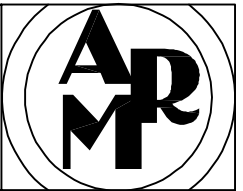


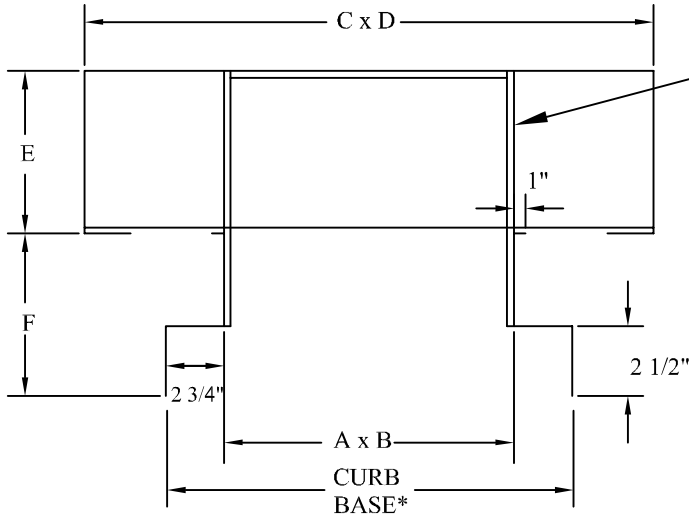
**AIR-RITE MANUFACTURING, LLC**

ROOF  
HOODS

# AIR-RITE MANUFACTURING



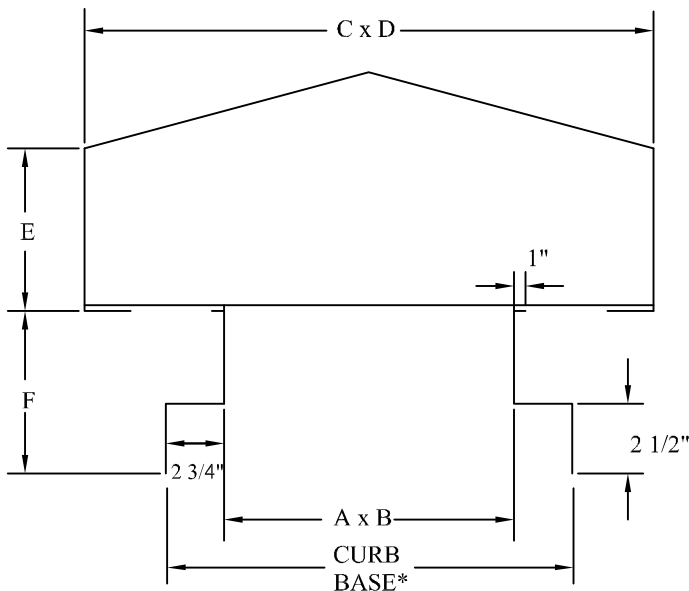
## SUBMITTAL/FABRICATION DETAIL: GRAVITY INTAKE, GRAVITY RELIEF HOODS MODEL: GIH-1, GRH-1 (TYPE 1 & 2)



**TYPE 1**

SIZE	GALVANIZED GUAGES		ALUMINUM GUAGES		ADDIT HOOD SUPPORT
	BASE	HOOD	BASE	HOOD	
$\frac{A \times B}{0 \text{ TO } 12}$ SQ. FT.	18	22	14	18	
$\frac{A \times B}{12 \text{ TO } 18}$ SQ. FT.	18	20	14	16	X
$\frac{A \times B}{\text{OVER } 18}$ SQ. FT.	18	18	14	14	X

\*TO BE 1 1/2" LARGER THAN CURB O.D.



**TYPE 2**

COUNT	SIZE

### Standard Construction (Typ. Type 1 & 2)

- ①-Standard galvanized steel.
- ②-1/2" x 19 ga. bird screen.
- ③-Sealed corners.
- ④-Welded curb cap.

### Optional Construction (Typ. Type 1 & 2)

- Paint Loc construction.
- Aluminum construction.
- Hinged bonnet.
- Interior condensate coating.
- Insulated bonnet.
- Washable filters size:
  - Alum.     Fiberglass
- Insect screen.
- Paint.

Union "Blue Label" Made.

