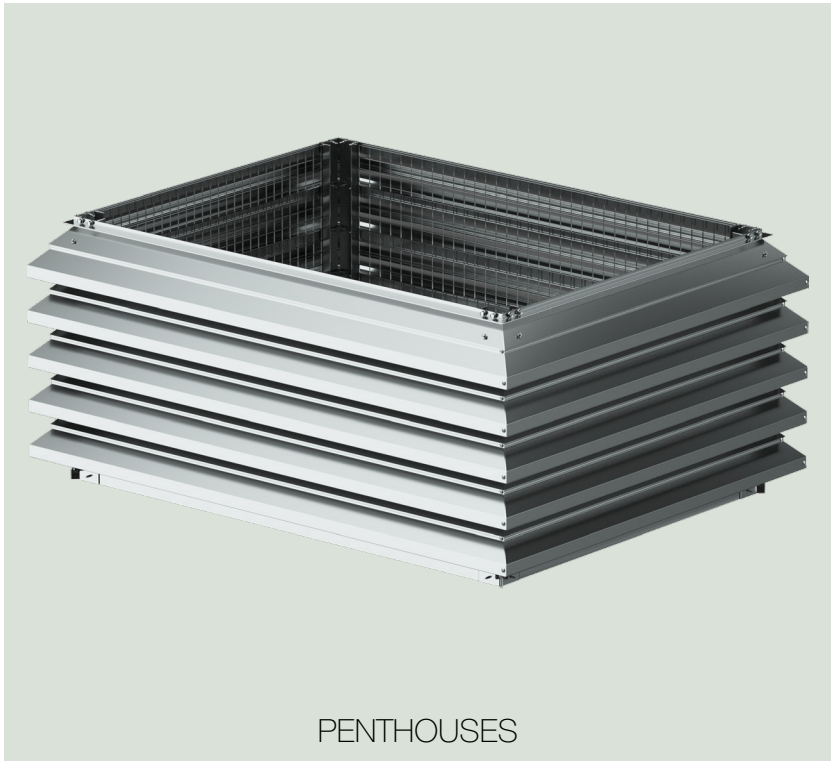


GREENHECK LOUVERS PRODUCT SELECTION GUIDE



CONVENTIONAL STATIONARY

EXTRUDED ALUMINUM - DRAINABLE BLADE

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EDD-401	4	DD	0.081	0.081	AP, WP	8.22	51	992	0.08	8154	8312		
EDD-601	6	DD	0.081	0.081	AP, WP	8.21	51	1107	0.09	9088	8399		
EHM-601	6	DD	0.081	0.081	AP, WP	7.91	49	1065	0.08	8424	6577		
ESD-202	2	D	0.063	0.063	AP, WP	6.01	38	1058	0.13	6359	5963		
ESD-403	4	D	0.081	0.081	AP, WP	8.00	50	1007	0.10	8056	8188		
ESD-435	4	D	0.081	0.081	AP, WP	8.92	56	989	0.07	8822	9219		
ESD-603	6	D	0.081	0.081	AP, WP	8.36	52	1027	0.09	8586	8359		
ESD-635	6	D	0.081	0.081	AP, WP	9.41	59	1250	0.06	11,763	9954		
ESD-635HP	6	D	0.081	0.081	AP, WP	9.84	62	910	0.06	8954	9652		

EXTRUDED ALUMINUM - DRAINABLE HEAD

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area, 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EDJ-401	4	J	0.081	0.081	AP, WP	8.32	52	963	0.08	8012	8325		
EDJ-601	6	J	0.081	0.081	AP, WP	8.69	54	998	0.08	8673	8563		
EDK-430	4	K	0.081	0.081	AP, WP	8.80	55	1002	0.07	8818	9309		

DD = Dual Drainable, D = Drainable, J = J Style, K = K Style, DC = Discharge
AP = Air Performance, WP = Water Penetration, NC = Not Certified

