

350R, 350F AND 350R-SS

PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-20									
				100 0.001 0.002	200 0.002 0.008	300 0.006 0.018	400 0.010 0.032	500 0.016 0.051	600 0.022 0.073	700 0.031 0.099	800 0.040 0.130	900 0.050 0.164	
<b>6x6</b>	<b>0.25</b>	<b>0.19</b>	Airflow, cfm NC	19 -	38 -	57 -	76 -	95 -	114 13	133 19	152 25	171 29	
<b>8x6</b>	<b>0.33</b>	<b>0.26</b>	Airflow, cfm NC	26 -	52 -	78 -	104 -	130 -	156 15	182 20	208 26	234 30	
<b>10x6</b>	<b>0.42</b>	<b>0.34</b>	Airflow, cfm NC	34 -	68 -	102 -	136 -	170 -	204 16	238 21	272 28	306 32	
<b>8x8</b>	<b>0.44</b>	<b>0.37</b>	Airflow, cfm NC	37 -	74 -	111 -	148 -	185 -	222 16	259 22	296 28	333 32	
<b>12x6</b>	<b>0.5</b>	<b>0.41</b>	Airflow, cfm NC	41 -	82 -	123 -	164 -	205 -	246 17	287 22	328 30	369 34	
<b>14x6</b>	<b>0.58</b>	<b>0.48</b>	Airflow, cfm NC	48 -	96 -	144 -	192 -	240 -	288 18	336 24	384 30	432 34	
<b>16x6</b>	<b>0.67</b>	<b>0.57</b>	Airflow, cfm NC	57 -	114 -	171 -	228 -	285 10	342 19	399 25	456 30	513 35	
<b>10x10</b>	<b>0.69</b>	<b>0.59</b>	Airflow, cfm NC	59 -	118 -	177 -	236 -	295 10	354 19	413 25	472 31	531 35	
<b>18x6</b>	<b>0.75</b>	<b>0.63</b>	Airflow, cfm NC	63 -	126 -	189 -	252 -	315 10	378 19	441 25	504 32	567 35	
<b>20x6</b>	<b>0.83</b>	<b>0.72</b>	Airflow, cfm NC	72 -	144 -	216 -	288 -	360 11	432 19	504 25	576 30	648 35	
<b>22x6</b>	<b>0.92</b>	<b>0.77</b>	Airflow, cfm NC	77 -	154 -	231 -	308 -	385 11	462 19	539 25	616 30	693 35	
<b>24x6</b>	<b>1</b>	<b>0.88</b>	Airflow, cfm NC	88 -	176 -	264 -	352 -	440 11	528 19	616 25	704 30	792 35	
<b>30x6</b>	<b>1.25</b>	<b>1.11</b>	Airflow, cfm NC	111 -	222 -	333 -	444 -	555 12	666 20	777 26	888 32	999 35	
<b>14x14</b>	<b>1.36</b>	<b>1.22</b>	Airflow, cfm NC	122 -	244 -	366 -	488 -	610 12	732 20	854 27	976 32	1098 35	
<b>36x6</b>	<b>1.5</b>	<b>1.35</b>	Airflow, cfm NC	135 -	270 -	405 -	540 -	675 13	810 20	945 27	1080 32	1215 35	
<b>22x10</b>	<b>1.53</b>	<b>1.37</b>	Airflow, cfm NC	137 -	274 -	411 -	548 -	685 13	822 20	959 27	1096 32	1233 36	
<b>30x8</b>	<b>1.67</b>	<b>1.49</b>	Airflow, cfm NC	149 -	298 -	447 -	596 -	745 14	894 21	1043 27	1192 33	1341 37	
<b>42x6</b>	<b>1.75</b>	<b>1.59</b>	Airflow, cfm NC	159 -	318 -	477 -	636 -	795 14	954 21	1113 27	1272 33	1431 37	
<b>16x16</b>	<b>1.78</b>	<b>1.62</b>	Airflow, cfm NC	162 -	324 -	486 -	648 -	810 14	972 21	1134 27	1296 33	1458 37	
<b>24x12</b>	<b>2</b>	<b>1.82</b>	Airflow, cfm NC	182 -	364 -	546 -	728 -	910 14	1092 21	1274 28	1456 33	1638 38	
<b>18x18</b>	<b>2.25</b>	<b>2.07</b>	Airflow, cfm NC	207 -	414 -	621 -	828 -	1035 14	1242 21	1449 28	1656 33	1863 38	
<b>24x14</b>	<b>2.33</b>	<b>2.14</b>	Airflow, cfm NC	214 -	428 -	642 -	856 -	1070 14	1284 22	1498 28	1712 33	1926 38	
<b>30x12</b>	<b>2.5</b>	<b>2.29</b>	Airflow, cfm NC	229 -	458 -	687 -	916 -	1145 15	1374 22	1603 28	1832 33	2061 38	
<b>24x16</b>	<b>2.67</b>	<b>2.46</b>	Airflow, cfm NC	246 -	492 -	738 -	984 -	1230 15	1476 22	1722 29	1968 34	2214 39	
<b>20x20</b>	<b>2.78</b>	<b>2.57</b>	Airflow, cfm NC	257 -	514 -	771 -	1028 -	1285 16	1542 23	1799 29	2056 34	2313 39	
<b>36x12</b>	<b>3</b>	<b>2.75</b>	Airflow, cfm NC	275 -	550 -	825 -	1100 -	1375 16	1650 23	1925 29	2200 34	2475 39	
<b>30x16</b>	<b>3.33</b>	<b>3.11</b>	Airflow, cfm NC	311 -	622 -	933 -	1244 -	1555 17	1866 24	2177 30	2488 35	2799 40	
<b>22x22</b>	<b>3.36</b>	<b>3.14</b>	Airflow, cfm NC	314 -	628 -	942 -	1256 -	1570 17	1884 24	2198 30	2512 35	2826 40	
<b>42x12</b>	<b>3.5</b>	<b>3.22</b>	Airflow, cfm NC	322 -	644 -	966 -	1288 -	1610 17	1932 24	2254 30	2576 36	2898 40	
<b>24x22</b>	<b>3.67</b>	<b>3.43</b>	Airflow, cfm NC	343 -	686 -	1029 -	1372 -	1715 17	2058 24	2401 30	2744 36	3087 40	
<b>30x18</b>	<b>3.75</b>	<b>3.5</b>	Airflow, cfm NC	350 -	700 -	1050 -	1400 -	1750 17	2100 24	2450 30	2800 36	3150 40	

