

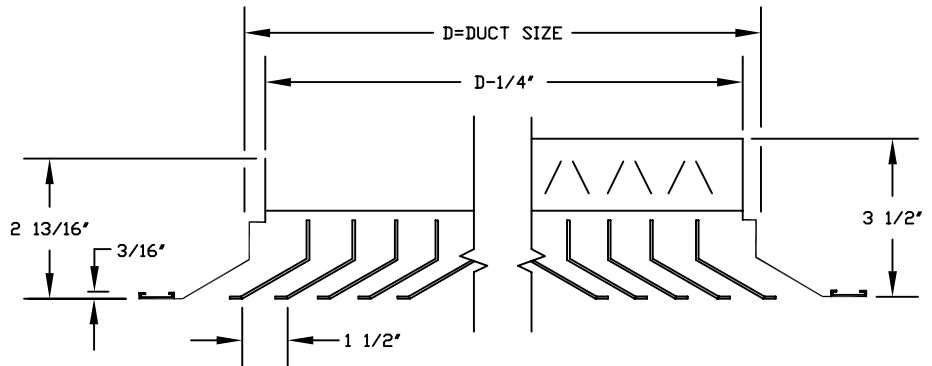
STANDARD CONSTRUCTION

MATERIAL:

DIFFUSER: ALUMINUM
 ALUMINUM PANEL (MODEL TYPE 6A)
 DAMPER: STEEL

FEATURES:

HORIZONTAL BLADE TIPS ARE IDEAL FOR VAV APPLICATION.
 OPPOSED BLADE DAMPER (OPTIONAL) IS ADJUSTABLE AND REMOVABLE THROUGH DIFFUSER FACE.
 DIFFUSER CORE SECTION IS REMOVABLE AND MAY BE ROTATED: 90°, 180°, OR 270°
 CORE SECTIONS (OF SIMILAR DUCT SIZE) CAN BE INTERCHANGED.
 FOR ROUND NECKS USE SQUARE/ROUND ADAPTER.



FINISH:

SKY-WHITE (STANDARD)

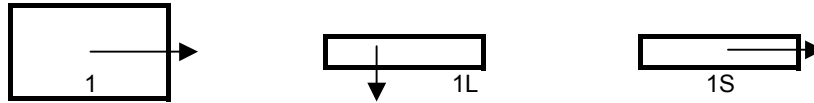
AXALTA 100% POLYESTER POWDER COATING

FRAMES:		CORE STYLES:
<p>FLUSH MOUNT</p> <p>FACE SIZES 24" x 24"; 48" x 24"; 48" x 48".</p>	<p>6A T-BAR PANEL</p> <p>FACE SIZES: 24" X 24" NECK SIZES: 6" X 6" 9" X 9" 12" X 12" 15" X 15" 18" X 18"</p> <p>MAX. DUCT SIZE = CEILING MODULE - 6"</p>	<p>FACE VIEW SHOWN</p> <p>SQUARE CORE STYLES</p>
<p>BEVELLED</p> <p>FACE SIZES: 24" X 24" 48" X 24" 48" X 48"</p>		