STATIONARY LOUVERS Continued >>



CONVENTIONAL STATIONARY *continued*

EXTRUDED ALUMINUM - NON-DRAINABLE

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
ESJ-202	2	J	0.063	0.063	AP, WP	6.01	38	688	0.14	4015	5853		
ESJ-401	4	J	0.081	0.081	AP, WP	8.44	53	691	0.09	5832	7962		
ESJ-602	6	J	0.081	0.081	AP, WP	8.73	55	739	0.08	6452	8401		
ESK-402	4	K	0.081	0.081	AP, WP	8.45	53	689	0.08	5822	8216		

EXTRUDED ALUMINUM - SIGHTPROOF

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
SED-501	5	CD	0.081	0.081	AP, WP	9.11	57	1134	0.15	10331	7364		

J = J Style, K = K Style, CD = Chevron Drainable, C = Chevron, D = Drainable
AP = Air Performance, WP = Water Penetration

<< *Back to STATIONARY LOUVERS*



GO TO eCAPS
 eCAPS®
Fan Application Suite

VIEW US ON
 YouTube

CONTACT US


LITERATURE




OPERABLE

EXTRUDED ALUMINUM - ADJUSTABLE BLADE

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EAD-401	4	DA	0.081	0.125	AP, WP	6.54	41	920	0.18	6017	7074		
EAD-635	6	DA	0.081	0.125	AP, WP	8.73	55	1107	0.05	9664	9932		
EAH-690 (45° Blade)	6	J	0.081	0.125	AP	6.32	40	1069	-	6756	5056		
EAH-690 (90° Blade)	6	J	0.081	0.125	AP	10.87	70	-	-	-	10055		

EXTRUDED ALUMINUM - COMBINATION LOUVER/DAMPER

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EAC-401	4	DA	0.081	0.125	AP, WP	6.34	40	1192	0.11	7557	6062		
EAC-601	6	DA	0.081	0.125	AP, WP	7.41	46	1024	0.08	7558	7146		
EACA-601	6	DAF	0.081	0.125	AP, WP	7.68	48	1221	0.07	9377	9586		
EACC-401	4	DA	0.081	0.125	NC	5.41	34	1192	0.15	6449	5171		
EACC-601	6	DA	0.081	0.125	NC	6.20	39	1020	0.12	6324	5977		
ECD-401	4	DA	0.081	0.081	AP, WP	7.60	48	1018	0.11	7737	7769		
ECD-601	6	DA	0.081	0.081	AP, WP	7.32	46	1035	0.09	7576	7700		
GCE-402	4	JG	0.081	0.081	NC	6.36	40	-	-	-	-		

DA = Drainable Adjustable, J - J Blade, DAF = Drainable Airfoil, JG - J Blade Gravity
AP = Air Performance, WP = Water Penetration, NC = Not Certified

OPERABLE LOUVERS Continued >>



WIND DRIVEN RAIN

HORIZONTAL BLADES

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EHH-201	2	RR	0.063	0.063	AP, WP, WDR	6.22	39	973	0.22	5667	5487		
EHH-401	4	RR	0.063	0.081	AP, WP, WDR	6.76	42	1043	0.15	8400	5782		
EHH-501	5	RR	0.063	0.081	AP, WP, WDR	6.80	43	1250	0.11	8500	5998		
EHH-601	6	RR	0.081	0.081	AP, WP, WDR	7.58	47	1250	0.13	9475	6091		
EHH-701	7	RR	0.081	0.081	AP, WP, WDR	6.99	43	1250	0.20	8962	4522		

VERTICAL BLADES

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EVB-302	3	RR	0.050	0.062/0.081	AP, WP, WDR, 540, 550	8.13	51	1250	0.10	10163	8601		

EVB-501	5	RR	0.060	0.081	AP, WP, WDR	8.77	55	1250	0.08	10888	8190		
---------	---	----	-------	-------	-------------	------	----	------	------	-------	------	---	---

DUAL MODULE

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EHV-901	9	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.66	54	974	0.16	8434	6088		

EHV-550	5.5	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.02	50	1083	0.21	8662	4812		
---------	-----	----	-------	-------	-----------------------	------	----	------	------	------	------	---	---

RR = Rain Resistant
AP = Air Performance, WP = Water Penetration, WDR = Wind Driven Rain, 540 = AMCA 540, 550 = AMCA 550



