Depressurization Values (-Pascals)

Total CFM of Exhaust Ventilation and Appliances	Depressurization Tightness Limit (DTL), House CFM_{50}																	
	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
25	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
75	1.4	0.9	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100	2.3	1.4	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
125	3.2	2.0	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
150	4.2	2.7	1.9	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2
175	5.3	3.4	2.4	1.8	1.4	1.2	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.3
200	6.5	4.2	3.0	2.3	1.8	1.4	1.2	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
225	7.8	5.0	3.6	2.7	2.1	1.7	1.4	1.2	1.1	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4
250	9.2	5.9	4.2	3.2	2.5	2.0	1.7	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5
275	10.7	6.9	4.9	3.7	2.9	2.4	2.0	1.7	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
300	12.2	7.8	5.6	4.2	3.3	2.7	2.3	1.9	1.7	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.7
325	13.8	8.9	6.3	4.8	3.8	3.1	2.5	2.2	1.9	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
350	15.5	9.9	7.1	5.3	4.2	3.4	2.9	2.4	2.1	1.8	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
375	17.2	11.1	7.8	5.9	4.7	3.8	3.2	2.7	2.3	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.0	0.9
400	19.0	12.2	8.7	6.5	5.2	4.2	3.5	3.0	2.6	2.3	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.0
425	20.9	13.4	9.5	7.2	5.7	4.6	3.8	3.3	2.8	2.5	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.1
450	22.8	14.6	10.4	7.8	6.2	5.0	4.2	3.6	3.1	2.7	2.4	2.1	1.9	1.7	1.6	1.4	1.3	1.2
475	24.8	15.9	11.3	8.5	6.7	5.5	4.6	3.9	3.4	2.9	2.6	2.3	2.1	1.9	1.7	1.6	1.4	1.3
500	26.8	17.2	12.2	9.2	7.3	5.9	4.9	4.2	3.6	3.2	2.8	2.5	2.3	2.0	1.9	1.7	1.6	1.4
525	28.9	18.6	13.2	9.9	7.8	6.4	5.3	4.5	3.9	3.4	3.0	2.7	2.4	2.2	2.0	1.8	1.7	1.6
550	31.0	19.9	14.1	10.7	8.4	6.9	5.7	4.9	4.2	3.7	3.3	2.9	2.6	2.4	2.2	2.0	1.8	1.7
575	33.2	21.3	15.1	11.4	9.0	7.3	6.1	5.2	4.5	3.9	3.5	3.1	2.8	2.5	2.3	2.1	1.9	1.8
600	35.5	22.8	16.2	12.2	9.6	7.8	6.5	5.6	4.8	4.2	3.7	3.3	3.0	2.7	2.5	2.3	2.1	1.9
625	37.8	24.3	17.2	13.0	10.3	8.4	7.0	5.9	5.1	4.5	4.0	3.5	3.2	2.9	2.6	2.4	2.2	2.0
650	40.1	25.8	18.3	13.8	10.9	8.9	7.4	6.3	5.4	4.8	4.2	3.8	3.4	3.1	2.8	2.5	2.3	2.2
675	42.5	27.3	19.4	14.6	11.5	9.4	7.8	6.7	5.8	5.0	4.5	4.0	3.6	3.2	2.9	2.7	2.5	2.3
700	45.0	28.9	20.5	15.5	12.2	9.9	8.3	7.1	6.1	5.3	4.7	4.2	3.8	3.4	3.1	2.9	2.6	2.4
725	47.5	30.5	21.6	16.3	12.9	10.5	8.8	7.4	6.4	5.6	5.0	4.4	4.0	3.6	3.3	3.0	2.8	2.6
750	50.0	32.1	22.8	17.2	13.6	11.1	9.2	7.8	6.8	5.9	5.2	4.7	4.2	3.8	3.5	3.2	2.9	2.7
775	52.6	33.8	24.0	18.1	14.3	11.6	9.7	8.2	7.1	6.2	5.5	4.9	4.4	4.0	3.6	3.3	3.1	2.8
800	55.2	35.5	25.2	19.0	15.0	12.2	10.2	8.7	7.5	6.5	5.8	5.2	4.6	4.2	3.8	3.5	3.2	3.0

Numbers in body of table are in negative Pascals of pressure.

Flow Exponent = 0.65

Shading and numbers don't correspond in all cases because of rounding. In these cases, shading is more important than numbering.

Combustion Appliance Depressurization Limits for Safe Operation, Pascals

Atmospheric water heater not common vented (Category I, natural draft), open-combustion appliances	-2.0
Atmospheric water heater (Category I, natural draft) common vented with atmosperic furnace (Category I, natural draft), open-combustion appliances	-3.0
Gas furnace or boiler, Category I or Category I fan-assisted, open-combustion appliances	-5.0
Oil or gas unit with power burner, low- or high-static pressure burner, open combustion appliances	-5.0
Closed, controlled wood-burning appliances	-7.0
Induced-draft appliances (fan at point of exit at wall), Category I with induced draft, open-combusiton appliances	-15.0
Pellet stoves with exhaust fans and sealed vents	-15.0
Gas appliances, Category III or Category IV, vented through the wall, forced-draft, open-combusion appliances	-15.0
Direct-vent, sealed combustion appliances with forced draft	-25.0
No appliance is safe at these pressure unless certified by the manufacturer	< -25.0

Tae Chong and Rick Karg July 12, 2011