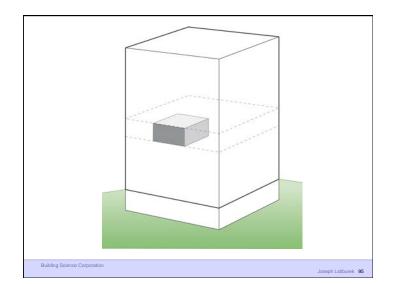


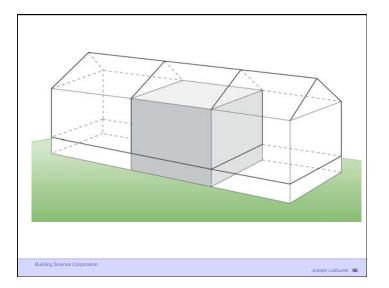
3 8	,000 ft ² bedrooms ft. ceiling olume: 16,000 ft	3		
			Ventilation Rate	s
.35 ach	93 cfm	62 - 73	5 cfm/person	20 cfm
			10 cfm/persor	40 cfm
.30 ach		62 - 89	15 cfm/person	60 cfm
.25 ach	••••••	.3	5 ach 90 cfm	า
		62.2 - 201	0 7.5 cfm/person	50 cfm
.15 ach 40 cfm	40 cim	+	0.01	
		62.2 - 201	3 7.5 cfm/person	90 cfm
		+	0.03	
		BSC 01 - 2	2013 7.5 cfm/perso	n 37 cfm
		+	0.01 (MBD) 75	cfm

