

# Model GHD - 40 Degree Deflection

## Supply Performance Data

Nominal Size		Nom Duct Area, ft2	Core Vel, fpm	300	400	500	600	700	800	900
W Width	H Height			Ps	0.05	0.09	0.13	0.19	0.26	0.34
6"	6"	0.25	CFM	47	63	78	94	110	125	141
			NC	<20	23	29	34	39	42	46
8"	8"	0.44	CFM	95	127	158	190	221	253	285
			NC	<20	26	33	38	42	45	49
10"	8"	0.56	CFM	123	164	205	246	287	328	369
			NC	20	28	34	39	43	47	50
10"	10"	0.69	CFM	160	213	266	319	372	425	479
			NC	21	29	35	40	44	48	51
12"	12"	1.00	CFM	241	321	401	482	562	642	722
			NC	23	30	37	42	46	49	53
14"	14"	1.36	CFM	339	452	564	677	790	903	1016
			NC	24	32	38	43	47	51	54
18"	14"	1.75	CFM	445	593	742	890	1038	1186	1335
			NC	25	33	39	44	48	52	55
18"	18"	2.25	CFM	585	779	974	1169	1364	1559	1754
			NC	26	34	40	45	50	53	57
20"	20"	2.78	CFM	732	977	1221	1465	1709	1953	2197
			NC	27	35	41	46	51	54	58
24"	24"	4.00	CFM	1078	1438	1797	2157	2516	2875	3235
			NC	29	37	43	48	52	56	59
32"	32"	7.11	CFM	1970	2627	3283	3940	4596	5253	5910
			NC	32	40	46	51	55	59	62

Data determined in accordance with ANSI/ASHRAE Standard 70-1991

Data based on Actual Neck Size = Nominal Neck Size - 1/4"

Ps - Static Pressure, inches w.g.

NC - Noise Criteria based on room attenuation of 10 dB



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## Model GHD40/ 40 Degree - 1/2" Spacing / Return Performance Data

Nominal Size		Nom Duct ft2	Core Area ft2	Core Vel,fpm	200	300	400	500	600	700	800
Width	Height			Ps	-0.03	-0.06	-0.11	-0.18	-0.26	-0.35	-0.46
6"	6"	0.25	0.16	CFM	30	50	60	80	90	110	130
				NC	<20	<20	23	29	34	39	42
8"	8"	0.44	0.32	CFM	60	90	130	160	190	220	250
				NC	<20	<20	26	33	38	42	45
12"	6"	0.50	0.35	CFM	70	110	140	180	210	250	280
				NC	<20	<20	27	33	38	42	46
10"	10"	0.69	0.53	CFM	110	160	210	270	320	370	430
				NC	<20	21	29	35	40	44	48
18"	6"	0.75	0.55	CFM	110	170	220	280	330	390	440
				NC	<20	21	29	35	40	44	48
12"	12"	1.00	0.80	CFM	160	240	320	400	480	560	640
				NC	<20	23	30	37	42	46	49
14"	14"	1.36	1.13	CFM	230	340	450	560	680	790	900
				NC	<20	24	32	38	43	47	51
18"	12"	1.50	1.25	CFM	250	380	500	630	750	880	1000
				NC	<20	25	32	39	44	48	51
24"	10"	1.67	1.38	CFM	280	410	550	690	830	970	1110
				NC	<20	25	33	39	44	48	52
24"	12"	2.00	1.70	CFM	340	510	680	850	1020	1190	1360
				NC	<20	26	34	40	45	49	53
30"	12"	2.50	2.15	CFM	430	640	860	1070	1290	1500	1720
				NC	<20	27	35	41	46	50	54
24"	24"	4.00	3.59	CFM	720	1080	1440	1800	2160	2520	2880
				NC	<20	29	37	43	48	52	56
30"	30"	6.25	5.74	CFM	1150	1720	2300	2870	3440	4020	4590
				NC	20	31	39	45	50	54	58
48"	24"	8.00	7.39	CFM	1480	2220	2950	3690	4430	5170	5910
				NC	21	32	40	46	51	55	59
38"	38"	10.03	9.38	CFM	1880	2810	3750	4690	5630	6570	7500
				NC	22	33	41	47	52	56	60
48"	36"	12.00	11.28	CFM	2260	3380	4510	5640	6770	7900	9030
				NC	23	34	42	48	53	57	61
48"	42"	14.00	13.23	CFM	2650	3970	5290	6610	7940	9260	10580
				NC	24	35	43	49	54	58	62
48"	48"	16.00	15.18	CFM	3040	4550	6070	7590	9110	10620	12140
				NC	24	35	43	49	54	59	62