NC-30

NC-40



• Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006

• NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

350R, 350F AND 350R-SS  
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

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Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-20    NC-30    NC-40											
				100 0.001 0.002	200 0.002 0.008	300 0.006 0.018	400 0.010 0.032	500 0.016 0.051	600 0.022 0.073	700 0.031 0.099	800 0.040 0.130	900 0.050 0.164			
48x12 <b>24x24</b>	<b>4</b>	<b>3.75</b>	Airflow, cfm NC	375 -	750 -	1125 -	1500 -	1875 18	2250 25	2625 37	3000 38	3375 41			
<b>36x18</b>	<b>4.5</b>	<b>4.22</b>	Airflow, cfm NC	422 -	844 -	1266 -	1688 -	2110 18	2532 25	2954 31	3376 38	3798 41			
<b>36x20</b> 30x24	<b>5</b>	<b>4.71</b>	Airflow, cfm NC	471 -	942 -	1413 -	1884 -	2355 18	2826 25	3297 31	3768 38	4239 41			
<b>42x18</b>	<b>5.25</b>	<b>4.94</b>	Airflow, cfm NC	494 -	988 -	1482 -	1976 -	2470 18	2964 25	3458 31	3952 38	4446 41			
<b>28x28</b>	<b>5.44</b>	<b>5.16</b>	Airflow, cfm NC	516 -	1032 -	1548 -	2064 -	2580 18	3096 25	3612 32	4128 38	4644 41			
<b>42x20</b> 30x28	<b>5.83</b>	<b>5.51</b>	Airflow, cfm NC	551 -	1102 -	1653 -	2204 10	2755 18	3306 26	3857 32	4408 38	4959 41			
<b>48x18</b> 36x24	<b>6</b>	<b>5.66</b>	Airflow, cfm NC	566 -	1132 -	1698 -	2264 10	2830 18	3396 26	3962 32	4528 38	5094 41			
<b>30x30</b>	<b>6.25</b>	<b>5.94</b>	Airflow, cfm NC	594 -	1188 -	1782 -	2376 10	2970 18	3564 26	4158 32	4752 38	5346 41			
<b>42x24</b> 36x28	<b>7</b>	<b>6.66</b>	Airflow, cfm NC	666 -	1332 -	1998 -	2664 10	3330 19	3996 26	4662 32	5328 38	5994 41			
<b>46x22</b>	<b>7.03</b>	<b>6.68</b>	Airflow, cfm NC	668 -	1336 -	2004 -	2672 10	3340 19	4008 27	4676 32	5344 38	6012 42			
<b>32x32</b>	<b>7.11</b>	<b>6.78</b>	Airflow, cfm NC	678 -	1356 -	2034 -	2712 10	3390 19	4068 27	4746 32	5424 38	6102 42			
<b>36x30</b>	<b>7.5</b>	<b>7.16</b>	Airflow, cfm NC	716 -	1432 -	2148 -	2864 10	3580 19	4296 27	5012 32	5728 38	6444 42			
<b>48x24</b> 36x32	<b>8</b>	<b>7.63</b>	Airflow, cfm NC	763 -	1526 -	2289 -	3052 10	3815 19	4578 27	5341 32	6104 38	6867 42			
34x34	<b>8.03</b>	<b>7.68</b>	Airflow, cfm NC	768 -	1536 -	2304 -	3072 10	3840 19	4608 27	5376 32	6144 38	6912 42			
36x34	<b>8.5</b>	<b>8.14</b>	Airflow, cfm NC	814 -	1628 -	2442 -	3256 11	4070 19	4884 27	5698 32	6512 38	7326 42			
<b>42x30</b>	<b>8.75</b>	<b>8.38</b>	Airflow, cfm NC	838 -	1676 -	2514 -	3352 11	4190 20	5028 27	5866 32	6704 38	7542 42			
<b>36x36</b>	<b>9</b>	<b>8.63</b>	Airflow, cfm NC	863 -	1726 -	2589 -	3452 11	4315 20	5178 27	6041 33	6904 38	7767 43			
42x34 <b>48x30</b>	<b>10</b>	<b>9.6</b>	Airflow, cfm NC	960 -	1920 -	2880 -	3840 11	4800 20	5760 27	6720 33	7680 38	8640 43			
<b>38x38</b>	<b>10.03</b>	<b>9.64</b>	Airflow, cfm NC	964 -	1928 -	2892 -	3856 11	4820 20	5784 27	6748 33	7712 38	8676 43			
<b>42x36</b>	<b>10.5</b>	<b>10.1</b>	Airflow, cfm NC	1010 -	2020 -	3030 -	4040 11	5050 20	6060 27	7070 33	8080 38	9090 43			
<b>46x34</b>	<b>10.86</b>	<b>10.45</b>	Airflow, cfm NC	1045 -	2090 -	3135 -	4180 11	5225 20	6270 27	7315 33	8360 38	9405 43			
<b>42x38</b>	<b>11.08</b>	<b>10.67</b>	Airflow, cfm NC	1067 -	2134 -	3201 -	4268 11	5335 20	6402 27	7469 33	8536 38	9603 43			
<b>40x40</b>	<b>11.11</b>	<b>10.7</b>	Airflow, cfm NC	1070 -	2140 -	3210 -	4280 11	5350 20	6420 27	7490 33	8560 38	9630 43			
<b>48x36</b>	<b>12</b>	<b>11.57</b>	Airflow, cfm NC	1157 -	2314 -	3471 -	4628 11	5785 20	6942 27	8099 33	9256 39	10413 44			
<b>42x42</b>	<b>12.25</b>	<b>11.82</b>	Airflow, cfm NC	1182 -	2364 -	3546 -	4728 11	5910 20	7092 27	8274 33	9456 39	10638 44			
<b>44x44</b>	<b>13.44</b>	<b>12.99</b>	Airflow, cfm NC	1299 -	2598 -	3897 -	5196 12	6495 21	7794 28	9093 34	10392 39	11691 44			
<b>48x42</b>	<b>14</b>	<b>13.54</b>	Airflow, cfm NC	1354 -	2708 -	4062 -	5416 12	6770 21	8124 28	9478 34	10832 40	12186 45			
<b>46x46</b>	<b>14.69</b>	<b>14.22</b>	Airflow, cfm NC	1422 -	2844 -	4266 -	5688 12	7110 21	8532 28	9954 35	11376 40	12798 45			
<b>48x46</b>	<b>15.33</b>	<b>14.85</b>	Airflow, cfm NC	1485 -	2970 -	4455 -	5940 12	7425 22	8910 28	10395 35	11880 40	13365 45			
<b>48x48</b>	<b>16</b>	<b>15.5</b>	Airflow, cfm NC	1550 -	3100 -	4650 -	6200 13	7750 22	9300 29	10850 35	12400 40	13950 45			

• Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006

• NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

350ZR AND 350ZF

PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	300		400		500		600		700		900		1100		1300		1500	
				0.006 0.012	0.010 0.022	0.016 0.034	0.022 0.049	0.031 0.067	0.050 0.111	0.075 0.165	0.105 0.231	0.140 0.307	NC-10	NC-20	NC-30	NC-40					
<b>6x6</b>	<b>0.25</b>	<b>0.19</b>	Airflow, cfm NC	57 -	76 -	95 -	114 -	133 13	171 20	209 26	247 31	285 35									
<b>8x6</b>	<b>0.33</b>	<b>0.26</b>	Airflow, cfm NC	78 -	104 -	130 -	156 -	182 14	234 22	286 27	338 32	390 36									
<b>10x6</b>	<b>0.42</b>	<b>0.34</b>	Airflow, cfm NC	102 -	136 -	170 -	204 11	238 16	306 23	374 28	442 33	510 37									
<b>8x8</b>	<b>0.44</b>	<b>0.37</b>	Airflow, cfm NC	111 -	148 -	185 -	222 12	259 16	333 23	407 29	481 34	555 38									
<b>12x6</b>	<b>0.5</b>	<b>0.41</b>	Airflow, cfm NC	123 -	164 -	205 -	246 12	287 16	369 24	451 29	533 34	615 38									
<b>14x6</b>	<b>0.58</b>	<b>0.48</b>	Airflow, cfm NC	144 -	192 -	240 -	288 13	336 17	432 24	528 30	624 35	720 39									
<b>16x6</b>			Airflow, cfm	171	228	285	342	399	513	627	741	855									
<b>12x8</b>	<b>0.67</b>	<b>0.57</b>	NC	-	-	-	13	18	25	31	36	40									
<b>10x10</b>	<b>0.69</b>	<b>0.59</b>	Airflow, cfm NC	177 -	236 -	295 -	354 14	413 18	531 25	649 31	767 36	885 40									
<b>18x6</b>	<b>0.75</b>	<b>0.63</b>	Airflow, cfm NC	189 -	252 -	315 -	378 14	441 18	567 25	693 31	819 36	945 40									
<b>20x6</b>			Airflow, cfm	216	288	360	432	504	648	792	936	1080									
<b>12x10</b>	<b>0.83</b>	<b>0.72</b>	NC	-	-	-	14	19	26	32	37	41									
<b>22x6</b>	<b>0.92</b>	<b>0.77</b>	Airflow, cfm NC	231 -	308 -	385 -	462 15	539 19	693 26	847 32	1001 37	1155 41									
<b>24x6</b>			Airflow, cfm	264	352	440	528	616	792	968	1144	1320									
<b>12x12</b>	<b>1</b>	<b>0.88</b>	NC	-	-	-	15	20	27	33	37	42									
<b>30x6</b>			Airflow, cfm	333	444	555	666	777	999	1221	1443	1665									
<b>18x10</b>	<b>1.25</b>	<b>1.11</b>	NC	-	-	-	11	16	21	28	34	43									
<b>14x14</b>	<b>1.36</b>	<b>1.22</b>	Airflow, cfm NC	366 -	488 -	610 11	732 17	854 21	1098 28	1342 34	1586 39	1830 43									
<b>36x6</b>			Airflow, cfm	405	540	675	810	945	1215	1485	1755	2025									
<b>18x12</b>	<b>1.5</b>	<b>1.35</b>	NC	-	-	-	12	17	22	29	35	43									
<b>22x10</b>	<b>1.53</b>	<b>1.37</b>	Airflow, cfm NC	411 -	548 -	685 12	822 17	959 22	1233 29	1507 35	1781 39	2055 43									
<b>30x8</b>			Airflow, cfm	447	596	745	894	1043	1341	1639	1937	2235									
<b>24x10</b>	<b>1.67</b>	<b>1.49</b>	NC	-	-	-	12	18	22	29	35	44									
<b>42x6</b>			Airflow, cfm	477	636	795	954	1113	1431	1749	2067	2385									
<b>18x14</b>	<b>1.75</b>	<b>1.59</b>	NC	-	-	-	13	18	22	29	35	44									
<b>16x16</b>	<b>1.78</b>	<b>1.62</b>	Airflow, cfm NC	486 -	648 -	810 13	972 18	1134 22	1458 30	1782 35	2106 40	2430 44									
<b>24x12</b>	<b>2</b>	<b>1.82</b>	Airflow, cfm NC	546 -	728 -	910 13	1092 18	1274 23	1638 30	2002 36	2366 41	2730 45									
<b>18x18</b>	<b>2.25</b>	<b>2.07</b>	Airflow, cfm NC	621 -	828 -	1035 14	1242 19	1449 23	1863 31	2277 36	2691 41	3105 45									
<b>24x14</b>	<b>2.33</b>	<b>2.14</b>	Airflow, cfm NC	642 -	856 -	1070 14	1284 19	1498 24	1926 31	2354 37	2782 41	3210 45									
<b>30x12</b>	<b>2.5</b>	<b>2.29</b>	Airflow, cfm NC	687 -	916 -	1145 14	1374 19	1603 24	2061 31	2519 37	2977 42	3435 46									
<b>24x16</b>	<b>2.67</b>	<b>2.46</b>	Airflow, cfm NC	738 -	984 -	1230 15	1476 20	1722 24	2214 31	2706 37	3198 42	3690 46									
<b>20x20</b>	<b>2.78</b>	<b>2.57</b>	Airflow, cfm NC	771 -	1028 -	1285 15	1542 20	1799 24	2313 32	2827 37	3341 42	3855 46									
<b>36x12</b>	<b>3</b>	<b>2.75</b>	Airflow, cfm NC	825 -	1100 -	1375 15	1650 20	1925 25	2475 32	3025 38	3575 42	4125 47									
<b>30x16</b>	<b>3.33</b>	<b>3.11</b>	Airflow, cfm	933	1244	1555	1866	2177	2799	3421	4043	4665									
<b>24x20</b>			NC	-	-	-	16	21	25	32	38	47									
<b>22x22</b>	<b>3.36</b>	<b>3.14</b>	Airflow, cfm NC	942 -	1256 -	1570 16	1884 21	2198 25	2826 32	3454 38	4082 43	4710 47									
<b>42x12</b>			Airflow, cfm	966	1288	1610	1932	2254	2898	3542	4186	4830									
<b>36x14</b>	<b>3.5</b>	<b>3.22</b>	NC	-	-	-	16	21	25	33	43	47									
<b>24x22</b>	<b>3.67</b>	<b>3.43</b>	Airflow, cfm NC	1029 -	1372 -	1715 16	2058 21	2401 26	3087 33	3773 39	4459 43	5145 47									
<b>30x18</b>	<b>3.75</b>	<b>3.5</b>	Airflow, cfm NC	1050 -	1400 -	1750 16	2100 21	2450 26	3150 33	3850 39	4550 43	5250 48									

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PERFORMANCE DATA

- Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006
- NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

