



3900 Dr. Greaves Rd. • Kansas City, MO 64030 • (816) 761-7476 • FAX (816) 765-8955

LOUVER QUICK REFERENCE CHART
EFFECTIVE AUGUST, 2003 (Replaces May 1, 2001)

LOUVER MODEL	FUNCTION	BLADE STYLE	FRAME/BLADE MATERIAL THICKNESS INCHES & (mm)	BLADE ANGLE	BLADE CENTERS INCHES & (mm)	WATER PENETRATION .01 OZ/SQ. FT. FREE AREA FPM (m/min)	FRAME DEPTH INCHES & (mm)	FREE AREA 48" (1219) HEIGHT	
EXTRUDED ALUMINUM STATIONARY WALL LOUVERS									
ELF15J	Stationary	Thinline J	.063/.063 (1.6/1.6)	45°	17/8 (48)	390 (119)	1 1/2 (32)	50%	
ELF211	Stationary	Thinline J	.060/.060 (1.5/1.5)	45°	33/16 (81)	N/A	2 (51)	42%	
ELF211D*	Stationary	Thinline Drain	.060/.060 (1.5/1.5)	45°	33/16 (81)	1197 (365)	2 (51)	38%	
ELF22V	Stationary	Chevron**	.060/.060 (1.5/1.5)	60°	2 (51)	N/A	2 (51)	28%	
ELF30V	Stationary	Chevron**	.081/.081 (2.1/2.1)	45°	17/16 (37)	N/A	3 (76)	56%	
ELF445DX*	Stationary	Drainable	.081/.081 (2.1/2.1)	45°	4 (102)	1075 (328)	4 (102)	52%	
ELF445DXH*	H.D. Stationary	Drainable	.125/.125 (3.2/3.2)	45°	4 (102)	1075 (328)	4 (102)	52%	
ELF375X*	Stationary	J	.081/.081 (2.1/2.1)	37 1/2°	5 3/32 (129)	803 (245)	4 (102)	54%	
ELF375XH*	H.D. Stationary	J	.125/.125 (3.2/3.2)	37 1/2°	5 3/32 (129)	803 (245)	4 (102)	54%	
ELF375DX*	Stationary	Drainable	.081/.081 (2.1/2.1)	37 1/2°	5 3/32 (129)	873 (266)	4 (102)	54%	
ELF375DXH*	H.D. Stationary	Drainable	.125/.125 (3.2/3.2)	37 1/2°	5 3/32 (129)	873 (266)	4 (102)	54%	
ELF81S30	Stationary	K	.081/.081 (2.1/2.1)	30°	3 1/4 (83)	644 (196)	4 (102)	52%	
ELF811SH	H.D. Stationary	K	.125/.125 (3.2/3.2)	45°	5 (127)	707 (214)	4 (102)	44%	
ELF837*	Stationary	J	.081/.081 (2.1/2.1)	37 1/2°	4 3/4 (121)	696 (212)	4 (102)	52%	
ELF811DD*	Stationary	Dbl. Drainable	.090/.081 (2.3/2.1)	45°	5 3/32 (129)	974 (297)	4 (102)	44%	
ELF40V	Stationary	Chevron**	.081/.081 (2.1/2.1)	60°	4 (102)	N/A	4 (102)	35%	
ELF40Y	Stationary	Inverted Y**	.081/.081 (2.1/2.1)	45°	4 (102)	N/A	4 (102)	33%	
ELF6375X*	Stationary	J	.081/.081 (2.1/2.1)	37 1/2°	5 29/32 (150)	1010 (308)	6 (152)	55%	
ELF6375XH*	H.D. Stationary	J	.125/.125 (3.2/3.2)	37 1/2°	5 29/32 (150)	1010 (308)	6 (152)	55%	
ELF6375DX*	Stationary	Drainable	.081/.081 (2.1/2.1)	37 1/2°	5 29/32 (150)	1023 (312)	6 (152)	57%	
ELF6375DXH*	H.D. Stationary	Drainable	.125/.125 (3.2/3.2)	37 1/2°	5 29/32 (150)	1023 (312)	6 (152)	57%	
ELF6425DD*	Stationary	Dbl. Drainable	.081/.081 (2.1/2.1)	42 1/2°	5 (127)	852 (260)	6 (152)	51%	
ELF6811	Stationary	J	.125/.090 (3.2/2.3)	45°	6 (152)	680 (207)	6 (152)	49%	
ELF6811S	Stationary	K	.125/.090 (3.2/2.3)	45°	6 (152)	680 (207)	6 (152)	49%	
