

Item	Description	Increased Cost Estimate	Difficulty Level			Comments
			Low	Medium	High	
1.1	Ventilation rate meets requirements of ASHRAE Std. 62.2 2007, Section 4.4					Can use fresh air duct attached to Return* (must be tested). Also, can you continuous or timer-based fan ducted to outside.
1.2	In hot-humid climates, net exhaust flow ≤ 7.5 CFM per 100 sq. ft.					N/A
1.3	In very cold climates, net supply flow ≤ 7.5 CFM per 100 sq. ft.					N/A
2.1	Kitchen: <i>Continuous Rate</i> : ≥ 5 ACH, based on kitchen volume <i>Intermittent Rate</i> : ≥ 100 CFM					
2.2	Bathroom: <i>Continuous Rate</i> : 20 CFM <i>Intermittent Rate</i> : 50 CFM					
2.3	If fans share common exhaust duct, back-draft dampers installed					If sharing duct
2.4	Common exhaust duct not shared by fans in separate dwellings					Multi-Family
2.5	Total net exhaust flow of two largest exhaust fans (excluding summer cooling fans) is ≤ 15 CFM / 100 sq. ft. of occupiable space when at full capacity					
2.6	Clothes dryers exhaust vented directly to outdoors					
3.1	Continuous fans rated at ≤ 1 sone at minimum rated flow rate					
3.2	Intermittent fans rated at ≤ 3 sone, unless maximum rated flow rate ≥ 400 CFM					

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4.1	Continuously-operating ventilation system and mechanical exhaust fans designed to operate without occupant intervention during all occupiable hours					
4.2	Readily accessible override controls provided to occupant for continuously-operating ventilation system and mechanical exhaust fans					What is the intent of this item?
4.3	If present, intermittently-operating ventilation system designed to automatically operate at least one hour out of every twelve					
4.4	Controls labeled, unless function is obvious (e.g. bathroom exhaust fan)					
5.1	Air inlets located ≥ 10 ft. from stack, vent, exhaust hood, or vehicle exhaust and ≥ 3 ft. from dryer exhaust					
5.2	Air inlets unable to be obstructed by snow, plantings or other material					
5.3	air inlets provided with mesh rodent / insect screen with openings ≤ 0.5 in.					
5.4	Ventilation air comes directly from outdoors and not from adjacent dwelling units, garages, unconditioned crawlspaces, or attics					
6.1	Air-handler and return ducts <u>not</u> located within the garage					Design Stage

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6.2	Garage doors adjacent to occupiable spaces gasketed or made airtight					Proper use of Gaskets
7.1	No ventless combustion appliances installed, except for kitchen cooking devices					
7.2	One carbon monoxide detector, certified by CSA 6.19-01 or UL 2034, installed in central location near sleeping areas for homes with combustion appliances or attached garage					
8.1	≥ MERV 8 filter installed in ducted mechanical systems					
8.2	Filter located so that return and ventilation air pass through prior to conditioning					
8.3	Filter accessible for maintenance by owner					
8.4	Filter rack fitted with flexible, air-tight gasketing on the surface that contacts the downstream side of the filter, or equivalent method.					Install a gasket that creates a seal between filter and metal.
8.5	Filter held firmly in place by friction-fit spring clips in the filter rack, installed on the upstream side of the filter, or equivalent method					Should be minor in cost. If not already implemented, could be an argument.

*Outdoor air ducts connected to the return side of an air handler are allowed to be part of a supply ventilation system if manufacturers' requirements for return air temperature are met.