-Data determined in accordance with ANSI/ASHRAE Standard 70-91

-NC noise criteria based on room attenuation of 10 dB from sound power levels, re:10-12 watts

-Ps is static pressure, inches of water



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## Model GHD - 0 Degree Deflection - Supply Performance Data

Duct Size	Nom Duct	Core Area	Core Vel	300	400	500	600	700	800	900	1000	1200	
6"	6"	0.25	0.16	Ps	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.13	
				CFM	50	60	80	90	110	130	140	160	190
				NC	<20	<20	<20	<20	<20	21	25	28	33
				Throw	5   8   14	6   10   15	9   13   18	10   13   19	12   15   21	13   16   23	14   17   23	14   18   25	16   19   27
8"	8"	0.44	0.32	CFM	90	130	160	190	220	250	280	320	380
				NC	<20	<20	<20	<20	20	24	28	31	36
				Throw	7   10   19	10   15   23	12   18   25	14   19   27	16   21   29	18   22   31	19   23   33	20   25   35	22   27   39
				CFM	120	160	210	250	290	330	370	410	490
10"	8"	0.56	0.41	NC	<20	<20	<20	<20	21	25	29	32	38
				Throw	8   12   22	11   16   25	14   20   29	16   22   31	19   24   34	21   25   36	22   27   38	23   28   40	25   31   44
				CFM	240	320	400	480	560	640	720	800	960
				NC	<20	<20	<20	<20	24	28	32	35	40
12"	12"	1.00	0.80	Throw	11   17   31	15   23   35	19   28   40	23   31   43	26   33   47	29   35   50	31   38   53	32   40   56	35   43   61
				CFM	330	440	550	660	770	880	990	1100	1320
				NC	<20	<20	<20	21	26	30	33	36	42
				Throw	13   20   36	18   27   42	22   33   46	27   36   51	31   39   55	34   42   59	36   44   62	38   46   66	42   51   72
16"	16"	1.78	1.51	CFM	450	600	760	910	1060	1210	1360	1510	1810
				NC	<20	<20	<20	22	27	31	35	38	43
				Throw	15   23   42	21   31   48	26   39   55	31   42   60	36   46   64	40   49   69	42   52   73	44   54   77	49   60   84
				CFM	580	770	960	1150	1340	1540	1730	1920	2300
20"	16"	2.22	1.92	NC	<20	<20	<20	23	28	32	36	39	44
				Throw	18   26   48	23   35   55	29   43   61	35   47   67	41   51   72	45   55   78	48   58   82	50   61   87	55   67   95
				CFM	730	980	1220	1460	1710	1950	2200	2440	2930
				NC	<20	<20	<20	24	29	33	37	40	45
20"	20"	2.78	2.44	Throw	20   30   53	26   40   62	33   49   69	39   53   76	46   58   82	50   62   87	54   66   93	56   69   98	62   76   107
				CFM	900	1200	1500	1790	2090	2390	2690	2990	3590
				NC	<20	<20	20	25	30	34	37	41	46
				Throw	22   33   59	29   44   69	37   54   77	44   59   84	51   64   91	56   68   97	59   73   103	63   77   108	68   84   119
24"	24"	4.00	3.59	CFM	1080	1440	1800	2160	2520	2880	3230	3590	4310
				NC	<20	<20	20	26	31	35	38	41	47
				Throw	24   36   65	32   48   75	40   59   84	48   65   92	56   70   99	61   75   106	65   80   113	68   84   119	75   92   130
				CFM	1200	1600	2000	2400	2800	3200	3600	4000	4800
32"	20"	4.44	4.00	NC	<20	<20	21	26	31	35	39	42	47