350ZR AND 350ZF  
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-10		NC-20		NC-30		NC-40		
				300 0.006 0.012	400 0.010 0.022	500 0.016 0.034	600 0.022 0.049	700 0.031 0.067	900 0.050 0.111	1100 0.075 0.165	1300 0.105 0.231	1500 0.140 0.307
48x12 <b>24x24</b>	<b>4</b>	<b>3.75</b>	Airflow, cfm NC	1125 -	1500 -	1875 16	2250 22	2625 26	3375 33	4125 39	4875 44	5625 48
<b>36x18</b>	<b>4.5</b>	<b>4.22</b>	Airflow, cfm NC	1266 -	1688 -	2110 17	2532 22	2954 27	3798 34	4642 39	5486 44	6330 48
<b>36x20</b> <b>30x24</b>	<b>5</b>	<b>4.71</b>	Airflow, cfm NC	1413 -	1884 11	2355 17	2826 23	3297 27	4239 34	5181 40	6123 45	7065 49
<b>42x18</b>	<b>5.25</b>	<b>4.94</b>	Airflow, cfm NC	1482 -	1976 11	2470 18	2964 23	3458 27	4446 34	5434 40	6422 45	7410 49
<b>28x28</b>	<b>5.44</b>	<b>5.16</b>	Airflow, cfm NC	1548 -	2064 11	2580 18	3096 23	3612 27	4644 35	5676 40	6708 45	7740 49
<b>42x20</b> <b>30x28</b>	<b>5.83</b>	<b>5.51</b>	Airflow, cfm NC	1653 -	2204 12	2755 18	3306 23	3857 28	4959 35	6061 41	7163 45	8265 50
<b>48x18</b> <b>36x24</b>	<b>6</b>	<b>5.66</b>	Airflow, cfm NC	1698 -	2264 12	2830 18	3396 23	3962 28	5094 35	6226 41	7358 46	8490 50
<b>30x30</b>	<b>6.25</b>	<b>5.94</b>	Airflow, cfm NC	1782 -	2376 12	2970 18	3564 24	4158 28	5346 35	6534 41	7722 46	8910 50
<b>42x24</b> <b>36x28</b>	<b>7</b>	<b>6.66</b>	Airflow, cfm NC	1998 -	2664 12	3330 19	3996 24	4662 28	5994 36	7326 41	8658 46	9990 50
<b>46x22</b>	<b>7.03</b>	<b>6.68</b>	Airflow, cfm NC	2004 -	2672 12	3340 19	4008 24	4676 29	6012 36	7348 41	8684 46	10020 50
<b>32x32</b>	<b>7.11</b>	<b>6.78</b>	Airflow, cfm NC	2034 -	2712 13	3390 19	4068 24	4746 29	6102 36	7458 42	8814 46	10170 50
<b>36x30</b>	<b>7.5</b>	<b>7.16</b>	Airflow, cfm NC	2148 -	2864 13	3580 19	4296 24	5012 29	6444 36	7876 42	9308 47	10740 51
<b>48x24</b> <b>36x32</b>	<b>8</b>	<b>7.63</b>	Airflow, cfm NC	2289 -	3052 13	3815 19	4578 25	5341 29	6867 36	8393 42	9919 47	11445 51
<b>34x34</b>	<b>8.03</b>	<b>7.68</b>	Airflow, cfm NC	2304 -	3072 13	3840 19	4608 25	5376 29	6912 36	8448 42	9984 47	11520 51
<b>36x34</b>	<b>8.5</b>	<b>8.14</b>	Airflow, cfm NC	2442 -	3256 13	4070 20	4884 25	5698 29	7326 37	8954 42	10582 47	12210 51
<b>42x30</b>	<b>8.75</b>	<b>8.38</b>	Airflow, cfm NC	2514 -	3352 13	4190 20	5028 25	5866 29	7542 37	9218 42	10894 47	12570 51
<b>36x36</b>	<b>9</b>	<b>8.63</b>	Airflow, cfm NC	2589 -	3452 14	4315 20	5178 25	6041 30	7767 37	9493 43	11219 47	12945 51
<b>42x34</b> <b>48x30</b>	<b>10</b>	<b>9.6</b>	Airflow, cfm NC	2880 -	3840 14	4800 20	5760 26	6720 30	8640 37	10560 43	12480 48	14400 52
<b>38x38</b>	<b>10.03</b>	<b>9.64</b>	Airflow, cfm NC	2892 -	3856 14	4820 20	5784 26	6748 30	8676 37	10604 43	12532 48	14460 52
<b>42x36</b>	<b>10.5</b>	<b>10.1</b>	Airflow, cfm NC	3030 -	4040 14	5050 21	6060 26	7070 30	9090 38	11110 43	13130 48	15150 52
<b>46x34</b>	<b>10.86</b>	<b>10.45</b>	Airflow, cfm NC	3135 -	4180 14	5225 21	6270 26	7315 30	9405 38	11495 43	13585 48	15675 52
<b>42x38</b>	<b>11.08</b>	<b>10.67</b>	Airflow, cfm NC	3201 -	4268 14	5335 21	6402 26	7469 31	9603 38	11737 44	13871 48	16005 52
<b>40x40</b>	<b>11.11</b>	<b>10.7</b>	Airflow, cfm NC	3210 -	4280 15	5350 21	6420 26	7490 31	9630 38	11770 44	13910 48	16050 52
<b>48x36</b>	<b>12</b>	<b>11.57</b>	Airflow, cfm NC	3471 -	4628 15	5785 21	6942 26	8099 31	10413 38	12727 44	15041 49	17355 53
<b>42x42</b>	<b>12.25</b>	<b>11.82</b>	Airflow, cfm NC	3546 -	4728 15	5910 21	7092 27	8274 31	10638 38	13002 44	15366 49	17730 53
<b>44x44</b>	<b>13.44</b>	<b>12.99</b>	Airflow, cfm NC	3897 -	5196 15	6495 22	7794 27	9093 31	11691 39	14289 44	16887 49	19485 53
<b>48x42</b>	<b>14</b>	<b>13.54</b>	Airflow, cfm NC	4062 -	5416 16	6770 22	8124 27	9478 32	12186 39	14894 45	17602 49	20310 53
<b>46x46</b>	<b>14.69</b>	<b>14.22</b>	Airflow, cfm NC	4266 -	5688 16	7110 22	8532 27	9954 32	12798 39	15642 45	18486 50	21330 54
<b>48x46</b>	<b>15.33</b>	<b>14.85</b>	Airflow, cfm NC	4455 -	5940 16	7425 22	8910 28	10395 32	13365 39	16335 45	19305 50	22275 54
<b>48x48</b>	<b>16</b>	<b>15.5</b>	Airflow, cfm NC	4650 -	6200 16	7750 23	9300 28	10850 32	13950 39	17050 45	20150 50	23250 54

NC-50

- Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006
- NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

