

## Performance Data

### Industrial Supply Grilles and Registers

MODELS: VHAFME

Listed Duct Size (inches)	Neck Velocity, FPM		500	600	700	800	1000	1200	1400	1600	1800
	VP		0.016	0.022	0.031	0.040	0.062	0.090	0.122	0.160	0.202
		0°	.035	.050	.068	.088	.138	.198	.271	.354	.448
	TP	22 1/2°	.039	.056	.076	.099	.155	.222	.305	.398	.503
		45	.059	.084	.115	.149	.233	.334	.458	.598	.757
	<b>CFM</b>		<b>250</b>	<b>300</b>	<b>350</b>	<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>900</b>
18 x 4	NC		—	—	—	—	26	30	34	38	41
14 x 5	0.33	0°	13-20-28	15-22-31	17-24-34	19-26-36	22-28-39	24-30-42	26-32-45	28-34-48	30-36-51
12 x 6	<b>Ak</b> 0.32	T 22 1/2°	10-16-22	12-18-24	13-20-26	15-21-28	17-23-31	18-25-33	20-27-35	22-29-37	23-31-39
	0.26	45	7-10-13	8-11-14	9-12-16	10-12-17	11-13-19	12-14-20	13-15-22	14-16-23	15-17-25
	<b>CFM</b>		<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>1000</b>	<b>1200</b>	<b>1400</b>	<b>1600</b>	<b>1800</b>
26 x 6	NC		—	—	—	23	29	34	38	41	44
18 x 8	0.71	0°	17-26-37	20-29-41	23-32-45	26-35-49	29-38-53	33-42-58	36-45-62	39-48-66	42-51-70
16 x 10	<b>Ak</b> 0.69	T 22 1/2°	14-20-29	16-23-32	19-25-36	21-28-39	24-31-43	26-33-46	28-36-49	31-39-53	33-42-56
12 x 12	0.55	45	9-12-18	10-14-20	12-15-22	13-17-24	15-19-26	16-20-29	17-22-31	19-24-33	20-26-35
	<b>CFM</b>		<b>750</b>	<b>900</b>	<b>1050</b>	<b>1200</b>	<b>1500</b>	<b>1800</b>	<b>2100</b>	<b>2400</b>	<b>2700</b>
24 x 8	NC		—	—	22	25	31	36	40	43	46
20 x 10	0.98	0°	24-35-48	28-38-53	31-42-58	35-45-63	39-49-69	42-52-74	46-56-79	50-59-84	53-63-89
16 x 12	<b>Ak</b> 0.95	T 22 1/2°	19-28-38	22-31-42	25-34-46	27-36-50	30-39-55	33-42-59	36-45-63	39-48-67	42-51-71
14 x 14	0.76	45	12-17-24	14-19-26	16-21-29	17-23-31	19-25-34	21-27-36	23-29-39	25-31-41	27-33-44
	<b>CFM</b>		<b>1000</b>	<b>1200</b>	<b>1400</b>	<b>1600</b>	<b>2000</b>	<b>2400</b>	<b>2800</b>	<b>3200</b>	<b>3600</b>
36 x 8	NC		—	—	23	26	32	37	41	44	48
30 x 10	1.47	0°	25-37-54	29-41-60	34-46-66	39-51-73	43-55-79	48-60-85	52-64-92	57-69-98	61-73-104
24 x 12	<b>Ak</b> 1.43	T 22 1/2°	20-30-44	24-33-49	27-37-54	31-41-58	35-44-63	38-48-68	42-51-73	46-55-78	50-58-83
20 x 14	1.14	45	12-18-27	14-20-30	17-23-33	19-25-36	22-28-39	24-30-42	26-32-45	29-35-48	31-37-51
18 x 16	1.14	45	12-18-27	14-20-30	17-23-33	19-25-36	22-28-39	24-30-42	26-32-45	29-35-48	31-37-51
	<b>CFM</b>		<b>1500</b>	<b>1800</b>	<b>2100</b>	<b>2400</b>	<b>3000</b>	<b>3600</b>	<b>4200</b>	<b>4800</b>	<b>5400</b>
36 x 12	NC		—	21	25	28	34	39	43	46	49
30 x 14	2.22	0°	30-44-66	36-50-74	42-56-81	47-62-89	53-68-97	59-74-104	65-80-112	71-86-120	77-92-127