PROJECT NAME: \_\_\_\_\_

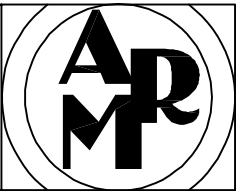
W/O #: \_\_\_\_\_

TAG #: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

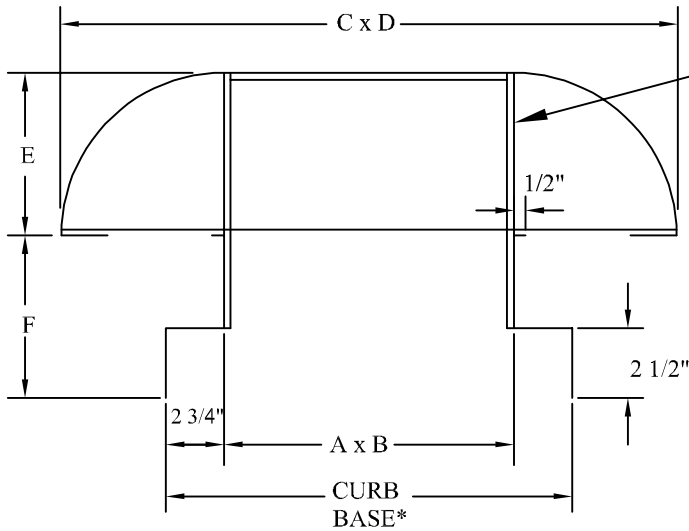
SUBMITTED BY: \_\_\_\_\_

# AIR-RITE MANUFACTURING



## SUBMITTAL/FABRICATION DETAIL:

MODEL: GRH-2, GIH-2 GRAVITY RELIEF HOODS (TYPE 3)



①

SIZE	GALVANIZED GUAGES		ALUMINUM GUAGES		ADDIT HOOD SUPPORT
	BASE	HOOD	BASE	HOOD	
A x B = 0 TO 12 SQ. FT.	18	22	14	18	
A x B = 12 TO 18 SQ. FT.	18	20	14	16	X
A x B = OVER 18 SQ. FT.	18	18	14	14	X

\*TO BE 1 1/2" LARGER THAN CURB O.D.

COUNT	SIZE

### Standard Construction (Typ. Type 1 & 2)

- ①-Standard galvanized steel.
- ②-1/2" x 19 ga. bird screen.
- ③-Sealed corners.
- ④-Welded curb cap.

### Optional Construction (Typ. Type 1 & 2)

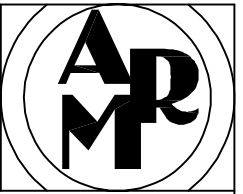
- Paint Loc construction.
- Aluminum construction.
- Hinged bonnet.
- Interior condensate coating.
- Insulated bonnet.
- Washable filters size:
  - Alum.     Fiberglass
- Insect screen.
- Paint.

Union "Blue Label" Made.

PROJECT NAME:
W/O #:
TAG #:
CONTRACTOR:
SUBMITTED BY:

AIR-RITE MFG. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

# AIR-RITE MANUFACTURING



**MODEL:            GIH-1, \*GIH-2**

## STANDARD HOOD PRICING

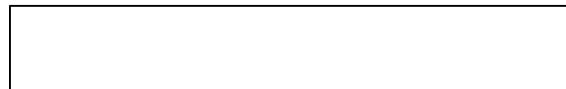
### INTAKE HOODS

	12"	16"	20"	24"	28"	32"	36"	40"	44"	48"	52"	56"	60"	64"	68"	72"
12"	452															
16"	476	494														
20"	494	518	538													
24"	506	534	560	648												
28"	526	556	582	692	730											
32"	542	574	626	724	760	886										
36"	576	644	734	800	886	920	984									
40"	598	692	752	872	918	952	1020	1036								
44"	610	758	780	906	952	986	1060	1074	1120							
48"	712	792	856	944	978	1022	1128	1160	1166	1428						
52"	730	856	906	978	1006	1060	1160	1202	1370	1622	1700					
56"	746	880	934	1010	1040	1096	1194	1244	1648	1676	1756	2178				
60"	852	940	1000	1088	1070	1124	1312	1666	1676	1782	1816	2240	2320			
64"	882	1002	1064	1122	1334	1392	1508	1728	1816	1936	1958	2304	2396	2524		
68"	906	1026	1126	1190	1364	1626	1702	1780	1870	1950	2016	2380	2450	2660	3012	
72"	964	1096	1150	1260	1592	1676	1754	1836	1926	1988	2418	2516	2588	2746	2980	3444
76"	1000	1112	1176	1402	1628	1704	1798	1956	2046	2122	2484	2580	2656	2814	3170	3492
80"	1030	1128	1350	1426	1666	1752	1840	2000	2090	2182	2548	2650	2724	2884	3408	3510
84"	1048	1290	1390	1460	1694	1798	1882	2060	2152	2246	2614	2716	2804	3384	3486	3588
88"	1196	1318	1414	1492	1744	1826	1926	2108	2198	2294	2668	2756	3024	3460	3564	3666
92"	1226	1340	1436	1520	1772	1880	1958	2140	2248	2360	2716	2984	3100	3536	3624	3750
96"	1252	1362	1460	1550	1800	1910	2100	2200	2296	2394	2940	3064	3156	3614	3704	3830