355R AND 355F

PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-20						NC-30		
				100 0.001 0.003	200 0.002 0.011	300 0.006 0.026	400 0.010 0.045	500 0.016 0.071	600 0.022 0.102	700 0.031 0.139	800 0.040 0.182	900 0.050 0.230
<b>6x6</b>	<b>0.25</b>	<b>0.19</b>	Airflow, cfm	19	38	57	76	95	114	133	152	171
			NC	-	-	-	-	10	18	25	29	33
<b>8x6</b>	<b>0.33</b>	<b>0.26</b>	Airflow, cfm	26	52	78	104	130	156	182	208	234
			NC	-	-	-	-	11	19	25	30	35
<b>10x6</b>	<b>0.42</b>	<b>0.34</b>	Airflow, cfm	34	68	102	136	170	204	238	272	306
			NC	-	-	-	-	12	20	26	31	36
<b>8x8</b>	<b>0.44</b>	<b>0.37</b>	Airflow, cfm	37	74	111	148	185	222	259	296	333
			NC	-	-	-	-	12	20	26	31	36
<b>12x6</b>	<b>0.5</b>	<b>0.41</b>	Airflow, cfm	41	82	123	164	205	246	287	328	369
			NC	-	-	-	-	12	20	26	32	36
<b>14x6</b>	<b>0.58</b>	<b>0.48</b>	Airflow, cfm	48	96	144	192	240	288	336	384	432
			NC	-	-	-	-	12	20	26	32	37
<b>16x6</b>			Airflow, cfm	57	114	171	228	285	342	399	456	513
			NC	-	-	-	-	13	21	27	32	38
<b>10x10</b>	<b>0.69</b>	<b>0.59</b>	Airflow, cfm	59	118	177	236	295	354	413	472	531
			NC	-	-	-	-	13	21	27	32	38
<b>18x6</b>	<b>0.75</b>	<b>0.63</b>	Airflow, cfm	63	126	189	252	315	378	441	504	567
			NC	-	-	-	-	14	22	28	33	38
<b>20x6</b>			Airflow, cfm	72	144	216	288	360	432	504	576	648
			NC	-	-	-	-	14	22	28	33	38
<b>22x6</b>	<b>0.92</b>	<b>0.77</b>	Airflow, cfm	77	154	231	308	385	462	539	616	693
			NC	-	-	-	-	14	22	28	34	38
<b>24x6</b>			Airflow, cfm	88	176	264	352	440	528	616	704	792
			NC	-	-	-	-	15	22	28	34	39
<b>12x12</b>	<b>1</b>	<b>0.88</b>	Airflow, cfm	88	176	264	352	440	528	616	704	792
			NC	-	-	-	-	15	22	28	34	39
<b>30x6</b>			Airflow, cfm	111	222	333	444	555	666	777	888	999
			NC	-	-	-	-	15	22	28	34	39
<b>18x10</b>	<b>1.25</b>	<b>1.11</b>	Airflow, cfm	111	222	333	444	555	666	777	888	999
			NC	-	-	-	-	15	22	28	34	39
<b>14x14</b>	<b>1.36</b>	<b>1.22</b>	Airflow, cfm	122	244	366	488	610	732	854	976	1098
			NC	-	-	-	-	16	23	29	34	39
<b>36x6</b>			Airflow, cfm	135	270	405	540	675	810	945	1080	1215
			NC	-	-	-	-	16	24	29	34	39
<b>22x10</b>	<b>1.53</b>	<b>1.37</b>	Airflow, cfm	137	274	411	548	685	822	959	1096	1233
			NC	-	-	-	-	16	24	30	35	39
<b>30x8</b>			Airflow, cfm	149	298	447	596	745	894	1043	1192	1341
			NC	-	-	-	-	16	24	30	35	39
<b>24x10</b>	<b>1.67</b>	<b>1.49</b>	Airflow, cfm	149	298	447	596	745	894	1043	1192	1341
			NC	-	-	-	-	16	24	30	35	39
<b>42x6</b>			Airflow, cfm	159	318	477	636	795	954	1113	1272	1431
			NC	-	-	-	-	17	24	30	35	39
<b>18x14</b>	<b>1.75</b>	<b>1.59</b>	Airflow, cfm	159	318	477	636	795	954	1113	1272	1431
			NC	-	-	-	-	17	24	30	35	39
<b>16x16</b>	<b>1.78</b>	<b>1.62</b>	Airflow, cfm	162	324	486	648	810	972	1134	1296	1458
			NC	-	-	-	-	17	24	30	35	39
<b>24x12</b>			Airflow, cfm	182	364	546	728	910	1092	1274	1456	1638
			NC	-	-	-	-	17	24	30	35	39
<b>18x16</b>			Airflow, cfm	182	364	546	728	910	1092	1274	1456	1638
			NC	-	-	-	-	17	24	30	35	39
<b>18x18</b>	<b>2.25</b>	<b>2.07</b>	Airflow, cfm	207	414	621	828	1035	1242	1449	1656	1863
			NC	-	-	-	-	18	25	31	35	40
<b>24x14</b>	<b>2.33</b>	<b>2.14</b>	Airflow, cfm	214	428	642	856	1070	1284	1498	1712	1926
			NC	-	-	-	-	18	25	31	35	40
<b>30x12</b>	<b>2.5</b>	<b>2.29</b>	Airflow, cfm	229	458	687	916	1145	1374	1603	1832	2061
			NC	-	-	-	-	18	25	31	35	40
<b>24x16</b>	<b>2.67</b>	<b>2.46</b>	Airflow, cfm	246	492	738	984	1230	1476	1722	1968	2214
			NC	-	-	-	-	18	25	32	36	39
<b>20x20</b>	<b>2.78</b>	<b>2.57</b>	Airflow, cfm	257	514	771	1028	1285	1542	1799	2056	2313
			NC	-	-	-	-	18	25	32	36	40
<b>36x12</b>	<b>3</b>	<b>2.75</b>	Airflow, cfm	275	550	825	1100	1375	1650	1925	2200	2475
			NC	-	-	-	-	19	26	32	37	42
<b>30x16</b>			Airflow, cfm	311	622	933	1244	1555	1866	2177	2488	2799
			NC	-	-	-	-	19	26	32	37	42
<b>24x20</b>			Airflow, cfm	311	622	933	1244	1555	1866	2177	2488	2799
			NC	-	-	-	-	19	26	32	37	42
<b>22x22</b>	<b>3.36</b>	<b>3.14</b>	Airflow, cfm	314	628	942	1256	1570	1884	2198	2512	2826
			NC	-	-	-	-	19	26	33	38	42
<b>42x12</b>			Airflow, cfm	322	644	966	1288	1610	1932	2254	2576	2898
			NC	-	-	-	-	19	26	33	38	43
<b>36x14</b>	<b>3.5</b>	<b>3.22</b>	Airflow, cfm	322	644	966	1288	1610	1932	2254	2576	2898
			NC	-	-	-	-	19	26	33	38	43
<b>24x22</b>	<b>3.67</b>	<b>3.43</b>	Airflow, cfm	343	686	1029	1372	1715	2058	2401	2744	3087
			NC	-	-	-	-	19	26	33	38	43
<b>30x18</b>	<b>3.75</b>	<b>3.5</b>	Airflow, cfm	350	700	1050	1400	1750	2100	2450	2800	3150
			NC	-	-	-	-	19	26	33	38	43