HURRICANE

AMCA 540 & 550 LISTED

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EHV-901	9	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.66	54	974	0.16	8434	6088		
EHV-550	5.5	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.02	50	1083	0.18	8001	4812		
EVH-302	3	RR	0.050	0.062/0.081	AP, WP, WDR, 540, 550	8.13	51	1250	0.10	10163	8601		

AMCA 540 & 550 LISTED MIAMI-DADE & FLORIDA APPROVED

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EHV-550D	5.5	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.02	50	1083	0.20	8686	4812		
EHV-901D	9	RR	0.081	0.081	AP, WP, WDR, 540, 550	8.66	54	974	0.16	8434	6088		
EVH-302D	3	RR	0.050	0.062/0.081	AP, WP, WDR, 540, 550	8.13	51	1250	0.10	10163	8601		
EVH-501D	5	RR	0.063	0.081	AP, WP, WDR, 540, 550	8.77	55	1250	0.08	10888	8190		
EVH-660D ³	6	RR	0.063	0.095	AP, WP, WDR, 540, 550	7.29	45	1250	0.12	9113	7160		
EACA-601D	6	DAF	0.081	0.125	AP, WP, 540, 550	7.27	45	1221	0.08	9377	9586		
EHH-601D ^{1,2,4}	6	RR	0.081	0.081	AP, WP, WDR, 540, 550	7.58	47	1250	0.16	9475	5794		

AMCA 540 LISTED MIAMI-DADE & FLORIDA APPROVED

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
ESD-635D ¹	6	D	0.081	0.125	AP, WP, 540	9.41	59	1250	0.06	11763	9954		
ESD-635DE ¹	6	D	0.081	0.081	AP, WP, 540	9.41	59	1250	0.06	11763	9954		
EHH-601DE ^{1,2}	6	RR	0.081	0.081	AP, WP, WDR, 540	7.58	47	1250	0.16	970	6024		

RR = Rain Resistant, DAF = Drainable Airfoil, D = Drainable, C = Chevron, J = J Style
AP = Air Performance, WP = Water Penetration, WDR = Wind Driven Rain, S = Sound, 540 = AMCA 540 Listed, 550 = AMCA 550 Listed
¹ Available with optional VCD-40 damper mounted on the interior of the louver. ² Complies with TAS-100(A) when damper is applied. ³ Complies with TAS-100(A). ⁴ Complies with AMCA 550 when combined with optional factory attached VCD-40 damper in the closed position.

HURRICANE LOUVERS continued >>

HURRICANE *continued*

AMCA 540 FLORIDA APPROVED

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
ESD-435X	4	D	0.081	0.081	AP, WP, 540	8.92	56	989	0.07	8881	8670		
ESD-635X	6	D	0.081	0.081	AP, WP, 540	9.41	59	1250	0.06	11763	9954		
EHH-501X	5	RR	0.081	0.081	AP, WP, WDR, 540	6.80	43	1250	0.11	8500	5998		

RR = Rain Resistant, DAF = Drainable Airfoil, D = Drainable, C = Chevron, J = J Style
AP = Air Performance, WP = Water Penetration, WDR = Wind Driven Rain, S = Sound, 540 = AMCA 540 Listed, 550 = AMCA 550 Listed
¹ Available with optional VCD-40 damper mounted on the interior of the louver. ² Complies with TAS-100(A) when damper is applied. ³ Complies with TAS-100(A).