UH SERIES

ALUMINUM DIRECTIONAL
 (LOUVERED FACE)
 DIFFUSERS

DRAWN BY: MR	DATE: 8/21/17	SCALE: NOT TO SCALE	DRAWING NO. UH
CHECKED BY: IG	DATE: 8/31/17	REVISION: 8/21/17	

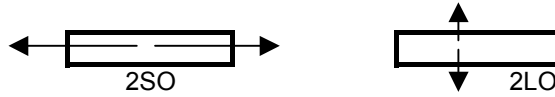
UH-Series 1-Way Core


Neck Velocity	FPM	200	300	400	500	600	700
		Ps	.018	.040	.071	.111	.160
Neck Size	Pt	.020	.046	.081	.127	.182	.248
6 x 6"	CFM	50	75	100	125	150	175
Ak .087	Throw	5-10	9-15	13-20	19-27	23-32	27-38
	NC	<20	<20	<20	<20	22	27
9 x 6"	CFM	75	113	150	188	225	263
Ak .131	Throw	7-12	10-18	16-24	20-29	25-35	28-40
	NC	<20	<20	<20	20	25	30
9 x 9"	CFM	113	169	225	281	338	394
Ak .197	Throw	9-17	13-22	18-28	23-33	28-39	32-45
	NC	<20	<20	<20	24	29	33
12 x 6"	CFM	100	150	200	250	300	350
Ak .175	Throw	8-14	13-21	17-27	22-32	27-37	31-43
	NC	<20	<20	<20	22	27	32
12 x 12"	CFM	200	300	400	500	600	700
Ak.350	Throw	11-23	17-28	22-34	26-38	31-44	35-50
	NC	<20	<20	21	26	31	36
15 x 6"	CFM	125	188	250	313	375	438
Ak .220	Throw	10-18	14-23	19-29	24-34	29-39	33-46
	NC	<20	<20	<20	23	28	33
15 x 9"	CFM	188	281	375	469	563	656
Ak .328	Throw	12-22	16-28	22-33	27-39	32-44	35-49
	NC	<20	<20	20	25	30	35
15 x 12"	CFM	250	375	500	625	750	875
Ak .437	Throw	13-24	17-29	23-36	28-40	33-46	38-52
	NC	<20	<20	23	27	32	37
15 x 15"	CFM	313	469	625	781	938	1094
Ak.546	Throw	13-25	18-31	24-36	29-42	34-48	38-53
	NC	<20	<20	23	28	33	38
18 x 6"	CFM	150	225	300	375	450	525
Ak .262	Throw	11-20	15-25	20-31	25-36	30-42	34-48
	NC	<20	<20	<20	23	29	34
18 x 9"	CFM	225	338	450	563	675	788
Ak .393	Throw	13-24	17-29	23-35	28-40	33-46	37-52
	NC	<20	<20	22	25	32	36
18 x 12"	CFM	300	450	600	750	900	1050
Ak .524	Throw	13-25	18-30	23-36	29-42	34-48	38-53
	NC	<20	<20	22	27	32	37
18 x 18"	CFM	450	675	900	1125	1350	1575
Ak .787	Throw	15-27	22-33	34-45	36-48	39-53	41-56
	NC	<20	<20	23	30	34	39
21 x 6"	CFM	175	263	350	438	525	613
Ak .308	Throw	11-21	15-27	21-31	26-38	30-43	34-48
	NC	<20	<20	20	25	30	36
21 x 15"	CFM	438	656	875	1094	1313	1531
Ak .765	Throw	14-27	23-33	29-37	35-48	36-53	40-55
	NC	<20	<20	24	28	34	38
21 x 18"	CFM	525	788	1050	1313	1575	1837
Ak .916	Throw	16-29	25-35	32-42	37-50	39-56	42-58
	NC	<20	20	25	30	35	40
24 x 15"	CFM	500	750	1000	1250	1500	1750
Ak .874	Throw	15-28	24-34	31-41	36-49	38-55	41-57
	NC	<20	<20	24	28	34	39
24 x 18"	CFM	600	900	1200	1500	1800	2100
Ak 1.049	Throw	17-30	26-36	33-43	38-51	39-56	41-58
	NC	<20	20	24	29	36	40
24 x 24"	CFM	800	1200	1600	2000	2400	2800
Ak 1.399	Throw	20-30	28-37	39-46	41-54	42-60	45-62
	NC	<20	21	26	31	36	41
27 x 21"	CFM	788	1181	1575	1969	2362	2750
Ak 1.377	Throw	18-31	26-36	34-44	38-52	40-57	43-59
	NC	<20	22	26	30	37	41
27 x 27"	CFM	1013	1519	2025	2531	3037	3544
Ak 1.770	Throw	22-32	30-40	36-50	41-56	44-61	46-64
	NC	<20	22	26	32	37	42

Notes:

1. Throw is for deflection with blades parallel to width. For reverse sizing throw, multiply throw by 1.2

UH-Series 2-Way Core

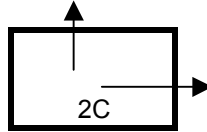


Neck	FPM	200	300	400	500	600	700
Velocity	Ps	.018	.040	.071	.111	.160	.218
Neck Size	Pt	.020	.046	.081	.127	.182	.248
9 x 6" Ak .131	CFM	75	113	150	188	225	263
	Throw	4-8	8-13	12-19	17-24	21-30	25-36
	NC	<20	<20	<20	21	26	30
12 x 6" Ak .175	CFM	100	150	200	250	300	350
	Throw	6-10	9-16	14-21	19-27	23-32	27-38
	NC	<20	<20	<20	22	26	31
15 x 6" Ak .220	CFM	125	188	250	313	375	438
	Throw	5-11	10-17	15-23	20-28	24-34	27-39
	NC	<20	<20	<20	24	29	33
18 x 6" Ak .262	CFM	150	225	300	375	450	525
	Throw	7-13	11-18	16-24	21-30	25-35	29-41
	NC	<20	<20	<20	24	29	34
15 x 9" Ak .328	CFM	188	281	375	469	563	656
	Throw	7-15	12-20	17-26	22-32	27-37	31-43
	NC	<20	<20	20	25	29	34
18 x 9" Ak .3935	CFM	225	338	450	563	675	788
	Throw	9-17	13-22	18-28	23-33	29-39	32-45
	NC	<20	<20	21	26	30	35
21 x 9" Ak .459	CFM	263	394	525	656	788	919
	Throw	10-18	13-23	19-29	23-34	28-40	32-45
	NC	<20	<20	23	28	32	36
15 x 12" Ak .437	CFM	250	375	500	625	750	875
	Throw	10-18	13-22	19-29	23-33	28-39	32-45
	NC	<20	<20	23	27	31	37
18 x 12" Ak .525	CFM	300	450	600	750	900	1050
	Throw	10-19	14-24	19-30	24-35	29-42	34-48
	NC	<20	<20	23	27	32	37
21 x 12" Ak .594	CFM	350	525	700	875	1050	1225
	Throw	11-21	15-26	21-32	25-38	30-43	34-48
	NC	<20	<20	24	29	34	39
21 x 15" Ak .765	CFM	438	656	875	1094	1313	1531
	Throw	13-23	16-28	23-35	27-39	33-46	36-50
	NC	<20	<20	24	29	34	39
24 x 15" Ak .874	CFM	500	750	1000	1250	1500	1750
	Throw	13-24	17-29	22-35	29-41	33-46	37-51
	NC	<20	<20	24	29	34	39
21 x 18" Ak .916	CFM	525	788	1050	1313	1575	1837
	Throw	13-25	18-30	23-36	28-42	34-47	38-53
	NC	<20	20	25	30	35	40
24 x 18" Ak 1.049	CFM	600	900	1200	1500	1800	2100
	Throw	12-24	17-30	23-35	28-41	34-48	38-53
	NC	<20	<20	24	30	35	40
27 x 21" Ak 1.377	CFM	788	1181	1575	1969	2362	2756
	Throw	13-24	17-28	22-35	28-40	33-46	36-52
	NC	<20	20	25	30	36	42

Notes:

1. CFM is for total unit. For CFM per side multiply CFM shown by .50
2. Throw is for deflection with blades parallel to width. For reverse sizing throw, multiply throw by 1.2
3. Throw is per side.
4. < = NC less than 20db.

UH-Series 2-Way Corner Core



Neck Velocity	FPM	200	300	400	500	600	700
	Ps	.018	.040	.071	.111	.160	.218
Neck Size	Pt	.020	.046	.081	.127	.182	.248
6 x 6" Ak .087	CFM	50	75	100	125	150	175
	Throw	4-7	8-12	11-17	17-23	20-29	25-35
	NC	<20	<20	<20	<20	23	28
9 x 9" Ak .197	CFM	113	169	225	281	338	394
	Throw	6-11	10-16	13-21	19-27	23-33	28-39
	NC	<20	<20	<20	23	28	33
12 x 12" Ak .350	CFM	200	300	400	500	600	700
	Throw	8-15	13-21	16-26	22-31	26-38	31-43
	NC	<20	<20	22	26	31	36
15 x 15" Ak .546	CFM	313	469	625	781	938	1094
	Throw	11-20	15-26	19-30	26-36	30-42	34-48
	NC	<20	<20	23	28	33	39
18 x 18" Ak .787	CFM	450	675	900	1125	1350	1575
	Throw	13-24	17-28	23-34	28-40	32-45	36-52
	NC	<20	<20	23	28	34	39
21 x 21" Ak 1.071	CFM	613	919	1225	1531	1837	2144
	Throw	13-25	17-31	24-36	29-41	33-48	38-53
	NC	<20	20	24	30	34	40
24 x 24" Ak 1.399	CFM	800	1200	1600	2000	2400	2800
	Throw	13-23	17-29	22-35	28-39	33-46	37-51
	NC	<20	21	26	31	36	41
27 x 27" Ak 1.770	CFM	1013	1519	2025	2531	3037	3544
	Throw	9-16	13-22	17-27	22-32	27-38	31-43
	NC	<20	22	27	32	36	41