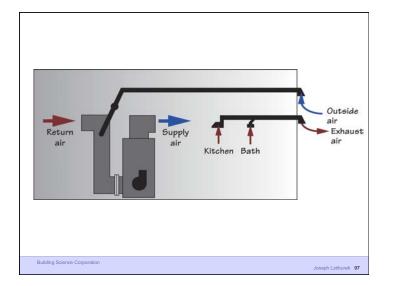


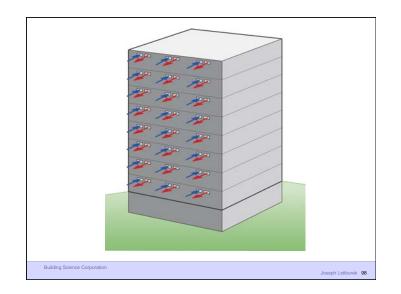


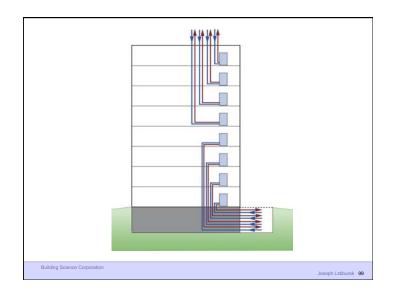


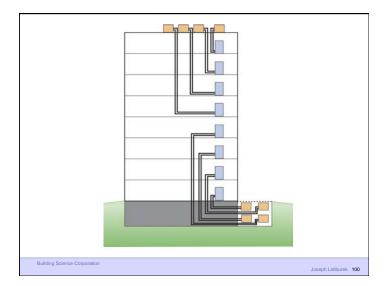


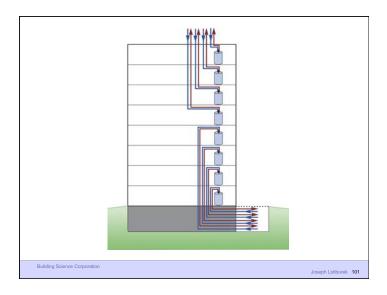
























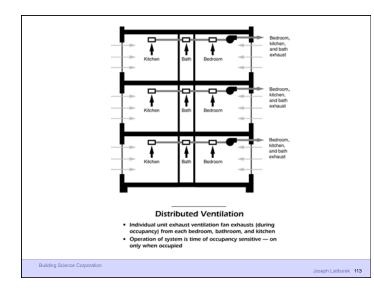








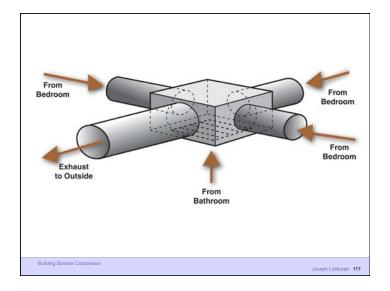




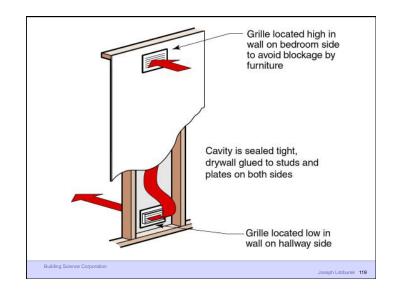






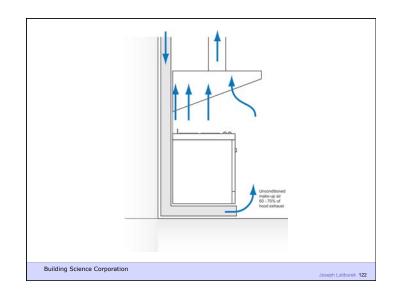


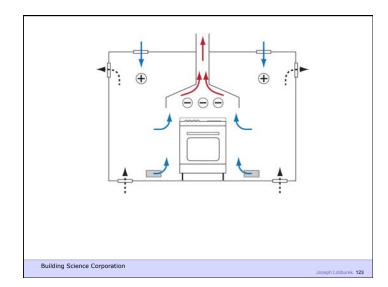


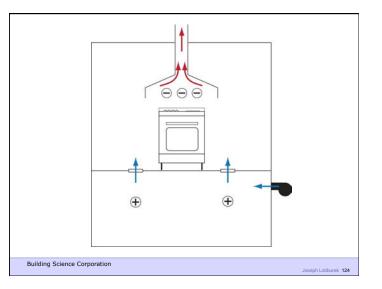




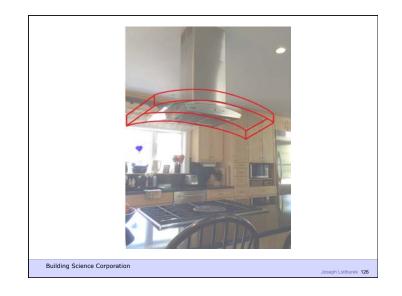


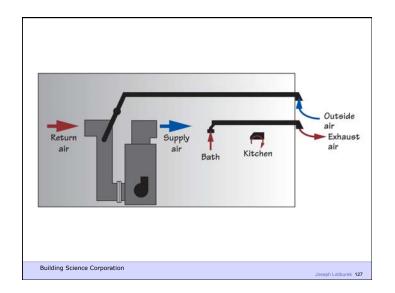


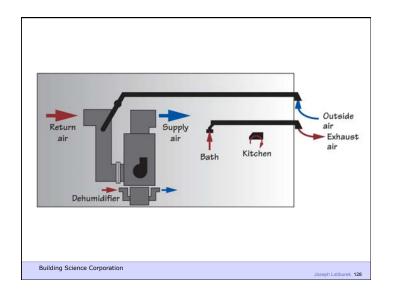


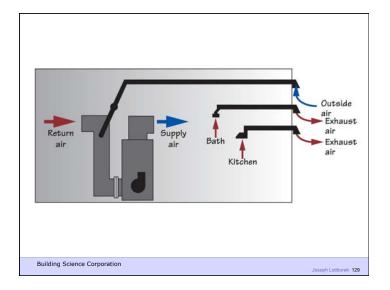


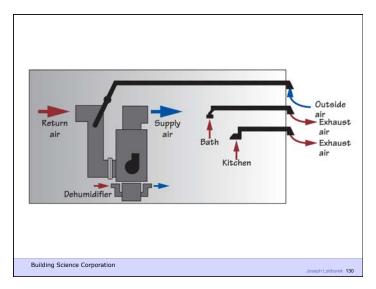


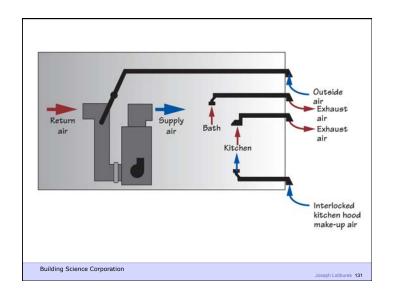


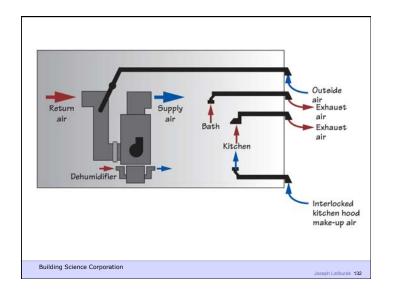


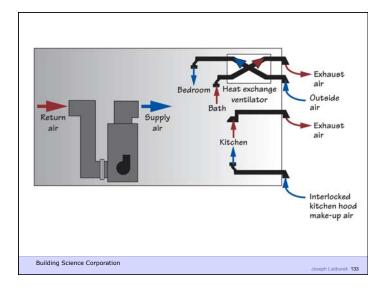


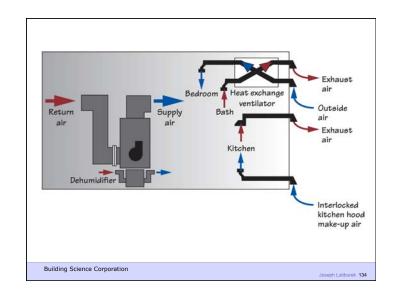


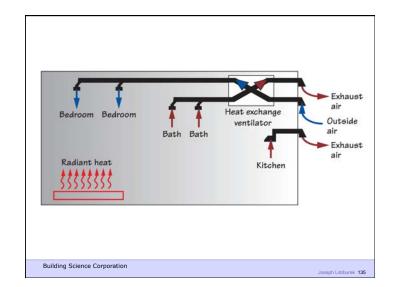


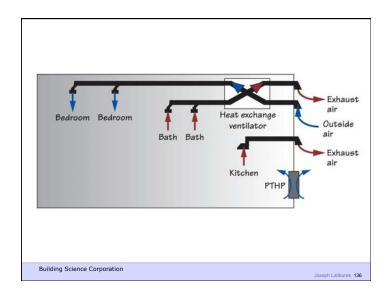


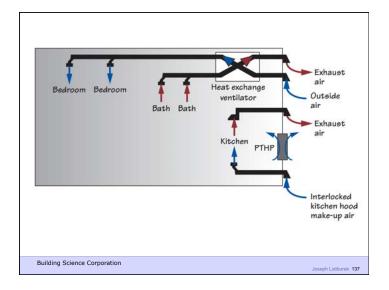


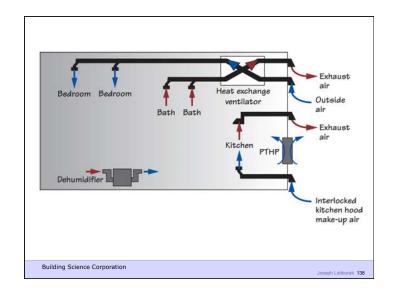














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