				Throw	25   38   69	34   51   79	42   63   89	51   69   97	59   74   105	65   79   112	69   84   119	72   89   125	79   97   137
				CFM	1270	1690	2110	2540	2960	3380	3800	4230	5070
				NC	<20	<20	21	27	31	35	39	42	48
28"	24"	4.67	4.23	Throw	26   39   71	35   52   81	43   64   91	52   71   100	61   76   108	66   81   115	70   86   122	74   91   129	81   100   141
				CFM	1480	1980	2470	2960	3460	3950	4450	4940	5930
				NC	<20	<20	22	27	32	36	40	43	48
				Throw	28   42   76	38   56   88	47   70   98	56   76   108	66   82   116	72   88   124	76   93   132	80   98   139	88   108   152
30"	28"	5.83	5.34	CFM	1600	2140	2670	3200	3740	4270	4810	5340	6410
				NC	<20	<20	22	28	32	36	40	43	49
				Throw	29   44   79	39   59   92	49   72   102	58   79   112	68   86   121	75   91   129	79   97   137	84   102   145	92   112   159
				CFM	1840	2460	3070	3680	4300	4910	5530	6140	7370
32"	30"	6.67	6.14	NC	<20	<20	23	28	33	37	41	44	49
				Throw	31   47   85	42   63   98	52   78   110	63   85   120	73   92   130	80   98   139	85   104   147	90   110   155	98   120   170
				CFM	2050	2730	3410	4100	4780	5460	6140	6830	8190
				NC	<20	<20	23	29	33	38	41	44	50
38"	28"	7.39	6.83	Throw	33   50   90	44   66   103	55   82   116	66   90   127	77   97   137	84   103   146	90   110   155	94   116   164	103   127   179
				CFM	2480	3310	4140	4960	5790	6620	7450	8270	9930
				NC	<20	<20	24	30	34	38	42	45	51
				Throw	36   55   99	49   73   114	61   90   127	73   99   139	85   107   151	93   114   161	99   121   171	104   127   180	114   140   197
42"	36"	10.50	9.83	CFM	2950	3930	4920	5900	6880	7870	8850	9830	11800
				NC	<20	<20	25	30	35	39	43	46	51
				Throw	40   60   108	53   79   124	66   98   139	79   108   152	93   116   164	101   124   176	108   132   186	113   139   196	124   152   215
				CFM	3130	4170	5210	6260	7300	8340	9380	10430	12510
40"	40"	11.11	10.43	NC	<20	<20	25	31	35	39	43	46	52
				Throw	41   61   111	54   82   128	68   101   143	82   111   157	95   120   169	104   128   181	111   136   192	117   143   202	128   157   221
				CFM	4550	6070	7590	9110	10620	12140	13660	15180	18210
				NC	<20	20	27	32	37	41	45	48	53
48"	48"	16.00	15.18	Throw	49   74   134	66   99   154	82   122   172	99   134   189	115   144   204	126   154   218	134   164   231	141   172   244	154   189   267
				CFM	6890	9190	11480	13780	16080	18380	20670	22970	27560
				NC	<20	22	29	34	39	43	46	50	55
				Throw	61   91   164	81   121   190	101   150   212	121   164   232	141   178   251	155   190   268	164   201   285	173   212   300	190   232   329
96"	48"	32.00	30.76	CFM	9230	12300	15380	18460	21530	24610	27680	30760	36910
				NC	<20	23	30	35	40	44	48	51	56
				Throw	70   105   190	94   140   220	117   174   246	140   190   269	164   205   291	179   220   311	190   233   329	200   246   347	220   269   380