**\*GIH-2 CONSTRUCTION.....ADD 25%**

GALVANIZED CONSTRUCTION.....LIST  
 ALUMINUM CONSTRUCTION.....LIST x 50%  
 INSECT SCREEN.....LIST x 10%

HINGED.....1.25  
 UNDERCOAT.....1.25  
 FILTER.....1.34  
 ALUM. I.S.....1.20



# GIH-1 Specifications

Air-Rite MFG.

## Gravity Intake Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop				
				Non-ducted				
				0.023	0.1	0.18	0.28	0.42
				Ducted				
				0.021	0.049	0.085	0.14	0.195
				(FPM) Velocity				
200	300	400	500	600				
(CFM) Airflow								
12 x 12	26 x 26	15	1	400	600	810	985	1200
12 x 16	26 x 31	15	1.33	540	800	1050	1300	1600
12 x 18	26 x 35	15	1.5	600	900	1200	1550	1795
12 x 24	28 x 39	15	2	800	1210	1600	2000	2375
12 x 30	28 x 50	15	2.5	1000	1500	2000	2450	3000
12 x 32	28 x 50	15	2.67	1060	1600	2120	2650	3200
12 x 36	28 x 50	15	3	1175	1800	2400	3000	3550
12 x 42	28 x 65	15	3.5	1400	2050	2800	3500	4175
12 x 48	28 x 65	15	4	1600	2400	3200	4000	4800
12 x 54	30 x 70	15	4.5	1800	2650	3600	4475	5400
16 x 16	31 x 31	15	1.78	710	1070	1420	1780	2135
16 x 18	31 x 34	15	2	800	1200	1600	2000	2400
16 x 24	31 x 40	15	2.67	1070	1600	2135	2670	3200
16 x 30	31 x 50	15	3.33	1335	2005	2670	3335	4000
16 x 32	35 x 50	15	3.56	1425	2135	2845	3555	4270
16 x 36	35 x 50	15	4	1600	2400	3200	4000	4800
16 x 42	38 x 55	15	4.67	1870	2800	3735	4665	5600
16 x 48	38 x 60	15	5.33	2135	3200	4265	5335	6410
16 x 54	38 x 70	15	6	2400	3600	4800	6000	7200
16 x 60	38 x 75	15	6.67	2672	4000	5335	6670	7990
18 x 18	34 x 34	15	2.25	900	1350	1800	2250	2700
18 x 24	34 x 40	15	3	1200	1800	2400	3000	3590
18 x 30	34 x 50	15	3.75	1500	2250	3000	3750	4500
18 x 32	34 x 50	15	4	1600	2400	3200	4000	4800
18 x 36	36 x 55	15	4.5	1800	2700	3605	4505	5400
18 x 42	36 x 62	15	5.25	2100	3155	4210	5250	6300
18 x 48	38 x 65	15	6	2400	3610	4800	6000	7200
18 x 54	38 x 75	15	6.75	2700	4050	5400	6750	8100
18 x 60	38 x 80	15	7.5	3000	4500	6005	7500	9000
18 x 66	40 x 85	15	8.25	3300	4950	6610	8250	9900
24 x 24	45 x 45	15	4	1600	2400	3200	4010	4805
24 x 30	45 x 50	15	5	2000	3000	4005	5000	6010
24 x 32	45 x 50	15	5.33	2135	3200	4265	5335	6415
24 x 36	48 x 55	15	6	2400	3600	4800	6000	7220
24 x 42	48 x 62	15	7	2790	4200	5600	7000	8400
24 x 48	50 x 70	15	8	3200	4800	6400	8000	9600
24 x 54	50 x 75	15	9	3600	5400	7200	9000	10800
24 x 60	50 x 85	15	10	3990	6000	8000	10000	12000
24 x 66	50 x 95	15	11	4410	6600	8800	11000	13200
24 x 72	50 x 100	15	12	4800	7200	9600	12000	14400
30 x 30	55 x 55	15	6.25	2500	3750	5005	6250	7505
30 x 32	55 x 58	15	6.67	2665	4000	5335	6665	8010
30 x 36	55 x 60	15	7.5	3000	4500	6000	7500	9005
30 x 42	55 x 70	15	8.75	3500	5250	7000	8750	10510