Notes:

1. CFM is total for unit. For CFM per side, multiply CFM by .50.
2. Throw is per side.

UH-Series 2-Way Rectangular Corner

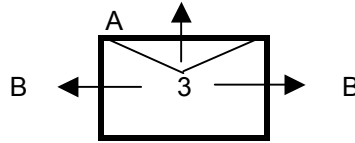


Neck Velocity	FPM	200	300	400	500	600	700
	Ps	.018	.040	.071	.111	.160	.218
Neck Size	Pt	.020	.046	.081	.127	.182	.248
9 x 6" Ak .131	CFM	75	113	150	188	225	263
	Throw A	3-6	8-13	12-17	17-24	20-28	24-35
	Throw B	5-9	9-16	14-21	19-27	23-32	27-38
	NC	<20	<20	<20	20	25	30
12 x 6" Ak .175	CFM	100	150	200	250	300	350
	Throw A	3-6	7-12	11-18	16-24	21-28	
	Throw B	6-12	10-17	15-23	20-29	24-34	28-40
	NC	<20	<20	<20	22	27	32
12 x 9" Ak .262	CFM	150	225	300	375	450	525
	Throw A	5-10	9-15	13-21	18-27	23-32	27-38
	Throw B	7-14	11-19	16-25	21-31	26-36	30-42
	NC	<20	<20	<20	24	29	34
15 x 6" Ak .220	CFM	125	188	250	313	375	438
	Throw A	4-7	8-13	12-18	17-24	21-28	25-35
	Throw B	8-15	13-21	17-27	22-32	27-38	31-43
	NC	<20	<20	<20	23	28	33
15 x 9" Ak .328	CFM	188	281	375	469	563	656
	Throw A	6-12	9-15	13-21	18-27	23-32	27-38
	Throw B	9-17	13-23	18-28	23-34	28-40	32-45
	NC	<20	<20	21	25	30	35
15 x 12" Ak .437	CFM	250	375	500	625	750	875
	Throw A	7-14	12-20	16-26	21-31	26-37	30-42
	Throw B	10-19	14-24	19-30	24-35	29-41	33-47
	NC	<20	<20	23	28	33	38
18 x 9" Ak 393	CFM	225	338	450	563	675	788
	Throw A	5-10	9-15	13-21	18-27	23-32	27-38
	Throw B	10-20	15-25	20-31	25-37	30-42	34-48
	NC	<20	<20	21	27	32	36
18 x 12" Ak .524	CFM	300	450	600	750	900	1050
	Throw A	7-14	12-20	16-26	21-31	26-37	30-42
	Throw B	11-22	16-27	21-33	26-38	31-44	35-50
	NC	<20	<20	23	28	32	37
21 x 9" Ak .695	CFM	263	394	525	656	788	919
	Throw A	5-10	9-15	13-21	18-27	23-32	27-38
	Throw B	11-22	16-27	21-33	27-39	32-44	36-50
	NC	<20	<20	22	27	32	38
21 x 12" Ak .612	CFM	350	525	700	875	1050	1225
	Throw A	8-15	12-21	17-26	21-31	26-37	30-42
	Throw B	12-24	18-29	22-35	29-41	34-46	38-51
	NC	<20	<20	23	28	33	39
21 x 15" Ak .765	CFM	438	656	875	1094	1313	1531
	Throw A	11-20	15-26	20-31	26-37	30-41	33-47
	Throw B	12-25	18-31	23-36	28-41	34-48	37-53
	NC	<20	<20	23	29	35	40
24 x 15" Ak .874	CFM	500	750	1000	1250	1500	1750
	Throw A	11-20	15-25	19-31	25-36	31-42	33-47
	Throw B	13-25	18-30	23-36	28-41	33-46	37-52
	NC	<20	<20	24	29	35	40
24 x 18" Ak 1.049	CFM	600	900	1200	1500	1800	2100
	Throw A	13-24	17-29	23-35	28-40	33-45	37-52
	Throw B	13-24	17-30	23-35	28-40	34-47	37-52
	NC	<20	20	26	30	35	41
27 x 21" Ak 1.337	CFM	788	1181	1575	1969	2362	2756
	Throw A	9-18	14-23	19-29	25-34	29-40	32-45
	Throw B	12-24	18-31	24-36	28-42	33-47	37-53
	NC	<20	21	26	32	36	41

