

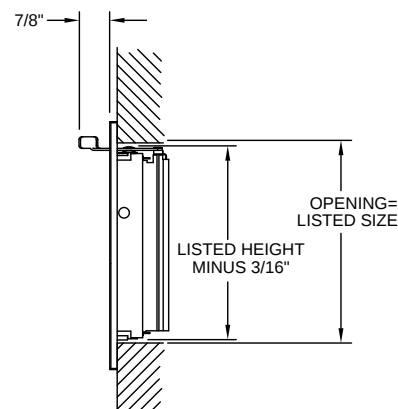
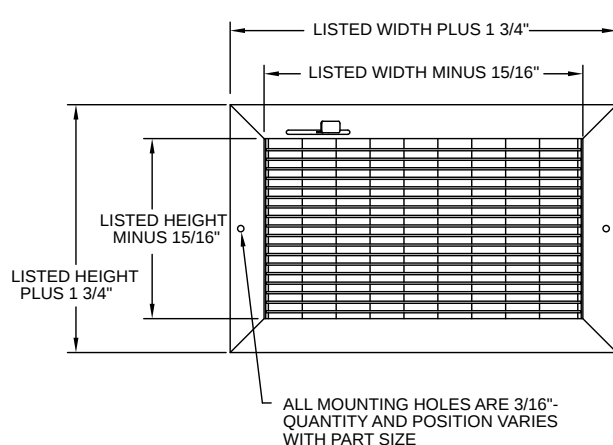
Series RHML

Sidewall/Ceiling Supply Diffuser

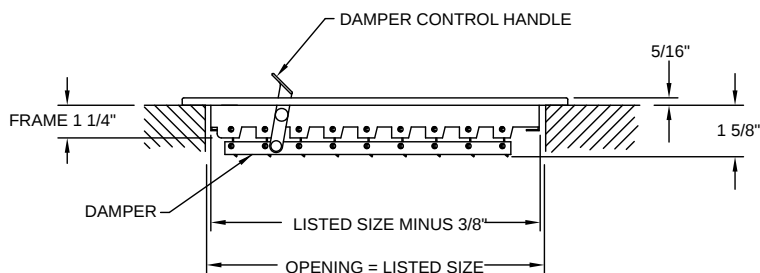
- ☐ Adjustable, horizontal, roll-form face bars
- ☐ $\frac{3}{4}$ " bar spacing for easy adjustment
- ☐ Single deflection
- ☐ Multi-shutter damper
- ☐ Steel construction
- ☐ White finish
- ☐ Made in the U.S.A.



Dimensional Drawings



DAMPERS SHOWN OPEN, ALL VIEWS



Appearance Note

Any models with a dimension larger than 16" require two or more damper boxes and associated reinforcement face bars.

Performance Data, Series RHML

Unit Size (in.)	Overall Size (in.)	Face Velocity	300	400	500	600	700	800	900	1000
		Pressure Loss	.006	.010	.016	.022	.031	.040	.050	.062
8 x 4 Ak .125	9-3/4 x 5-3/4	Cfm	38	50	63	75	88	100	113	125
		Throw	4	5	7	8	9	11	12	13
8 x 6 Ak .194	9-3/4 x 7-3/4	Cfm	58	78	97	117	136	156	175	194
		Throw	5	7	8	10	12	14	15	17
10 x 4 Ak .160	11-3/4 x 5-3/4	Cfm	48	64	80	96	112	128	144	160
		Throw	5	6	8	9	11	12	13	14
10 x 6 Ak .243	11-3/4 x 7-3/4	Cfm	73	97	122	146	170	194	219	243
		Throw	6	8	9	11	13	15	17	19

NC ≤ 30 NC 35

Performance Data, Series RHML (continued)