ELF6811DD*	Stationary	Dbl. Drainable	.120/.100 (3.2/2.5)	45°	6 (152)	1080 (329)	6 (152)	44%	
EAL6811*	Stationary	Acoustical	.125/.081 (3.2/2.1)	45°	4 5/8 (118)	1019 (311)	6 (152)	30%	
EXTRUDED ALUMINUM ADJUSTABLE WALL LOUVERS									
EAL6811M*	Adjustable	Acoustical	.125/.081 (3.2/2.1)	45°	4 5/8 (118)	1250 (381)	6 (152)	30%	
ELM811	Adjustable	J	.081/.081 (2.1/2.1)	45°	4 3/4 (121)	N/A	4 (102)	38%	
ELM811H	H.D. Adjustable	J	.125/.125 (3.2/3.2)	45°	4 3/4 (121)	N/A	4 (102)	38%	
ELM811D	Adjustable	Drainable	.080/.080 (2/2)	45°	5 (127)	N/A	4 (102)	37%	
ELM6375X*	Adjustable	J	.081/.081 (2.1/2.1)	37 1/2°	6 (152)	801 (244)	6 (152)	54%	
ELM6375DX*	Adjustable	Drainable	.081/.081 (2.1/2.1)	37 1/2°	6 (152)	846 (258)	6 (152)	54%	
ELM6375H	H.D. Adjustable	J	.125/.125 (3.2/3.2)	37 1/2°	4 1/2 (114)	N/A	6 (152)	53%	
ELM6375DH	H.D. Adjustable	Drainable	.125/.125 (3.2/3.2)	37 1/2°	4 1/2 (114)	873 (266)	6 (152)	52%	
ELM90	Adjustable	J	.125/.081 (3.2/2.1)	70°	4 3/4 (121)	N/A	6 (152)	58%	
ELM90H	Adjustable	J	.125/.125 (3.2/3.2)	70°	4 3/4 (121)	N/A	6 (152)	58%	
EXTRUDED ALUMINUM COMBINATION WALL LOUVERS									
ELBD812	Combination	J Backdraft	.081/.081/.050(2.1/2.1/1.3)	45°	5 (127)	N/A	4 (102)	40%	
ELBD813	Combination	J Backdraft	.081/.081/.050(2.1/2.1/1.3)	45°	5 (127)	N/A	4 (102)	40%	
ELC445D*	Combination	Drainable	.081/.060/.125(2.1/1.5/3.2)	45°	4 7/16 (113)	974 (297)	4 (102)	39%	
ELC6375*	Combination	J	.125/.080/.125(3.2/2/3.2)	37 1/2°	4 1/2 (114)	855 (261)	6 (152)	43%	
ELC6375AF	Combination	J Airfoil	.125/.080/.140(3.2/2/3.6)	37 1/2°	4 1/2 (114)	855 (261)	6 (152)	43%	
ELC6375D*	Combination	Drainable	.125/.080/.125(3.2/2.1/3.2)	37 1/2°	4 1/2 (114)	1068 (325)	6 (152)	43%	
ELC6375DAX*	Combination	Drainable AF	.125/.081/.140(3.1/2.1/3.6)	37 1/2°	6 1/8 (156)	1169 (356)	6 (152)	47%	
ELC6375DAF*	Combination	Drainable AF	.125/.081/.140(3.2/2.1/3.6)	37 1/2°	4 1/2 (114)	1033 (315)	6 (152)	47%	
EXTRUDED ALUMINUM IMPACT RESISTANT HURRICANE WALL LOUVERS									
ELF6375DXD	Stationary	Drainable	.081/.081 (2.1/2.1)	37 1/2°	5 29/32 (150)	1023 (312)	6 (152)	57%	
EME6625D	Stationary	Vertical**	.125/.081 (3.2/2.1)	NA	1 (25)	Above 1250 (381)	6 (152)	43%	
EXTRUDED ALUMINUM RAIN RESISTANT WALL LOUVERS									
EME4625*	Stationary	Vertical**	.081/.081 (2.1/2.1)	NA	1 3/4 (44)	Above 1250 (381)	4 (102)	41%	
EME6625*	Stationary	Vertical**	.125/.081 (3.2/2.1)	NA	1 1/2 (38)	Above 1250 (381)	6 (152)	43%	
EME520DD*	Stationary	Horizontal**	.081/.081 (2.1/2.1)	NA	2 (51)	Above 1250 (381)	5 (127)	44%	
ELF820DD	Stationary	Horizontal**	.081/.060 (2.1/1.5)	54°	2 3/4 (70)	Above 1250 (381)	8 (203)	46%	