Notes:

1. CFM is total for unit. For CFM of side A, multiply CFM shown by .20. For CFM of side B, multiply by .80.

UH-Series 3-Way Core Deflection

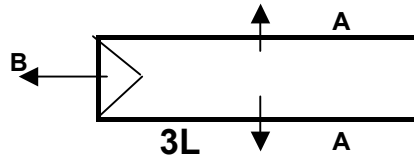


Neck Velocity	FPM	200	300	400	500	600	700
Neck Size	Pt	.016	.036	.063	.099	.142	.194
6 x 6" Ak .105	CFM	50	75	100	125	150	175
	Throw B	3-5	6-11	10-16	15-23	21-28	24-34
	Throw A	2-4	6-10	10-16	15-21	19-27	23-32
	NC	<20	<20	<20	<20	23	28
9 x 9" Ak .228	CFM	113	169	225	281	338	394
	Throw B	4-8	8-14	12-19	17-25	22-31	26-36
	Throw A	3-6	7-12	11-18	16-23	21-29	24-34
	NC	<20	<20	<20	23	30	34
12 x 12" Ak .405	CFM	200	300	400	500	600	700
	Throw B	6-12	11-18	15-24	20-29	24-34	28-40
	Throw A	6-10	8-15	13-20	18-26	22-31	26-37
	NC	<20	<20	22	28	32	37
15 x 15" Ak .626	CFM	313	469	625	781	938	1094
	Throw B	7-13	12-23	18-28	23-33	27-38	31-44
	Throw A	5-9	10-18	15-23	20-29	25-35	29-40
	NC	<20	<20	23	28	33	39
21 x 21" Ak 1.229	CFM	613	919	1225	1531	1837	2144
	Throw B	13-24	17-29	22-34	28-40	32-45	36-51
	Throw A	10-20	15-25	19-30	25-36	30-41	33-47
	NC	<20	20	25	31	35	41
24 x 24" Ak 1.600	CFM	800	1200	1600	2000	2400	2800
	Throw B	12-24	17-30	23-35	28-41	33-47	37-52
	Throw A	11-22	16-28	21-34	26-38	31-44	35-50
	NC	<20	21	26	31	37	42
27 x 27" Ak 2.025	CFM	1013	1519	2025	2531	3037	3544
	Throw B	13-24	18-30	22-34	27-40	32-46	36-51
	Throw A	13-25	17-19	22-35	28-40	33-46	37-52
	NC	<20	23	28	33	38	43

Notes:

1. CFM shown is for unit. For CFM of side A, multiply CFM x .20. For side B, multiply by .40.

UH-Series 3-Way Rectangular Core, 3L

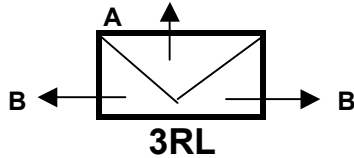


Neck Velocity	FPM	200	300	400	500	600	700
		Ps	.006	.010	.020	.040	.050
Neck Size	Pt	.012	.027	.048	.074	.107	.148
9 x 6" Ak .202	CFM	75	110	150	185	220	360
	Throw A	2-5	5-9	8-14	9-15	12-18	14-20
	Throw B	1-3	3-7	6-12	8-14	9-15	11-17
	NC	<20	<20	<20	20	25	30
12 x 6" Ak .269	CFM	100	150	200	250	300	350
	Throw A	2-6	6-12	9-15	10-16	13-19	15-21
	Throw B	2-4	4-8	7-13	9-15	10-16	12-18
	NC	<20	<20	<20	20	25	30
12 x 9" Ak .404	CFM	150	225	300	375	450	525
	Throw A	3-7	7-13	10-16	11-17	15-21	16-22
	Throw B	2-5	5-10	8-14	10-16	12-18	14-20
	NC	<20	<20	20	25	30	35
15 x 6" Ak .337	CFM	125	188	250	312	375	438
	Throw A	3-7	7-14	10-17	11-18	15-22	16-23
	Throw B	2-9	5-10	8-14	10-16	12-18	14-20
	NC	<20	<20	20	25	30	35
15 x 9" Ak .506	CFM	185	280	370	465	560	660
	Throw A	4-8	8-14	11-17	13-19	15-22	12-27
	Throw B	3-6	6-12	8-14	11-17	13-19	15-21
	NC	<20	<20	20	25	30	35
15 x 12" Ak .675	CFM	250	375	500	625	750	875
	Throw A	5-9	9-15	12-18	14-21	17-24	18-25
	Throw B	3-7	7-13	9-15	12-18	14-20	16-22
	NC	<20	<20	20	25	30	35
18 x 9" Ak .607	CFM	235	355	470	590	710	825
	Throw A	5-9	9-15	12-18	14-21	17-24	18-25
	Throw B	3-7	7-13	9-15	12-18	14-20	15-21
	NC	<20	<20	<20	25	30	35
18 x 12" Ak .810	CFM	375	560	750	935	1120	1310
	Throw A	6-12	10-16	13-19	15-21	18-24	19-25
	Throw B	4-8	8-14	10-16	13-19	15-21	17-23
	NC	<20	<20	20	25	30	35
21 x 9" Ak .708	CFM	262	393	524	655	786	917
	Throw A	5-9	9-15	12-18	14-21	17-23	18-25
	Throw B	3-7	7-13	9-15	12-18	14-20	16-22
	NC	<20	<20	20	25	30	35
21 x 12" Ak .946	CFM	350	525	700	875	1050	1225
	Throw A	7-13	11-17	14-20	16-22	18-25	10-26
	Throw B	5-9	8-15	11-17	14-20	16-22	18-24
	NC	<20	<20	20	25	30	35
21 x 15" Ak 1.183	CFM	437	655	875	1092	1312	1532
	Throw A	6-12	10-16	14-20	16-22	18-24	19-27
	Throw B	4-8	8-14	11-17	14-20	16-22	18-24
	NC	<20	<20	20	25	30	35
24 x 15" Ak 1.351	CFM	500	750	1000	1250	1500	1750
	Throw A	7-13	11-17	15-21	17-23	19-25	20-27
	Throw B	5-9	9-15	12-18	15-21	16-23	18-24
	NC	<20	<20	20	25	30	35
24 x 18" Ak 1.621	CFM	600	900	1200	1500	1800	2100
	Throw A	8-14	11-18	15-21	17-24	19-26	21-29
	Throw B	5-10	9-14	13-18	15-21	17-24	18-25
	NC	<20	<20	20	25	30	35
27 x 21" Ak 2.130	CFM	785	1180	1570	1965	2360	2750
	Throw A	8-14	12-18	16-22	18-25	20-27	22-31
	Throw B	6-12	10-16	14-20	16-22	18-24	19-27
	NC	<20	<20	20	25	30	35

Notes:

1. CFM is total for unit. For CFM of side A, multiply CFM shown by .40. For CFM of side B, multiply by .20.

UH-Series 3-Way Rectangular Core, 3RL

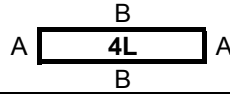


Neck	FPM	200	300	400	500	600	700
Velocity	Ps	.014	.033	.058	.090	.130	.177
Neck Size	Pt	.017	.038	.068	.106	.152	.207
9 x 6" Ak .150	CFM	75	113	150	188	225	263
	Throw A	3-6	8-12	11-17	14-24	20-28	24-34
	Throw B	3-6	7-12	11-18	16-23	21-29	24-32
	NC	<20	<20	<20	21	26	31
12 x 6" Ak .200	CFM	100	150	200	250	300	350
	Throw A	3-6	7-12	11-17	16-23	20-28	24-34
	Throw B	5-9	8-15	13-21	19-27	23-32	27-38
	NC	<20	<20	<20	23	28	33
12 x 9" Ak .300	CFM	150	225	300	375	450	525
	Throw A	5-10	9-15	14-21	18-26	23-32	27-38
	Throw B	6-10	9-15	14-21	18-26	23-32	17-38
	NC	<20	<20	<20	25	30	35
15 x 9" Ak .375	CFM	188	281	375	469	563	656
	Throw A	6-11	10-15	14-22	18-26	24-33	27-38
	Throw B	7-13	11-18	15-24	20-29	26-36	29-40
	NC	<20	<20	20	25	30	35
15 x 12" Ak .510	CFM	250	375	500	625	750	875
	Throw A	8-14	12-20	15-25	20-31	26-36	29-41
	Throw B	6-12	10-19	16-23	20-29	25-35	29-40
	NC	<20	<20	22	27	32	38
18 x 12" Ak .600	CFM	300	450	600	750	900	1050
	Throw A	8-15	11-20	16-25	23-33	27-38	31-44
	Throw B	9-17	13-21	17-27	23-33	27-38	32-45
	NC	<20	<20	23	28	33	38
18 x 15" Ak .750	CFM	375	563	750	938	1125	1313
	Throw A	10-18	14-24	18-29	24-34	29-41	32-45
	Throw B	9-17	13-21	17-28	22-32	28-39	31-44
	NC	<20	<20	23	28	33	39
21 x 15" Ak .875	CFM	438	656	875	1094	1313	1531
	Throw A	10-20	15-24	19-30	24-36	30-41	33-46
	Throw B	11-20	15-25	19-31	25-37	29-41	34-48
	NC	<20	<20	23	29	34	39
24 x 18" Ak 1.200	CFM	600	900	1200	1500	1800	2100
	Throw A	12-23	17-27	21-34	26-38	32-45	35-50
	Throw B	12-23	17-27	21-34	26-38	32-45	35-50
	NC	<20	20	25	30	35	40
27 x 21" Ak 1.575	CFM	788	1181	1575	1969	2362	2756
	Throw A	12-24	17-29	22-35	28-41	33-46	37-52
	Throw B	13-24	18-30	23-36	29-42	34-47	38-53
	NC	<20	23	28	32	36	41
24 x 30" Ak 2.000	CFM	1000	1500	2000	2500	3000	3500
	Throw A	12-24	17-30	23-25	28-41	33-46	37-52
	Throw B	13-25	18-31	24-36	29-42	34-48	38-52
	NC	<20	23	27	33	38	42

Notes:

1. CFM is total for unit. For CFM of side A, multiply CFM shown by .50. For CFM of side B, multiply by .25.

UH-Series 4-Way Rectangular Core



Neck Velocity	FPM	200	300	400	500	600	700
	Ps	.014	.033	.058	.090	.130	.177
Neck Size	Pt	.017	.038	.068	.106	.152	.207
9 x 6" Ak .151	CFM	75	113	150	188	225	263
	Throw A	2-4	6-10	11-17	16-22	20-28	24-33
	Throw B	3-6	8-12	11-18	17-24	21-29	25-35
	NC	<20	<20	<20	20	26	31
12 x 6" Ak .200	CFM	100	150	200	250	300	350
	Throw A	2-4	6-10	10-16	15-21	19-27	23-32
	Throw B	4-8	8-13	12-19	17-24	21-28	25-36
	NC	<20	<20	<20	23	28	33
12 x 9" Ak .300	CFM	150	225	300	375	450	525
	Throw A	3-6	7-12	11-18	16-23	21-29	24-34
	Throw B	4-9	8-14	13-20	18-25	22-31	26-37
	NC	<20	<20	20	25	30	35
15 x 9" Ak .375	CFM	188	281	375	469	563	656
	Throw A	3-6	7-12	11-18	16-23	21-29	24-34
	Throw B	6-11	10-16	14-22	19-28	24-33	28-39
	NC	<20	<20	21	26	31	36
18 x 9" Ak .451	CFM	225	338	450	563	675	788
	Throw A	3-7	7-13	11-18	16-24	22-29	24-35
	Throw B	7-13	11-18	15-24	20-30	25-35	29-41
	NC	<20	<20	22	27	32	36
21 x 9" Ak .525	CFM	263	394	525	656	788	919
	Throw A	3-6	7-12	11-18	16-23	21-29	24-34
	Throw B	8-15	12-20	17-26	22-31	26-37	30-43
	NC	<20	<20	22	27	32	38
15 x 12" Ak .500	CFM	250	375	500	625	750	875
	Throw A	5-9	8-15	13-20	18-26	22-31	26-37
	Throw B	6-12	10-17	15-22	20-28	23-33	27-39
	NC	<20	<20	23	28	33	37
18 x 12" Ak .600	CFM	300	450	600	750	900	1050
	Throw A	5-9	8-16	13-21	18-26	22-31	26-37
	Throw B	7-14	12-20	16-26	21-31	27-38	30-42
	NC	<20	<20	23	28	33	37
21 x 12" Ak .700	CFM	350	525	700	875	1050	1225
	Throw A	5-9	8-15	13-20	18-26	22-31	26-37
	Throw B	9-18	14-22	19-29	24-34	28-39	32-45
	NC	<20	<20	24	29	34	39
24 x 12" Ak .800	CFM	400	600	800	1000	1200	1400
	Throw A	5-9	8-15	14-21	19-26	22-32	27-37
	Throw B	10-19	14-24	20-31	24-35	29-41	33-47
	NC	<20	<20	25	30	34	39
18 x 15" Ak .750	CFM	375	563	750	938	1125	1313
	Throw A	6-12	10-18	15-23	20-29	25-35	29-40
	Throw B	8-15	12-21	17-26	22-32	27-38	31-43
	NC	<20	<20	24	29	34	39
24 x 15" Ak 1.000	CFM	500	750	1000	1250	1500	1750
	Throw A	6-12	10-18	15-23	20-29	25-35	29-40
	Throw B	10-20	15-26	20-30	26-37	30-41	34-48
	NC	<20	20	25	30	34	39
24 x 18" Ak 1.200	CFM	600	900	1200	1500	1800	2100
	Throw A	8-16	12-21	17-27	22-32	28-39	31-44
	Throw B	11-21	15-27	21-32	26-38	31-43	35-49
	NC	<20	21	26	31	36	41
33 x 21" Ak 1.925	CFM	963	1444	1925	2406	2888	3369
	Throw A	10-19	15-25	20-31	25-37	29-41	33-47
	Throw B	12-24	17-30	23-35	28-41	33-47	37-52
	NC	<20	22	27	32	38	43
30 x 24" Ak 2.000	CFM	963	1444	1925	2406	2888	3369
	Throw A	11-20	15-25	20-31	25-37	30-42	34-48
	Throw B	13-25	18-31	24-36	29-42	34-47	37-52
	NC	<20	21	27	32	37	42