# GIH-1 Specifications

Air-Rite MFG.

## Gravity Intake Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop				
				Non-ducted				
				0.023	0.1	0.18	0.28	0.42
				Ducted				
				0.021	0.049	0.085	0.14	0.195
				(FPM) Velocity				
200	300	400	500	600				
(CFM) Airflow								
30 x 48	55 x 78	15	10	4000	6000	8000	10000	12000
30 x 54	56 x 85	15	11.25	4500	6750	9000	11250	13500
30 x 60	58 x 90	15	12.5	5000	7500	10000	12500	15000
30 x 66	58 x 100	15	13.75	5500	8250	11000	13750	16500
30 x 72	60 x 104	15	15	5990	9000	12000	15005	18010
30 x 78	60 x 112	15	16.25	6510	9750	13000	16250	19500
32 x 32	59 x 59	15	7.11	2845	4265	5690	7115	8535
32 x 36	59 x 63	15	8	3200	4800	6400	8000	9605
32 x 42	60 x 75	15	9.33	3735	5600	7465	9335	11200
32 x 48	60 x 85	15	10.67	4270	6400	8530	10670	12800
32 x 54	60 x 85	15	12	4800	7200	9600	12000	14400
32 x 60	60 x 90	15	13.33	5335	8010	1065	1335	16005
32 x 66	60 x 100	15	14.67	5865	8790	11735	14670	17610
32 x 72	62 x 104	15	16	6400	9600	12800	16000	19215
32 x 78	62 x 112	15	17.33	6935	10400	13870	17335	20820
32 x 84	64 x 120	15	18.67	7470	11200	14935	18665	22405
36 x 36	66 x 66	15	9	3600	5400	7200	9000	10800
36 x 42	66 x 70	15	10.5	4200	6300	8400	10500	12600
36 x 48	66 x 80	15	12	4800	7200	9600	12000	14400
36 x 54	68 x 85	15	13.5	54500	8100	10800	13500	16200
36 x 60	68 x 95	15	15	6000	9000	12000	15000	18010
36 x 66	68 x 102	15	16.5	6600	9900	13200	16500	19800
36 x 72	68 x 112	15	18	7200	10800	14400	18000	21600
36 x 78	68 x 118	15	19.5	7800	11700	15600	19500	23400
36 x 84	70 x 125	15	21	8400	12600	16800	21000	25200
36 x 90	75 x 125	15	22.5	9000	13500	18000	22500	27000
42 x 42	76 x 76	15	12.25	4900	7350	9800	12250	14710
42 x 48	76 x 80	15	14	5600	8410	11200	14000	16805
42 x 54	76 x 85	15	15.75	6305	9450	12600	15750	18905
42 x 60	76 x 95	15	17.5	7005	10500	14000	17500	21000
42 x 66	78 x 107	15	19.25	7700	11550	15410	19250	23105
42 x 72	78 x 112	15	21	8400	12600	16815	21000	25200
42 x 78	78 x 125	15	22.75	9100	13650	18200	22750	27300
42 x 84	80 x 130	15	24.5	9800	14700	19600	24500	29405
42 x 90	80 x 137	15	26.25	10500	15750	21000	26250	31510
42 x 96	80 x 145	15	28	11200	16800	22400	28000	33605
48 x 48	84 x 84	15	16	6400	9600	12800	16000	19200
48 x 54	84 x 92	15	18	7200	10800	14400	18000	21600
48 x 60	84 x 102	15	20	8000	12000	16000	20005	24000
48 x 66	84 x 110	15	22	8800	13200	17600	22010	26400
48 x 72	86 x 120	15	24	9600	14400	19200	24000	28805
48 x 78	86 x 130	15	26	10400	15600	20800	26010	31210
48 x 84	86 x 137	15	28	11250	16800	22400	28010	33600

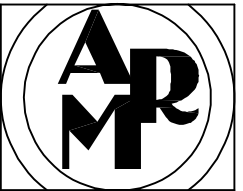
# GIH-1 Specifications

Air-Rite MFG.