Unit Size (in.)	Overall Size (in.)	Face Velocity	300	400	500	600	700	800	900	1000
		Pressure Loss	.006	.010	.016	.022	.031	.040	.050	.062
10 x 8 Ak .333	11-3/4 x 9-3/4	Cfm	100	133	167	200	233	267	300	333
		Throw	7	8	10	12	14	16	17	21
12 x 4 Ak .194	13-3/4 x 5-3/4	Cfm	58	78	97	117	136	156	175	194
		Throw	5	7	8	10	12	14	15	17
12 x 6 Ak .299	13-3/4 x 7-3/4	Cfm	90	119	149	179	209	239	269	299
		Throw	7	8	10	12	15	17	19	21
12 x 8 Ak .403	13-3/4 x 9-3/4	Cfm	121	161	201	242	282	322	363	403
		Throw	7	9	11	13	18	17	19	22
12 x 10 Ak .507	13-3/4 x 11-3/4	Cfm	152	203	253	304	355	406	456	507
		Throw	8	11	13	16	19	22	25	28
14 x 4 Ak .299	15-3/4 x 5-3/4	Cfm	69	92	115	138	160	183	206	229
		Throw	5	7	9	11	13	15	17	18
14 x 6 Ak .347	15-3/4 x 7-3/4	Cfm	104	139	174	208	243	278	313	347
		Throw	7	8	11	13	16	18	20	23
14 x 8 Ak .472	15-3/4 x 9-3/4	Cfm	142	189	236	283	331	378	425	472
		Throw	8	9	12	14	17	19	21	24
16 x 6 Ak .375	17-3/4 x 7-3/4	Cfm	113	150	188	225	263	300	338	375
		Throw	7	10	12	15	17	20	22	25
16 x 8 Ak .507	17-3/4 x 9-3/4	Cfm	152	203	253	304	355	406	456	507
		Throw	8	10	13	15	18	20	22	25
20 x 6 Ak .479	21-3/4 x 7-3/4	Cfm	144	192	240	288	335	383	431	479
		Throw	8	11	14	16	20	23	25	28
20 x 8 Ak .646	21-3/4 x 9-3/4	Cfm	194	258	323	388	452	517	581	646
		Throw	9	12	15	18	21	23	26	29
20 x 10 Ak .813	21-3/4 x 11-3/4	Cfm	244	325	406	488	569	650	731	813
		Throw	7	10	12	15	17	20	22	25
24 x 6 Ak .583	25-3/4 x 7-3/4	Cfm	175	233	292	350	408	467	525	583
		Throw	9	12	15	18	21	23	26	29
24 x 8 Ak .792	25-3/4 x 9-3/4	Cfm	238	317	396	475	554	633	713	792
		Throw	10	13	17	19	23	25	28	31
24 x 10 Ak .933	25-3/4 x 11-3/4	Cfm	298	397	497	596	695	794	894	993
		Throw	7	10	12	15	17	20	22	25
24 x 12 Ak 1.201	25-3/4 x 13-3/4	Cfm	360	481	601	721	841	961	1081	1201
		Throw	7	10	12	15	17	20	22	25

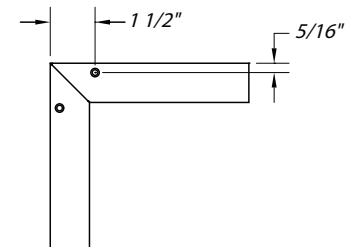
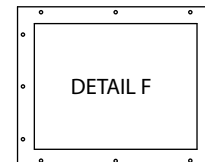
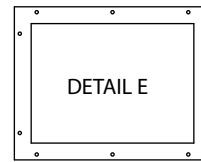
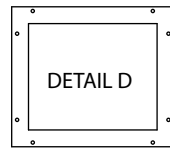
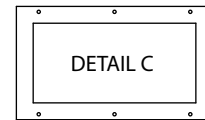
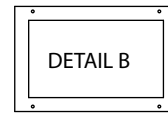
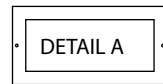
NC ≤30
 NC 35

Terminal velocity is 75 fpm.

Mounting Hole Guide for Select Products

The following products in this section have embossed (recessed) mounting holes.

Series	Page #
RVML & AVM	122, 127
RHML & AHM	129, 131
RGV & ARGV	133
RGV-0 & ARVG-0	135
RGH & ARGH	137
RGH-0 & ARGH-0	139
HVG & AHVG	141
VHG & AVHG	143
FBG40 & AFBG40	145
FBG60 & AFBG60	147



The following chart and diagrams above apply to these products.

		Width																									
Height		6	8	10	12	14	15	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48			
	4																								4		
	6																								6		
	8			A							B														8		
	10			2 Holes							4 Holes								C							10	
	12																			6 Holes							12
	14																									14	
	15																									15	
	16																									16	
	18																									18	
	20																									20	
	22			B								D								E							22
	24			4 Holes								8 Holes								10 Holes							24
	26																									26	
	28																									28	
	30																									30	
	32																									32	
	34																									34	
	36																									36	
	38			C								E								F							38
	40			6 Holes								10 Holes								12 Holes							40
	42																									42	
	44																									44	
	46																									46	
48																									48		
	6	8	10	12	14	15	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48				
		Width																									

Commercial
Sidewall or Ceiling