<< *Back to HURRICANE LOUVERS*



GO TO eCAPS
 Fan Application Suite

VIEW US ON


CONTACT US


LITERATURE




SPECIALTY LOUVERS

BRICK VENTS

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
BVE	4	BV	0.125	0.125	NC	-	-	-	-	-	-		
<u>Available sizes:</u> 8.125 x 2.375", 8.125 x 4.75", 8.125 x 7.75", 12 x 2.375", 12 x 4.75", 12 x 7.75", 12 x 11.75", 15.625 x 7.75", 15.625 x 15.75", 16.5 x 2.375", 16.5 x 4.75", 16.5 x 7.75", 16.5 x 15.75", 24 x 2.375", 24 x 4.75", 24 x 7.75", 32 x 7.75", 48 x 7.75"													
BVF	1.5	BV	0.125	0.125	NC	-	-	-	-	-	-		
<u>Available sizes:</u> 8.125 x 2.375", 8.125 x 4.75", 8.125 x 7.75", 12 x 2.375", 12 x 4.75", 12 x 7.75", 12 x 11.75", 15.625 x 7.75", 15.625 x 15.75", 16.5 x 2.375", 16.5 x 4.75", 16.5 x 7.75", 16.5 x 15.75", 24 x 2.375", 24 x 4.75", 24 x 7.75", 32 x 7.75", 48 x 7.75"													
*BVF Brick Vents add 1" face flange on all four (4) sides to order size.													

EQUIPMENT SCREEN

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
EES-401	4	J	0.081	NA	NC	8.23	51	-	-	-	-		

FEMA 361 TORNADO

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
AFL-501	5.5	SP	0.250	0.250	AP, WP	7.55	47	634	0.16	4786	5710		

BV = Brick Vent, J = J Blade, SP = Sightproof
AP = Air Performance, WP = Water Penetration, NC = Not Certified

SPECIALTY LOUVERS Continued >>



SPECIALTY LOUVERS *continued*

THINLINE LOUVERS

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
ESJ-155	1.5	J	0.056	0.063	NC	7.35	46	-	-	-	-		
ESU-153	1.5	T	0.050	0.063	NC	11.20	70	-	-	-	-		
ESU-154	1.5	T	0.050	0.063	NC	8.49	53	-	-	-	-		

ACOUSTICAL LOUVERS

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
AFA-801	8	AF	0.080	0.080	AP, WP, S	5.21	33	879	0.09	4580	7508		
AFJ-120	12	J	0.080	0.080	AP, WP, S	3.39	21	1108	0.32	3258	4198		
AFJ-601	6	J	0.080	0.080	AP, WP, S	4.89	31	799	0.15	3907	6015		
AFJ-801	8	J	0.080	0.080	AP, WP, S	4.28	27	887	0.20	3796	5192		

J = J Style, T = Thinline, AF = Airfoil, C = Chevron
AP = Air Performance, WP = Water Penetration, S = Sound

<< *Back to SPECIALTY LOUVERS*



GO TO eCAPS
 Fan Application Suite

VIEW US ON


CONTACT US


LITERATURE




PENTHOUSES

STANDARD PENTHOUSE

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website
WIHWRH	4	J	0.081	0.081	NC	ft²	%	-	-	-	-	

MIAMI-DADE & FLORIDA APPROVED PENTHOUSES

Model Name	Depth (in)	Blade Style	Blade Thickness (in)	Frame Thickness (in)	AMCA Licensed Ratings	Free Area - 4' x 4' Unit		Beginning Point of Water Penetration (ft/min)	Pressure Drop @ 6,000 CFM Intake (in wg)	Max Intake Volume Flow Rate (cfm)	Exhaust Volume Flow Rate @ 0.15 in wg (cfm)	Website	Submittal PDF
ESD-635PD	6	D	0.081	0.081	NC	ft²	%	-	-	-	-		
EHH-601PD	6	RR	0.081	0.081	NC	ft²	%	-	-	-	-		

J = J Style, D = Drainable, RR = Rain Resistant
NC = Not Certified



GO TO eCAPS
 Fan Application Suite

VIEW US ON


CONTACT US


LITERATURE




LITERATURE



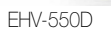
EFFECTS OF SCREEN



DATA CENTER



EAD-635



INTRODUCTION TO INTAKE & EXHAUST LOUVERS

LOUVERS REQUIREMENTS FOR HURRICANE PRONE REGIONS

UNDERSTANDING THE AMCA STANDARD 500-L TESTS

HOW TO SPECIFY AMCA-CERTIFIED SAND LOUVERS



GO TO eCAPS

 eCAPS®
Fan Application Suite

VIEW US ON
YouTube

CONTACT US

LITERATURE