## Gravity Intake Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop				
				Non-ducted				
				0.023	0.1	0.18	0.28	0.42
				Ducted				
				0.021	0.049	0.085	0.14	0.195
				(FPM) Velocity				
200	300	400	500	600				
(CFM) Airflow								
48 x 90	88 x 145	15	30	12850	18005	2400	30005	3600
48 x 96	88 x 150	15	32	13600	19200	25600	32010	38400
48 x 102	90 x 155	15	34	8100	20400	27200	34000	40800
54 x 54	94 x 94	15	20.25	9000	12150	16200	20250	24300
54 x 60	94 x 98	15	22.5	9900	13500	18000	22500	27000
54 x 66	94 x 112	15	24.75	10800	14850	19800	24750	29700
54 x 72	94 x 125	15	27	10800	16200	21600	27010	32400
54 x 78	94 x 130	15	29.25	11700	17550	23400	29250	35105
54 x 84	100 x 135	15	31.5	12600	18900	25200	31500	37810
54 x 90	100 x 145	15	33.75	13500	20250	27000	33750	40500
54 x 96	105 x 145	15	36	14400	21600	28800	36000	43200
60 x 60	105 x 105	15	25	10050	15000	20015	25000	30000
60 x 66	105 x 110	15	27.5	11000	16500	22020	27550	33000
60 x 72	105 x 120	15	30	12000	18000	24000	30000	36000
60 x 78	110 x 130	15	32.5	13050	19505	26000	32510	39000
60 x 84	110 x 135	15	35	14000	21010	28000	35005	42000
60 x 90	110 x 145	15	37.5	15000	22500	30000	375500	45000
60 x 96	114 x 150	15	40	16000	24000	32000	40000	48000
60 x 102	114 x 155	15	42.5	17050	25500	34000	42500	51000
66 x 66	114 x 115	15	30.25	12100	18150	24200	30250	36305
66 x 72	114 x 120	15	33	13200	19800	26400	33010	39610
66 x 78	114 x 135	15	35.75	14350	21450	28600	35750	42915
66 x 84	114 x 145	15	38.5	15400	23110	30800	38500	46205
66 x 90	114 x 155	15	41.25	16550	24750	33000	41250	49510
66 x 96	114 x 165	15	44	17600	26400	35215	44000	52800
66 x 102	114 x 175	15	46.75	48700	28050	37410	46750	56100
66 x 108	114 x 190	15	49.5	19800	29700	29605	49510	59400
72 x 72	114 x 125	15	36	14400	21600	28800	36000	43205
72 x 78	114 x 140	15	39	15650	23400	31200	39000	46810
72 x 84	114 x 150	15	42	16805	25200	33600	42000	50405
72 x 90	114 x 160	15	45	18000	27005	36000	4500	54000
72 x 96	114 x 170	15	48	19200	28800	38400	48000	57600
72 x 102	114 x 180	15	51	20400	30600	40800	51005	61200
72 x 108	114 x 195	15	54	21600	32415	43200	54000	64800