26 x 16	<b>Ak</b> 2.15	T 22 1/2°	24-35-53	28-40-59	33-45-65	37-50-71	42-55-78	46-60-84	51-65-90	55-70-96	60-75-102
24 x 18	1.72	45	15-22-33	18-25-37	21-28-41	23-31-44	26-34-48	29-37-52	32-40-56	35-43-60	38-46-64
	<b>CFM</b>		<b>2000</b>	<b>2400</b>	<b>2800</b>	<b>3200</b>	<b>4000</b>	<b>4800</b>	<b>5600</b>	<b>6400</b>	<b>7200</b>
48 x 12	NC		—	22	26	30	36	40	44	48	51
36 x 16	3.03	0°	33-49-76	40-56-85	47-63-94	53-70-102	60-77-111	67-85-120	74-92-129	81-99-138	88-106-147
<b>28 X 20</b>	<b>Ak</b> 2.93	T 22 1/2°	27-40-61	32-45-68	38-51-75	43-57-82	49-62-89	54-68-96	59-73-103	65-79-110	70-84-117
24 x 24	2.34	45	16-25-38	19-28-42	23-32-47	27-35-51	30-39-56	34-42-60	37-45-64	41-49-69	44-52-73
	<b>CFM</b>		<b>2500</b>	<b>3000</b>	<b>3500</b>	<b>4000</b>	<b>5000</b>	<b>6000</b>	<b>7000</b>	<b>8000</b>	<b>9000</b>
60 x 12	NC		—	23	27	31	37	41	45	49	52
54 x 14	3.80	0°	38-56-87	45-64-96	52-72-105	60-79-115	67-87-124	74-95-133	82-103-143	89-111-152	96-119-161
<b>34 X 20</b>	<b>Ak</b> 3.67	T 22 1/2°	30-45-70	36-51-77	42-57-85	47-63-92	53-70-100	59-76-107	65-83-114	71-89-122	77-95-129
42 x 18	2.93	45	19-28-44	23-32-48	26-36-53	30-39-58	34-43-62	37-47-67	41-51-71	45-55-76	49-59-80
36 x 20	2.93	45	19-28-44	23-32-48	26-36-53	30-39-58	34-43-62	37-47-67	41-51-71	45-55-76	49-59-80
30 x 24	2.93	45	19-28-44	23-32-48	26-36-53	30-39-58	34-43-62	37-47-67	41-51-71	45-55-76	49-59-80
	<b>CFM</b>		<b>3000</b>	<b>3600</b>	<b>4200</b>	<b>4800</b>	<b>6000</b>	<b>7200</b>	<b>8400</b>	<b>9600</b>	<b>10800</b>
72 x 12	NC		—	24	28	32	38	42	46	50	53
60 x 14	4.59	0°	42-62-95	50-70-105	58-79-115	66-88-126	74-96-136	82-105-146	90-113-157	98-122-167	106-130-177
54 x 16	<b>Ak</b> 4.45	T 22 1/2°	33-50-75	39-57-83	46-64-91	53-70-99	59-77-107	66-84-115	72-91-123	79-98-131	85-105-139
48 x 18	3.55	45	21-32-48	25-36-53	29-40-58	33-44-63	37-48-68	41-53-74	45-57-79	49-61-84	53-65-89
36 x 24	3.55	45	21-32-48	25-36-53	29-40-58	33-44-63	37-48-68	41-53-74	45-57-79	49-61-84	53-65-89
	<b>CFM</b>		<b>3500</b>	<b>4200</b>	<b>4900</b>	<b>5600</b>	<b>7000</b>	<b>8400</b>	<b>9800</b>	<b>11200</b>	<b>12600</b>
72 x 14	NC		20	25	29	32	38	43	47	50	54
60 x 16	4.79	0°	44-55-101	53-66-112	62-77-124	70-88-136	79-99-147	88-111-159	97-122-170	106-133-182	115-144-193
54 x 18	<b>Ak</b> 4.63	T 22 1/2°	35-53-80	42-60-89	49-68-98	57-76-108	64-83-117	71-91-126	79-98-136	86-106-145	93-113-154
48 x 20	3.69	45	22-32-50	26-37-56	31-42-62	35-47-67	40-52-73	44-57-79	48-62-85	53-67-91	57-72-97
30 x 30	3.69	45	22-32-50	26-37-56	31-42-62	35-47-67	40-52-73	44-57-79	48-62-85	53-67-91	57-72-97