- Data Determined in accordance with ANSI/ASHRAE Standard 70-91.
- NC noise criteria based on a room attenuation of 10 dB from sound power levels, re: 10-12 watts.
- Ps is static pressure, inches of water.
- Throw values shown are in feet, to terminal velocities Vt = 150, 100, & 50 fpm, respectively.
- Core Vel is velocity in feet per minute.
- For 15 degree upward deflection (Model GHD15), use throw ratings as shown, increase Ps x 1.15, add +NC2
- For other sizes not shown, use equivalent core area.



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## MODEL GHD0 - 0 Degree Deflection - Return Performance Data

Nominal Size		Nom Duct ft2	Core Area ft2	Core Vel, fpm	300	400	500	600	700	800	900	1000	1200
W Width	H Height			Ps	-0.01	-0.02	-0.03	-0.04	-0.06	-0.08	-0.10	-0.12	-0.18
6	6	0.25	0.16	CFM	50	60	80	90	110	130	140	160	190
				NC	<20	<20	<20	<20	<20	21	24	27	31
8	8	0.44	0.32	CFM	90	130	160	190	220	250	280	320	380
				NC	<20	<20	<20	<20	20	24	27	30	34
12	6	0.50	0.35	CFM	110	140	180	210	250	280	320	350	430
				NC	<20	<20	<20	<20	21	24	27	30	35
10	10	0.69	0.53	CFM	160	210	270	320	370	430	480	530	640
				NC	<20	<20	<20	<20	23	26	29	32	37
18	6	0.75	0.55	CFM	170	220	280	330	390	440	500	550	660
				NC	<20	<20	<20	<20	23	26	29	32	37
12	12	1.00	0.80	CFM	240	320	400	480	560	640	720	800	960
				NC	<20	<20	<20	20	24	28	31	34	38
14	14	1.36	1.13	CFM	340	450	560	680	790	900	1020	1130	1350
				NC	<20	<20	<20	22	26	29	32	35	40
18	12	1.50	1.25	CFM	380	500	630	750	880	1000	1130	1250	1500
				NC	<20	<20	<20	22	26	30	33	36	40
24	10	1.67	1.38	CFM	410	550	690	830	970	1110	1240	1380	1660
				NC	<20	<20	<20	23	27	30	33	36	41
24	12	2.00	1.70	CFM	510	680	850	1020	1190	1360	1530	1700	2040
				NC	<20	<20	<20	24	28	31	34	37	42
30	12	2.50	2.15	CFM	640	860	1070	1290	1500	1720	1930	2150	2580
				NC	<20	<20	20	25	29	32	35	38	43
24	24	4.00	3.59	CFM	1080	1440	1800	2160	2520	2880	3230	3590	4310
				NC	<20	<20	22	27	31	34	37	40	45
30	30	6.25	5.74	CFM	1720	2300	2870	3440	4020	4590	5170	5740	6890
				NC	<20	<20	24	29	33	36	40	42	47
48	24	8.00	7.39	CFM	2220	2950	3690	4430	5170	5910	6650	7390	8860
				NC	<20	20	25	30	34	38	41	43	48
38	38	10.03	9.38	CFM	2810	3750	4690	5630	6570	7500	8440	9380	11250
				NC	<20	21	26	31	35	39	42	44	49
48	36	12.00	11.28	CFM	3380	4510	5640	6770	7900	9030	10150	11280	13540
				NC	<20	21	27	32	36	39	42	45	50
48	42	14.00	13.23	CFM	3970	5290	6610	7940	9260	10580	11910	13230	15880
				NC	<20	22	28	33	37	40	43	46	51
48	48	16.00	15.18	CFM	4550	6070	7590	9110	10620	12140	13660	15180	18210
				NC	<20	23	28	33	37	41	44	46	51