# AIR-RITE MANUFACTURING



**MODEL: GRH-1, \*GRH-2**

## STANDARD HOOD PRICING

### RELIEF HOODS

	12"	16"	20"	24"	28"	32"	36"	40"	44"	48"	52"	56"	60"	64"	68"	72"
12"	446															
16"	466	478														
20"	484	504	522													
24"	500	524	546	566												
28"	516	540	562	600	636											
32"	528	566	606	636	660	684										
36"	548	594	624	660	688	712	792									
40"	580	610	732	764	796	826	862	894								
44"	594	634	752	792	826	856	892	924	958							
48"	620	646	778	812	844	882	924	952	992	1120						
52"	630	664	794	830	874	910	950	986	1026	1228	1432					
56"	644	688	812	860	896	942	978	1018	1226	1274	1482	1536				
60"	688	732	840	876	922	964	1004	1208	1264	1312	1522	1576	1652			
64"	744	792	926	978	1018	1062	1278	1328	1384	1592	1648	1712	1766	2128		
68"	764	812	944	996	1038	1250	1442	1520	1568	1640	1700	1764	1820	2188	2238	
72"	778	920	968	1014	1112	1282	1496	1556	1618	1670	1740	1806	1860	2234	2308	2370
76"	798	934	992	1186	1250	1316	1522	1584	1656	1722	1792	1852	1918	2290	2370	2582
80"	900	950	1144	1208	1272	1350	1568	1632	1696	1760	1844	1906	1974	2420	2644	2716
84"	910	1092	1208	1238	1306	1374	1596	1668	1750	1880	1944	2016	2084	2612	2696	2772
88"	1026	1114	1224	1260	1340	1558	1632	1708	1842	1912	2000	2072	2536	2676	2760	2836
92"	1062	1134	1260	1440	1510	1592	1668	1734	1896	1970	2042	2220	2600	2740	2816	2906
96"	1082	1306	1396	1470	1544	1620	1706	1786	1924	2000	2192	2270	2640	2792	2868	2956

**\*GRH-2 CONSTRUCTION.....ADD 25%**

GALVANIZED CONSTRUCTION.....LIST  
 ALUMINUM CONSTRUCTION.....LIST x 50%  
 INSECT SCREEN.....LIST x 10%

HINGED.....1.25  
 UNDERCOAT.....1.25  
 FILTER.....1.34  
 ALUM. I.S.....1.20





# GRH-1 Specifications

Air-Rite MFG.

## Gravity Relief Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop					
				Non-Ducted					
				0.036	0.06	0.098	0.135	0.24	0.375
				0.028	0.05	0.075	0.11	0.2	0.295
				(FPM) Velocity					
				300	400	500	600	800	1000
				(CFM) Airflow					
12 x 12	21 x 21	15	1	300	400	500	600	800	1000
12 x 16	21 x 27	15	1.33	395	535	670	800	1050	1330
12 x 18	21 x 30	15	1.5	500	600	750	900	1200	1500
12 x 24	21 x 39	15	2	650	800	1000	1200	1600	2000
12 x 30	21 x 48	15	2.5	750	1000	1250	1500	2000	2500
12 x 32	21 x 51	15	2.67	800	1075	1355	1600	2155	2675
12 x 36	21 x 57	15	3	900	1200	1500	1800	2400	3000
12 x 42	21 x 63	15	3.5	1050	1400	1750	2100	2800	3500
12 x 48	21 x 72	15	4	1200	1600	2000	2400	3200	4000
12 x 54	21 x 81	15	4.5	1350	1800	2250	2700	3600	4500
16 x 16	27 x 27	15	1.78	550	725	900	1075	1425	1775
16 x 18	27 x 30	15	2	600	800	1000	1200	1600	2000
16 x 24	27 x 39	15	2.67	800	1075	1355	1600	2155	2675
16 x 30	27 x 48	15	3.33	1000	1355	1675	2000	2675	3350
16 x 32	27 x 51	15	3.56	1075	1425	1790	2155	2850	3550
16 x 36	27 x 57	15	4	1200	1600	2000	2400	3200	4000
16 x 42	27 x 63	15	4.67	1400	1875	2355	2800	3755	4675
16 x 48	27 x 72	15	5.33	1600	2155	2675	3200	4275	5350
16 x 54	27 x 81	15	6	1800	2400	3000	3600	4800	6000
16 x 60	27 x 90	15	6.67	2000	2675	3355	4000	5355	6675
18 x 18	30 x 30	15	2.25	700	900	1125	1350	1800	2250
18 x 24	30 x 39	15	3	900	1200	1500	1800	2400	3000
18 x 30	30 x 48	15	3.75	1125	1500	1875	2250	3000	3750
18 x 32	30 x 51	15	4	1200	1600	2000	2400	3200	4000
18 x 36	30 x 57	15	4.5	1350	1800	2250	2700	3600	4500
18 x 42	30 x 63	15	5.25	1575	2100	2625	3150	4200	5250
18 x 48	30 x 72	15	6	1800	2400	3000	3600	4800	6000
18 x 54	30 x 81	15	6.75	2025	2700	3375	4050	5400	6750
18 x 60	30 x 90	15	7.5	2250	3000	3750	4500	6000	7500
18 x 66	30 x 92	15	8.25	2475	3300	4125	4950	6600	8250
24 x 24	39 x 39	15	4	1200	1600	2000	2400	3200	4000
24 x 30	39 x 48	15	5	1500	2000	2500	3000	4000	5000
24 x 32	39 x 51	15	5.33	1600	2155	2675	3200	4275	5350
24 x 36	39 x 57	15	6	1800	2400	3000	3600	4800	6000
24 x 42	39 x 63	15	7	2100	2800	3500	4200	5600	7000
24 x 48	39 x 72	15	8	2400	2300	4000	4800	6400	8000
24 x 54	39 x 81	15	9	2700	3600	4500	5400	7200	9000
24 x 60	39 x 90	15	10	3000	4000	5000	6000	8000	10000
24 x 66	39 x 92	15	11	3300	4400	5500	6600	8800	11000
24 x 72	39 x 100	15	12	3600	4800	6000	7200	9600	12000
30 x 30	48 x 48	15	6.25	1875	2500	3125	3750	5000	6250
30 x 32	48 x 51	15	6.67	2000	2675	3350	4000	5350	6675
30 x 36	48 x 57	15	7.5	2250	3000	3750	4500	6000	7500