NC-40

• Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006

• NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

355R AND 355F  
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

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Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-20    NC-30    NC-40								
				100 0.001 0.003	200 0.002 0.011	300 0.006 0.026	400 0.010 0.045	500 0.016 0.071	600 0.022 0.102	700 0.031 0.139	800 0.040 0.182	900 0.050 0.230
48x12 <b>24x24</b>	<b>4</b>	<b>3.75</b>	Airflow, cfm NC	375 -	750 -	1125 -	1500 10	1875 19	2250 26	2625 33	3000 39	3375 43
<b>36x18</b>	<b>4.5</b>	<b>4.22</b>	Airflow, cfm NC	422 -	844 -	1266 -	1688 10	2110 19	2532 26	2954 33	3376 39	3798 43
<b>36x20</b> 30x24	<b>5</b>	<b>4.71</b>	Airflow, cfm NC	471 -	942 -	1413 -	1884 11	2355 19	2826 27	3297 33	3768 38	4239 43
<b>42x18</b>	<b>5.25</b>	<b>4.94</b>	Airflow, cfm NC	494 -	988 -	1482 -	1976 12	2470 20	2964 28	3458 34	3952 39	4446 44
<b>28x28</b>	<b>5.44</b>	<b>5.16</b>	Airflow, cfm NC	516 -	1032 -	1548 -	2064 12	2580 21	3096 28	3612 34	4128 40	4644 44
<b>42x20</b> 30x28	<b>5.83</b>	<b>5.51</b>	Airflow, cfm NC	551 -	1102 -	1653 -	2204 12	2755 21	3306 28	3857 34	4408 40	4959 44
<b>48x18</b> 36x24	<b>6</b>	<b>5.66</b>	Airflow, cfm NC	566 -	1132 -	1698 -	2264 12	2830 21	3396 28	3962 35	4528 40	5094 44
<b>30x30</b>	<b>6.25</b>	<b>5.94</b>	Airflow, cfm NC	594 -	1188 -	1782 -	2376 12	2970 21	3564 28	4158 35	4752 40	5346 44
<b>42x24</b> 36x28	<b>7</b>	<b>6.66</b>	Airflow, cfm NC	666 -	1332 -	1998 -	2664 13	3330 22	3996 29	4662 35	5328 40	5994 45
<b>46x22</b>	<b>7.03</b>	<b>6.68</b>	Airflow, cfm NC	668 -	1336 -	2004 -	2672 13	3340 22	4008 29	4676 35	5344 40	6012 45
<b>32x32</b>	<b>7.11</b>	<b>6.78</b>	Airflow, cfm NC	678 -	1356 -	2034 -	2712 13	3390 22	4068 29	4746 35	5424 40	6102 45
<b>36x30</b>	<b>7.5</b>	<b>7.16</b>	Airflow, cfm NC	716 -	1432 -	2148 -	2864 14	3580 23	4296 30	5012 36	5728 41	6444 46
<b>48x24</b> 36x32	<b>8</b>	<b>7.63</b>	Airflow, cfm NC	763 -	1526 -	2289 -	3052 14	3815 23	4578 30	5341 36	6104 41	6867 46
34x34	<b>8.03</b>	<b>7.68</b>	Airflow, cfm NC	768 -	1536 -	2304 -	3072 14	3840 23	4608 30	5376 36	6144 41	6912 46
<b>36x34</b>	<b>8.5</b>	<b>8.14</b>	Airflow, cfm NC	814 -	1628 -	2442 -	3256 14	4070 23	4884 30	5698 36	6512 41	7326 46
<b>42x30</b>	<b>8.75</b>	<b>8.38</b>	Airflow, cfm NC	838 -	1676 -	2514 -	3352 14	4190 23	5028 30	5866 36	6704 41	7542 46
<b>36x36</b>	<b>9</b>	<b>8.63</b>	Airflow, cfm NC	863 -	1726 -	2589 -	3452 14	4315 23	5178 30	6041 36	6904 41	7767 46
42x34 <b>48x30</b>	<b>10</b>	<b>9.6</b>	Airflow, cfm NC	960 -	1920 -	2880 -	3840 14	4800 23	5760 30	6720 36	7680 41	8640 46
<b>38x38</b>	<b>10.03</b>	<b>9.64</b>	Airflow, cfm NC	964 -	1928 -	2892 -	3856 14	4820 23	5784 30	6748 36	7712 41	8676 46
<b>42x36</b>	<b>10.5</b>	<b>10.1</b>	Airflow, cfm NC	1010 -	2020 -	3030 -	4040 15	5050 23	6060 31	7070 37	8080 42	9090 47
<b>46x34</b>	<b>10.86</b>	<b>10.45</b>	Airflow, cfm NC	1045 -	2090 -	3135 -	4180 15	5225 23	6270 31	7315 37	8360 42	9405 47
<b>42x38</b>	<b>11.08</b>	<b>10.67</b>	Airflow, cfm NC	1067 -	2134 -	3201 -	4268 15	5335 23	6402 31	7469 37	8536 42	9603 47
<b>40x40</b>	<b>11.11</b>	<b>10.7</b>	Airflow, cfm NC	1070 -	2140 -	3210 -	4280 15	5350 23	6420 31	7490 37	8560 42	9630 47
<b>48x36</b>	<b>12</b>	<b>11.57</b>	Airflow, cfm NC	1157 -	2314 -	3471 -	4628 15	5785 23	6942 31	8099 37	9256 42	10413 47
<b>42x42</b>	<b>12.25</b>	<b>11.82</b>	Airflow, cfm NC	1182 -	2364 -	3546 -	4728 15	5910 24	7092 31	8274 37	9456 42	10638 47
<b>44x44</b>	<b>13.44</b>	<b>12.99</b>	Airflow, cfm NC	1299 -	2598 -	3897 -	5196 15	6495 24	7794 32	9093 38	10392 43	11691 48
<b>48x42</b>	<b>14</b>	<b>13.54</b>	Airflow, cfm NC	1354 -	2708 -	4062 -	5416 16	6770 24	8124 32	9478 38	10832 43	12186 48
<b>46x46</b>	<b>14.69</b>	<b>14.22</b>	Airflow, cfm NC	1422 -	2844 -	4266 -	5688 16	7110 25	8532 32	9954 39	11376 44	12798 48
<b>48x46</b>	<b>15.33</b>	<b>14.85</b>	Airflow, cfm NC	1485 -	2970 -	4455 -	5940 16	7425 25	8910 32	10395 39	11880 44	13365 48
<b>48x48</b>	<b>16</b>	<b>15.5</b>	Airflow, cfm NC	1550 -	3100 -	4650 -	6200 16	7750 25	9300 32	10850 39	12400 44	13950 48

• Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006

• NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

355ZR AND 355ZF

PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-10			NC-20			NC-30		
				300 0.006 0.013	400 0.010 0.022	500 0.016 0.035	600 0.022 0.050	700 0.031 0.068	800 0.040 0.089	900 0.050 0.113	1000 0.062 0.140	1100 0.075 0.169
<b>6x6</b>	<b>0.25</b>	<b>0.19</b>	Airflow, cfm NC	57 -	76 -	95 -	114 12	133 16	152 20	171 23	190 25	209 28
<b>8x6</b>	<b>0.33</b>	<b>0.26</b>	Airflow, cfm NC	78 -	104 -	130 -	156 13	182 17	208 21	234 24	260 27	286 29
<b>10x6</b>	<b>0.42</b>	<b>0.34</b>	Airflow, cfm NC	102 -	136 -	170 -	204 15	238 19	272 22	306 24	340 28	374 31
<b>8x8</b>	<b>0.44</b>	<b>0.37</b>	Airflow, cfm NC	111 -	148 -	185 -	222 15	259 19	296 23	333 26	370 28	407 31
<b>12x6</b>	<b>0.5</b>	<b>0.41</b>	Airflow, cfm NC	123 -	164 -	205 11	246 15	287 19	328 23	369 26	410 29	451 31
<b>14x6</b>	<b>0.58</b>	<b>0.48</b>	Airflow, cfm NC	144 -	192 -	240 11	288 16	336 20	384 24	432 27	480 30	528 32
<b>16x6</b>			Airflow, cfm	171	228	285	342	399	456	513	570	627
<b>12x8</b>	<b>0.67</b>	<b>0.57</b>	NC	-	-	12	17	21	24	27	30	33
			Airflow, cfm	177	236	295	354	413	472	531	590	649
<b>10x10</b>	<b>0.69</b>	<b>0.59</b>	NC	-	-	12	17	21	25	28	30	33
			Airflow, cfm	189	252	315	378	441	504	567	630	693
<b>18x6</b>	<b>0.75</b>	<b>0.63</b>	NC	-	-	12	17	21	25	28	31	33
			Airflow, cfm	216	288	360	432	504	576	648	720	792
<b>20x6</b>			NC	-	-	13	18	22	25	29	31	34
			Airflow, cfm	231	308	385	462	539	616	693	770	847
<b>22x6</b>	<b>0.92</b>	<b>0.77</b>	NC	-	-	13	18	22	26	29	32	34
			Airflow, cfm	264	352	440	528	616	704	792	880	968
<b>24x6</b>			NC	-	-	14	19	23	26	29	32	35
			Airflow, cfm	333	444	555	666	777	888	999	1110	1221
<b>18x10</b>	<b>1.25</b>	<b>1.11</b>	NC	-	-	15	20	24	27	30	33	36
			Airflow, cfm	366	488	610	732	854	976	1098	1220	1342
<b>14x14</b>	<b>1.36</b>	<b>1.22</b>	NC	-	-	15	20	24	28	31	34	36
			Airflow, cfm	405	540	675	810	945	1080	1215	1350	1485
<b>36x6</b>			NC	-	-	16	21	25	28	31	34	37
			Airflow, cfm	411	548	685	822	959	1096	1233	1370	1507
<b>22x10</b>	<b>1.53</b>	<b>1.37</b>	NC	-	-	16	21	25	28	31	34	37
			Airflow, cfm	447	596	745	894	1043	1192	1341	1490	1639
<b>30x8</b>			NC	-	-	16	21	25	29	32	34	37
			Airflow, cfm	477	636	795	954	1113	1272	1431	1590	1749
<b>18x14</b>	<b>1.75</b>	<b>1.59</b>	NC	-	-	17	21	25	29	32	35	37
			Airflow, cfm	486	648	810	972	1134	1296	1458	1620	1782
<b>16x16</b>	<b>1.78</b>	<b>1.62</b>	NC	-	-	17	21	25	29	32	35	37
			Airflow, cfm	546	728	910	1092	1274	1456	1638	1820	2002
<b>24x12</b>	<b>2</b>	<b>1.82</b>	NC	-	-	17	22	26	29	33	35	38
			Airflow, cfm	621	828	1035	1242	1449	1656	1863	2070	2277
<b>18x18</b>	<b>2.25</b>	<b>2.07</b>	NC	-	-	18	22	26	30	33	36	38
			Airflow, cfm	642	856	1070	1284	1498	1712	1926	2140	2354
<b>24x14</b>	<b>2.33</b>	<b>2.14</b>	NC	-	-	18	23	27	30	33	36	39
			Airflow, cfm	687	916	1145	1374	1603	1832	2061	2290	2519
<b>30x12</b>	<b>2.5</b>	<b>2.29</b>	NC	-	-	18	23	27	30	34	36	39
			Airflow, cfm	738	984	1230	1476	1722	1968	2214	2460	2706
<b>24x16</b>	<b>2.67</b>	<b>2.46</b>	NC	-	-	18	23	27	31	34	37	39
			Airflow, cfm	771	1028	1285	1542	1799	2056	2313	2570	2827
<b>20x20</b>	<b>2.78</b>	<b>2.57</b>	NC	-	-	19	23	27	31	34	37	39
			Airflow, cfm	825	1100	1375	1650	1925	2200	2475	2750	3025
<b>36x12</b>	<b>3</b>	<b>2.75</b>	NC	-	-	19	24	28	31	34	37	40
			Airflow, cfm	933	1244	1555	1866	2177	2488	2799	3110	3421
<b>30x16</b>	<b>3.33</b>	<b>3.11</b>	NC	-	-	19	24	28	32	35	38	40
			Airflow, cfm	942	1256	1570	1884	2198	2512	2826	3140	3454
<b>22x22</b>	<b>3.36</b>	3.14	NC	-	-	19	24	28	32	35	38	40
			Airflow, cfm	966	1288	1610	1932	2254	2576	2898	3220	3542
<b>42x12</b>	<b>3.5</b>	3.22	NC	-	-	20	24	28	32	35	38	40
			Airflow, cfm	1029	1372	1715	2058	2401	2744	3087	3430	3773
<b>24x22</b>	<b>3.67</b>	<b>3.43</b>	NC	-	-	20	25	29	32	35	38	41
			Airflow, cfm	1050	1400	1750	2100	2450	2800	3150	3500	3850
<b>30x18</b>	<b>3.75</b>	<b>3.5</b>	NC	-	-	20	25	29	32	35	38	41

NC-40

- Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006.
- NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006.