-Data determined in accordance with ANSI/ASHRAE Standard 70-91

-NC noise criteria based on room attenuation of 10 dB from sound power levels, re:10-12 watts

-Ps is static pressure, inches of water



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# Model FHD - 0 Degree Deflection - Supply Performance Data

Duct Size	Nom Duct	Core Area	Core Vel	300	400	500	600	700	800	900	1000	1200	
6"	6"	0.25	0.22	Ps	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10	0.14
				CFM	70	90	110	130	150	170	200	220	260
				NC	<20	<20	<20	<20	23	27	31	34	39
				Throw	8 12 17	10 13 19	12 15 21	13 16 23	14 17 24	15 18 26	16 20 28	17 21 29	18 23 32
8"	8"	0.44	0.40	CFM	120	160	200	240	280	320	360	400	480
				NC	<20	<20	<20	21	26	30	33	37	42
				Throw	10 15 22	13 18 25	16 20 28	18 22 31	19 23 33	20 25 35	22 27 38	23 28 40	25 31 43
				CFM	150	200	250	300	350	410	460	510	610
10"	8"	0.56	0.51	NC	<20	<20	<20	22	27	31	34	38	43
				Throw	11 17 24	15 20 28	18 22 31	20 24 34	21 26 37	23 28 40	25 30 42	26 32 45	28 35 49
				CFM	280	370	470	560	650	750	840	930	1120
				NC	<20	<20	<20	25	29	34	37	40	46
12"	12"	1.00	0.93	Throw	15 23 33	20 27 38	25 30 43	27 33 47	29 36 50	31 38 54	33 41 57	35 43 60	38 47 66
				CFM	380	500	630	750	880	1010	1130	1260	1510
				NC	<20	<20	21	26	31	35	38	42	47
				Throw	18 27 39	23 31 44	29 35 50	31 38 54	34 42 59	36 44 63	38 47 67	41 50 70	44 54 77
16"	16"	1.78	1.69	CFM	510	680	850	1010	1180	1350	1520	1690	2030
				NC	<20	<20	22	27	32	36	40	43	48
				Throw	21 31 45	27 37 52	33 41 58	36 44 63	39 48 68	42 51 73	45 55 77	47 58 81	52 63 89
				CFM	640	850	1060	1270	1490	1700	1910	2120	2550
20"	16"	2.22	2.12	NC	<20	<20	23	28	33	37	41	44	49
				Throw	23 35 50	31 41 58	37 46 64	41 50 71	44 54 76	47 58 82	50 61 87	53 64 91	58 71 100
				CFM	800	1070	1330	1600	1870	2130	2400	2670	3200
				NC	<20	<20	24	29	34	38	42	45	50
20"	20"	2.78	2.67	Throw	26 39 56	34 46 65	42 51 72	46 56 79	49 61 86	53 65 91	56 69 97	59 72 102	65 79 112
				CFM	970	1300	1620	1940	2270	2590	2920	3240	3890
				NC	<20	<20	25	30	35	39	42	46	51
				Throw	28 42 62	38 50 71	46 56 80	50 62 87	54 67 94	58 71 101	62 76 107	65 80 113	71 87 123
22"	22"	3.36	3.24	CFM	1160	1550	1930	2320	2710	3090	3480	3870	4640
				NC	<20	<20	25	31	36	40	43	46	52
				Throw	31 46 67	41 55 78	50 62 87	55 67 95	60 73 103	64 78 110	67 83 117	71 87 123	78 95 135
				CFM	1290	1720	2150	2580	3010	3440	3870	4300	5160
32"	20"	4.44	4.30	NC	<20	<20	26	31	36	40	44	47	52
				Throw	33 49 71	44 58 82	53 65 92	58 71 101	63 77 109	67 82 116	71 87 123	75 92 130	82 101 142