# GRH-1 Specifications

Air-Rite MFG.

## Gravity Relief Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop					
				Non-Ducted					
				0.036	0.06	0.098	0.135	0.24	0.375
				(FPM) Velocity					
				300	400	500	600	800	1000
				(CFM) Airflow					
				30 x 42	48 x 63	15	8.75	2625	3500
30 x 48	48 x 72	15	10	3000	4000	5000	6000	8000	10000
30 x 54	48 x 81	15	11.25	3375	4500	5625	6750	9000	11250
30 x 60	48 x 90	15	12.5	3750	5000	6250	7500	10000	12500
30 x 66	48 x 92	15	13.75	4125	5500	6875	8250	11000	13750
30 x 72	48 x 100	15	15	4500	6000	7500	9000	12000	15000
30 x 78	48 x 109	15	16.25	4875	6500	8125	9750	13000	16250
32 x 32	51 x 51	15	7.11	2150	2850	3550	4275	5700	7125
32 x 36	51 x 57	15	8	2400	3200	4000	4800	6400	8000
32 x 42	51 x 63	15	9.33	2800	3750	4675	5600	7450	9350
32 x 48	51 x 72	15	10.67	3200	4275	5350	6400	8550	10675
32 x 54	51 x 81	15	12	3600	4800	6000	7200	9600	12000
32 x 60	51 x 90	15	13.33	4000	5350	6675	8000	10675	13350
32 x 66	51 x 92	15	14.67	4400	5875	7350	8800	11750	14675
32 x 72	51 x 100	15	16	4800	6400	8000	9600	12800	16000
32 x 78	51 x 109	15	17.33	5200	6950	8675	10400	13875	17350
32 x 84	51 x 115	15	18.67	5600	7475	9350	11200	14950	18675
36 x 36	57 x 57	15	9	2700	3600	4500	5400	7200	9000
36 x 42	57 x 63	15	10.5	3150	4200	5250	6300	8400	10500
36 x 48	57 x 72	15	12	3600	4800	6000	7200	9600	12000
36 x 54	57 x 81	15	13.5	4050	5400	6750	8100	10800	13500
36 x 60	57 x 90	15	15	4500	6000	7500	9000	12000	15000
36 x 66	57 x 92	15	16.5	4950	6600	8250	9900	13200	16500
36 x 72	57 x 100	15	18	5400	7200	9000	10800	14400	18000
36 x 78	57 x 109	15	19.5	5850	7800	9750	11700	15600	19500
36 x 84	57 x 115	15	21	6300	8400	10500	12600	16800	21000
36 x 90	57 x 120	15	22.5	6750	9000	11250	13500	18000	22500
42 x 42	63 x 63	15	12.25	3675	4900	6125	7350	9800	12250
42 x 48	63 x 72	15	14	4200	5600	7000	8400	11200	14000
42 x 54	63 x 81	15	15.75	4725	6300	7875	9450	12600	15750
42 x 60	63 x 90	15	17.5	5250	7000	8750	10500	14000	17500
42 x 66	63 x 92	15	19.25	5775	7700	9675	11550	15400	19250
42 x 72	63 x 100	15	21	6300	8400	10500	12600	16800	21000
42 x 78	63 x 109	15	22.75	6825	9100	11375	13600	18200	22750
42 x 84	63 x 115	15	24.5	7350	9800	12250	14700	19600	24500
42 x 90	70 x 120	15	26.25	7875	10500	13125	15750	21000	26250
42 x 96	70 x 125	15	28	8400	11200	14000	16800	22400	28000
48 x 48	72 x 72	15	16	4800	6400	8000	9600	12800	16000
48 x 54	72 x 81	15	18	5400	7200	9000	10800	14400	18000
48 x 60	72 x 90	15	20	6000	8000	10000	12000	16000	20000
48 x 66	72 x 92	15	22	6600	8800	11000	13200	17600	22000
48 x 72	72 x 100	15	24	7200	9600	12000	14400	19200	24000
48 x 78	72 x 109	15	26	7800	10400	13000	15600	20800	23400