355ZR AND 355ZF  
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

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Nominal Duct Size (in.)	Nominal Duct Area (ft <sup>2</sup> )	Core Area (ft <sup>2</sup> )	Core Velocity Velocity Pressure Neg. Static Pressure	NC-10		NC-20		NC-30		NC-40			
				300 0.006 0.013	400 0.010 0.022	500 0.016 0.035	600 0.022 0.050	700 0.031 0.068	800 0.040 0.089	900 0.050 0.113	1000 0.062 0.140	1100 0.075 0.169	
<b>42x18</b>	<b>5.25</b>	<b>4.94</b>	Airflow, cfm NC	1482 -	1976 16	2470 21	2964 26	3458 30	3952 34	4446 37	4940 40	5434 42	
<b>28x28</b>	<b>5.44</b>	<b>5.16</b>	Airflow, cfm NC	1548 -	2064 16	2580 22	3096 26	3612 30	4128 34	4644 37	5160 40	5676 42	
<b>42x20</b> <b>30x28</b>	<b>5.83</b>	<b>5.51</b>	Airflow, cfm NC	1653 -	2204 16	2755 22	3306 27	3857 31	4408 34	4959 37	5510 40	6061 43	
<b>48x18</b> <b>36x24</b>	<b>6</b>	<b>5.66</b>	Airflow, cfm NC	1698 -	2264 16	2830 22	3396 27	3962 31	4528 34	5094 37	5660 40	6226 43	
<b>30x30</b>	<b>6.25</b>	<b>5.94</b>	Airflow, cfm NC	1782 -	2376 16	2970 22	3564 27	4158 31	4752 35	5346 38	5940 40	6534 43	
<b>42x24</b> <b>36x28</b>	<b>7</b>	<b>6.66</b>	Airflow, cfm NC	1998 -	2664 17	3330 23	3996 28	4662 32	5328 35	5994 38	6660 41	7326 43	
<b>46x22</b>	<b>7.03</b>	<b>6.68</b>	Airflow, cfm NC	2004 -	2672 17	3340 23	4008 28	4676 32	5344 35	6012 38	6680 41	7348 43	
<b>32x32</b>	<b>7.11</b>	6.78	Airflow, cfm NC	2034 -	2712 17	3390 23	4068 28	4746 32	5424 35	6102 38	6780 41	7458 44	
<b>36x30</b>	<b>7.5</b>	7.16	Airflow, cfm NC	2148 -	2864 17	3580 23	4296 28	5012 32	5728 35	6444 38	7160 41	7876 44	
<b>48x24</b> <b>36x32</b>	<b>8</b>	7.63	Airflow, cfm NC	2289 -	3052 17	3815 23	4578 28	5341 32	6104 36	6867 39	7630 42	8393 44	
<b>34x34</b>	<b>8.03</b>	7.68	Airflow, cfm NC	2304 -	3072 18	3840 23	4608 28	5376 32	6144 36	6912 39	7680 42	8448 44	
<b>36x34</b>	<b>8.5</b>	<b>8.14</b>	Airflow, cfm NC	2442 -	3256 18	4070 24	4884 28	5698 32	6512 36	7326 39	8140 42	8954 44	
<b>42x30</b>	<b>8.75</b>	<b>8.38</b>	Airflow, cfm NC	2514 -	3352 18	4190 24	5028 29	5866 33	6704 36	7542 39	8380 42	9218 44	
<b>36x36</b>	<b>9</b>	<b>8.63</b>	Airflow, cfm NC	2589 -	3452 18	4315 24	5178 29	6041 33	6904 36	7767 39	8630 42	9493 45	
<b>42x34</b> <b>48x30</b>	<b>10</b>	<b>9.6</b>	Airflow, cfm NC	2880 11	3840 18	4800 24	5760 29	6720 33	7680 37	8640 40	9600 43	10560 45	
<b>38x38</b>	<b>10.03</b>	<b>9.64</b>	Airflow, cfm NC	2892 11	3856 18	4820 24	5784 29	6748 33	7712 37	8676 40	9640 43	10604 45	
<b>42x36</b>	<b>10.5</b>	<b>10.1</b>	Airflow, cfm NC	3030 11	4040 19	5050 25	6060 29	7070 33	8080 37	9090 40	10100 43	11110 45	
<b>46x34</b>	<b>10.86</b>	<b>10.45</b>	Airflow, cfm NC	3135 11	4180 19	5225 25	6270 29	7315 34	8360 37	9405 40	10450 43	11495 45	
<b>42x38</b>	<b>11.08</b>	<b>10.67</b>	Airflow, cfm NC	3201 11	4268 19	5335 25	6402 30	7469 34	8536 37	9603 40	10670 43	11737 45	
<b>40x40</b>	<b>11.11</b>	<b>10.7</b>	Airflow, cfm NC	3210 11	4280 19	5350 25	6420 30	7490 34	8560 37	9630 40	10700 43	11770 45	
<b>48x36</b>	<b>12</b>	<b>11.57</b>	Airflow, cfm NC	3471 12	4628 19	5785 25	6942 30	8099 34	9256 37	10413 41	11570 43	12727 46	
<b>42x42</b>	<b>12.25</b>	<b>11.82</b>	Airflow, cfm NC	3546 12	4728 19	5910 25	7092 30	8274 34	9456 38	10638 41	11820 43	13002 46	
<b>44x44</b>	<b>13.44</b>	<b>12.99</b>	Airflow, cfm NC	3897 12	5196 20	6495 26	7794 30	9093 34	10392 38	11691 41	12990 44	14289 46	
<b>48x42</b>	<b>14</b>	<b>13.54</b>	Airflow, cfm NC	4062 12	5416 20	6770 26	8124 31	9478 35	10832 38	12186 41	13540 44	14894 47	
<b>46x46</b>	<b>14.69</b>	<b>14.22</b>	Airflow, cfm NC	4266 13	5688 20	7110 26	8532 31	9954 35	11376 38	12798 41	14220 44	15642 47	
<b>48x46</b>	<b>15.33</b>	<b>14.85</b>	Airflow, cfm NC	4455 13	5940 20	7425 26	8910 31	10395 35	11880 39	13365 42	14850 44	16335 47	
<b>48x48</b>	<b>16</b>	<b>15.5</b>	Airflow, cfm NC	4650 13	6200 21	7750 26	9300 31	10850 35	12400 39	13950 42	15500 45	17050 47	

• Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006

• NC based on room absorption of 10 dB, re 10<sup>-12</sup> watts, measured per ANSI/ASHRAE Standard 70-2006