				CFM	1360	1810	2260	2710	3170	3620	4070	4520	5430
				NC	<20	<20	26	32	36	40	44	47	53
28"	24"	4.67	4.52	Throw	34 50 73	45 60 84	54 67 94	60 73 103	64 79 111	69 84 119	73 89 126	77 94 133	84 103 146
				CFM	1580	2100	2630	3160	3680	4210	4740	5260	6310
				NC	<20	20	27	32	37	41	45	48	53
				Throw	36 54 79	48 64 91	59 72 102	64 79 111	69 85 120	74 91 128	79 96 136	83 102 144	91 111 157
30"	28"	5.83	5.67	CFM	1700	2270	2840	3400	3970	4540	5110	5670	6810
				NC	<20	20	27	33	37	41	45	48	54
				Throw	37 56 82	50 67 94	61 75 106	67 82 115	72 88 125	77 94 133	82 100 142	86 105 149	94 116 163
				CFM	1950	2600	3250	3900	4550	5200	5850	6500	7790
32"	30"	6.67	6.50	NC	<20	21	28	33	38	42	46	49	54
				Throw	40 60 87	54 71 101	65 80 113	71 87 124	77 94 134	82 101 143	87 107 151	92 113 160	101 124 175
				CFM	2160	2880	3600	4320	5040	5770	6490	7210	8650
				NC	<20	21	28	34	38	42	46	49	55
38"	28"	7.39	7.21	Throw	42 63 92	56 75 106	69 84 119	75 92 130	81 99 141	87 106 150	92 113 160	97 119 168	106 130 184
				CFM	2610	3480	4350	5210	6080	6950	7820	8690	10430
				NC	<20	22	29	34	39	43	47	50	55
				Throw	46 70 101	62 83 117	75 92 131	83 101 143	89 109 154	95 117 165	101 124 175	107 131 185	117 143 202
40"	32"	8.89	8.69	CFM	3090	4110	5140	6170	7200	8230	9260	10280	12340
				NC	<20	23	30	35	40	44	47	51	56
				Throw	51 76 110	67 90 127	82 100 142	90 110 156	97 119 168	104 127 180	110 135 191	116 142 201	127 156 220
				CFM	3270	4360	5450	6530	7620	8710	9800	10890	13070
40"	40"	11.11	10.89	NC	<20	23	30	35	40	44	48	51	56
				Throw	52 78 113	69 92 131	84 103 146	92 113 160	100 122 173	107 131 185	113 139 196	119 146 207	131 160 226
				CFM	4720	6290	7870	9440	11010	12590	14160	15730	18880
				NC	<20	25	32	37	42	46	49	53	58
48"	48"	16.00	15.73	Throw	62 94 136	83 111 157	101 124 176	111 136 192	120 147 208	128 157 222	136 167 236	143 176 248	157 192 272
				CFM	7100	9470	11830	14200	16570	18930	21300	23670	28400
				NC	<20	27	33	39	44	48	51	54	60
				Throw	77 115 167	102 136 193	124 152 215	136 167 236	147 180 255	157 193 272	167 204 289	176 215 305	193 236 334
72"	48"	24.00	23.67	CFM	9480	12640	15800	18960	22120	25280	28440	31600	37920
				NC	<20	28	35	40	45	49	52	56	61
				Throw	89 133 193	118 157 223	144 176 249	157 193 273	170 208 294	182 223 315	193 236 334	203 249 352	223 273 386
				CFM	9480	12640	15800	18960	22120	25280	28440	31600	37920
96"	48"	32.00	31.60	NC	<20	28	35	40	45	49	52	56	61
				Throw	89 133 193	118 157 223	144 176 249	157 193 273	170 208 294	182 223 315	193 236 334	203 249 352	223 273 386