# GRH-1 Specifications

Air-Rite MFG.

## Gravity Relief Hood

Throat Size In.	Hood Size In.	Hood Height In.	Throat Area SF	(WG) Pressure Drop					
				Non-Ducted					
				0.036	0.06	0.098	0.135	0.24	0.375
				0.028	0.05	0.075	0.11	0.2	0.295
				(FPM) Velocity					
				300	400	500	600	800	1000
(CFM) Airflow									
48 x 84	72 x 115	15	28	8400	11200	14000	16800	22400	25200
48 x 90	75 x 125	15	30	9000	12000	15000	18000	24000	27000
48 x 96	75 x 132	15	32	9600	12800	16000	19200	25600	28800
48 x 102	75 x 138	15	34	10200	13600	17000	20400	27200	30600
54 x 54	81 x 81	15	20.25	6075	8100	10150	12100	16200	18200
54 x 60	81 x 90	15	22.5	6750	9000	11250	13500	18000	20250
54 x 66	81 x 92	15	24.75	7425	9900	12375	14800	19800	22300
54 x 72	81 x 100	15	27	8100	10800	13500	16200	21600	24300
54 x 78	81 x 109	15	29.25	8775	11700	14625	17500	23400	26300
54 x 84	81 x 115	15	31.5	9450	12600	15750	18900	25200	28350
54 x 90	83 x 125	15	33.75	10125	13500	16875	20250	27000	30375
54 x 96	83 x 132	15	36	10800	14400	18000	21600	28800	32400
60 x 60	90 x 90	15	25	7500	10000	12500	15000	20222	22500
60 x 66	90 x 92	15	27.5	8250	11000	13750	16500	22000	24750
60 x 72	90 x 100	15	30	9000	12000	15000	18000	24000	27000
60 x 78	90 x 109	15	32.5	9750	13000	16250	19500	26000	29200
60 x 84	90 x 115	15	35	10500	14000	17500	21000	28000	31500
60 x 90	90 x 125	15	37.5	11250	15000	18750	22500	30000	33750
60 x 96	90 x 132	15	40	12000	16000	20000	24000	32000	36000
60 x 102	90 x 140	15	42.5	12750	17000	21250	25500	34000	38250
66 x 66	99 x 99	15	30.25	9075	12100	15125	18100	24200	27255
66 x 72	99 x 102	15	33	9900	13200	16525	19800	26400	29700
66 x 78	99 x 110	15	35.75	10725	14300	17875	21400	28600	32100
66 x 84	99 x 115	15	38.5	11550	15400	19250	23100	30800	34600
66 x 90	99 x 125	15	41.25	12375	16500	20625	24700	32500	37150
66 x 96	99 x 132	15	44	13200	17600	22000	26400	35200	39600
66 x 102	99 x 140	15	46.75	14025	18700	23375	28050	37400	42050
66 x 108	99 x 150	15	49.5	14850	19800	24750	29700	39600	44500
72 x 72	102 x 102	15	36	10800	14400	18000	21600	28800	32400
72 x 78	110 x 110	15	39	11700	15600	19500	23400	31200	35100
72 x 84	110 x 115	15	42	12600	16800	21000	25200	33600	37800
72 x 90	110 x 130	15	45	13500	18000	22500	27000	36000	40500
72 x 96	110 x 135	15	48	14400	19200	24000	28800	38400	43200
72 x 102	110 x 140	15	51	15300	20400	25500	30600	40800	45900
72 x 108	110 x 150	15	54	16200	21600	27000	32400	43200	48600