Notes:

1. CFM is total for unit. For CFM of side A, multiply CFM shown by .17. For CFM of side B, multiply by .33.

UH-Series 4-Way Square Core

Neck Velocity	FPM	200	300	400	500	600	700
	Ps	.013	.031	.052	.080	.120	.162
Neck Size	Pt	.016	.035	.062	.099	.140	.192
6 x 6" Ak .10	CFM	50	75	100	125	150	175
	Throw	2-4	6-10	10-16	15-21	19-27	23-32
	NC	<20	<20	<20	<20	23	28
9 x 9" Ak .226	CFM	113	169	225	281	338	394
	Throw	3-6	7-12	11-19	16-24	21-29	24-34
	NC	<20	<20	<20	24	29	34
12 x 12" Ak .401	CFM	200	300	400	500	600	700
	Throw	5-9	8-15	13-21	19-27	22-32	26-37
	NC	<20	<20	22	27	32	37
15 x 15" Ak .625	CFM	313	469	625	781	938	1094
	Throw	6-12	10-18	15-23	20-29	25-35	29-40
	NC	<20	<20	24	29	34	39
18 x 18" Ak .901	CFM	450	675	900	1125	1350	1575
	Throw	8-16	12-22	18-28	23-33	28-39	32-45
	NC	<20	20	25	30	35	40
21 x 21" Ak 1.224	CFM	613	919	1225	1531	1837	2144
	Throw	10-19	14-25	20-30	24-36	30-40	33-48
	NC	<20	21	26	31	36	41
24 x 24" Ak 1.601	CFM	800	1200	1600	2000	2400	2800
	Throw	12-23	17-28	22-34	27-39	32-45	36-51
	NC	<20	22	27	32	37	42
27 x 27" Ak 2.024	CFM	1013	1519	2025	2531	3037	3544
	Throw	12-25	18-30	22-36	28-41	33-47	38-53
	NC	<20	22	27	32	37	42
33 x 33" Ak 3.026	CFM	1514	2268	3025	3781	4537	5294
	Throw	12-24	17-30	23-35	28-41	34-47	37-51
	NC	<20	23	28	33	38	44

Notes:

1. CFM is total for unit.
2. Throw shown is per side.