- Data Determined in accordance with ANSI/ASHRAE Standard 70-91.
- NC noise criteria based on a room attenuation of 10 dB from sound power levels, re: 10-12 watts.
- Ps is static pressure, inches of water.
- Throw values shown are in feet, to terminal velocities Vt = 150, 100, & 50 fpm, respectively.
- Core Vel is velocity in feet per minute.
- For 15 degree upward deflection (Model GHD15), use throw ratings as shown, increase Ps x 1.15, add +NC2
- For other sizes not shown, use equivalent core area.



**KEES INCORPORATED**  
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## MODEL FHD0 / 0 Degree - 3/8" Spacing / Return Performance Data

Nominal Size		Nom Duct ft2	Core Area ft2	Core Vel, fpm	200	300	400	500	600	700	800	900	1000	1200
W Width	H Height			Ps	-0.01	-0.01	-0.02	-0.03	-0.05	-0.06	-0.08	-0.10	-0.13	-0.19
6	6	0.25	0.22	CFM	40	70	90	110	130	150	170	200	220	260
				NC	<20	<20	<20	<20	20	24	27	30	33	38
8	8	0.44	0.40	CFM	80	120	160	200	240	280	320	360	400	480
				NC	<20	<20	<20	<20	23	27	30	33	36	41
12	6	0.50	0.45	CFM	90	140	180	230	270	320	360	410	450	540
				NC	<20	<20	<20	<20	23	27	31	34	36	41
10	10	0.69	0.64	CFM	130	190	260	320	380	450	510	580	640	770
				NC	<20	<20	<20	20	25	29	32	35	38	43
18	6	0.75	0.68	CFM	140	210	270	340	410	480	550	620	680	820
				NC	<20	<20	<20	20	25	29	32	35	38	43
12	12	1.00	0.93	CFM	190	280	370	470	560	650	750	840	930	1120
				NC	<20	<20	<20	22	26	30	34	37	40	44
14	14	1.36	1.28	CFM	260	390	510	640	770	900	1030	1160	1280	1540
				NC	<20	<20	<20	23	28	32	35	38	41	46
18	12	1.50	1.42	CFM	280	430	570	710	850	990	1130	1280	1420	1700
				NC	<20	<20	<20	23	28	32	36	39	41	46
24	10	1.67	1.57	CFM	310	470	630	790	940	1100	1260	1420	1570	1890
				NC	<20	<20	<20	24	29	33	36	39	42	47
24	12	2.00	1.90	CFM	380	570	760	950	1140	1330	1520	1710	1900	2280
				NC	<20	<20	<20	25	29	33	37	40	43	47
30	12	2.50	2.38	CFM	480	720	950	1190	1430	1670	1910	2150	2380	2860
				NC	<20	<20	20	26	30	34	38	41	44	48
24	24	4.00	3.87	CFM	770	1160	1550	1930	2320	2710	3090	3480	3870	4640
				NC	<20	<20	22	28	32	36	40	43	46	50
30	30	6.25	6.08	CFM	1220	1830	2430	3040	3650	4260	4870	5480	6080	7300
				NC	<20	<20	24	30	34	38	42	45	48	52
48	24	8.00	7.80	CFM	1560	2340	3120	3900	4680	5460	6240	7020	7800	9360
				NC	<20	<20	25	31	35	39	43	46	49	53
38	38	10.03	9.82	CFM	1960	2950	3930	4910	5890	6870	7850	8840	9820	11780
				NC	<20	<20	26	32	36	40	44	47	50	54
48	36	12.00	11.77	CFM	2350	3530	4710	5880	7060	8240	9410	10590	11770	14120
				NC	<20	<20	27	33	37	41	45	48	51	55
48	42	14.00	13.75	CFM	2750	4130	5500	6880	8250	9630	11000	12380	13750	16500
				NC	<20	20	27	33	38	42	45	48	51	56
48	48	16.00	15.73	CFM	3150	4720	6290	7870	9440	11010	12590	14160	15730	18880
				NC	<20	21	28	34	39	43	46	49	52	57

-Data determined in accordance with ANSI/ASHRAE Standard 70-91

-NC noise criteria based on room attenuation of 10 dB from sound power levels, re:10-12 watts

-Ps is static pressure, inches of water



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