*Licensed to bear the AMCA Seal
SPEC LQR-803/Replaces LQR-501

**Sightproof
Dimensions shown in parentheses () indicate millimeters.
ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.

LOUVER QUICK REFERENCE CHART

EQUIPMENT SCREENS

BLADE STYLE	MATERIAL	BLADE WIDTH	BLADE MATERIAL THICKNESS INCHES & (mm)	BLADE ANGLE	TYPICAL BLADE SPACING INCHES & (mm)	BLADE DEPTH INCHES & (mm)	FREE AREA 48" (1219) HEIGHT
EV300	Aluminum	3 (76)	.060 (1.5)	N/A	2 (51)	1 ³ / ₄ (44)	24%
EV400	Aluminum	3 ¹ / ₂ (89)	.051 (1.3)	N/A	1/2 (13)	5/8 (16)	25%
EV400V	Aluminum	3 ¹ / ₂ (89)	.051 (1.3)	N/A	1/2 (13)	1 ¹ / ₂ (38)	25%
EV538	Aluminum	4 ⁵ / ₈ (117)	.080 (2)	N/A	4 ³ / ₈ (111)	5 ³ / ₈ (137)	45%
EV700	Aluminum	7 (178)	.080 (2)	N/A	6 ¹ / ₂ (165)	2 ¹ / ₂ (64)	17%
EV811	Aluminum	N/A (N/A)	.080 (2)	45°	5 (127)	4 (102)	44%
LV811	Galvanized	N/A (N/A)	20 ga. (1)	45°	5 (127)	4 (102)	40%

SPECIALTIES

MODEL	MATERIAL	CONSTRUCTION	GAUGES	BLADE ANGLE	DEPTH	FREE AREA
EG100	Aluminum	Welded	.125 (3.2)	Varies	2-6 (51-152)	Varies
BV100 w/flange	Aluminum	Mech. Fastened	.100 (2.5)	45°	1 ¹ / ₂ (38)	39%
BV100 w/std. frame	Aluminum	Mech. Fastened	.100 (2.5)	45°	4 (102)	39%
BVC100	Cast. Aluminum	Cast	356 Casting	N/A	4 (102)	39%
ELT	Aluminum	Welded	Varies	Varies - see specification sheet for desired model.	2-6 (51-152)	Varies - see specification sheet for desired model.
ELR	Aluminum	Welded	Varies	Varies - see specification sheet for desired model.	2-6 (51-152)	Varies - see specification sheet for desired model.

PENTHOUSES

PENTHOUSE MODEL	MATERIAL	CORNER TYPE	AVAILABLE BLADE STYLES	ROOF GAUGE Aluminum Formed Steel
PHM	Aluminum	Mitered	Any non-drainable stationary extruded aluminum louver.	.063 (1.6) 20 (1)
PHB	Aluminum or Formed Steel	Box	Any extruded aluminum or formed steel louver.	.063 (1.6) 20 (1)
PHM837	Aluminum	Mitered	ELF837	.063 (1.6) 20 (1)

LOUVER MODEL	FUNCTION	BLADE STYLE	FRAME/BLADE MATERIAL THICKNESS INCHES & (mm)	BLADE ANGLE	BLADE CENTERS INCHES & (mm)	WATER PENETRATION .01 OZ/SQ. FT. FREE AREA FPM (m/min)	FRAME DEPTH INCHES & (mm)	FREE AREA 48" (1219) HEIGHT
FORMED STEEL STATIONARY WALL LOUVERS								
L24	Stationary	Chevron**	20/20 (1/1)	45°	2 ¹ / ₂ (64)	N/A	4 (102)	42%
L330	Stationary	J	20/20 (1/1)	30°	4 (102)	674 (205)	4 (102)	53%
L375D*	Stationary	Drainable	18/18 (1.3/1.3)	37 ¹ / ₂ °	3 ¹ / ₂ (89)	961 (293)	4 (102)	51%
L530	Stationary	K	18/20 (1.3/1)	30°	4 (102)	N/A	4 (102)	50%
L811*	Stationary	J	18/20 (1.3/1)	45°	5 (127)	725 (221)	4 (102)	45%
L811S*	Stationary	K	18/20 (1.3/1)	45°	5 (127)	722 (220)	4 (102)	44%
L26	Stationary	Chevron**	20/20 (1/1)	45°	3 ¹ / ₂ (89)	N/A	6 (152)	47%
L6375D*	Stationary	Drainable	18/18 (1.3/1.3)	37 ¹ / ₂ °	4 ³ / ₄ (121)	896 (273)	6 (152)	54%
L6811	Stationary	J	20/20 (1/1)	45°	6 ¹ / ₁₆ (170)	688 (204)	6 (152)	42%
L6811S	Stationary	K	20/20 (1/1)	45°	6 ¹ / ₁₆ (170)	688 (207)	6 (152)	42%
FORMED STEEL ADJUSTABLE & COMBINATION WALL LOUVERS								
L745	Adjustable	J	16/16 (1.6/1.6)	45°	4 (102)	N/A	4 (102)	36%
L6745	Adjustable	J	16/16 (1.6/1.6)	45°	6 (152)	N/A	6 (152)	43%
LM6811	Adjustable	J	16/16 (1.6/1.6)	90°	7 ¹ / ₁₆ (198)	N/A	6 (152)	76%
IL35	Adjustable	Insulated	16/16 (1.6/1.6)	45°	6 (152)	N/A	5 (127)	44%
LC6375D*	Combination	Drainable	16/18/16 (1.6/1.3/1.6)	37 ¹ / ₂ °	4 ¹ / ₂ (114)	1046 (319)	6 (152)	45%
FORMED STEEL ACOUSTICAL WALL LOUVERS (AVAILABLE IN FORMED ALUMINUM)								
ACL445*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	6 (152)	703 (214)	4 (102)	30%
ACL645*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	6 (152)	872 (266)	6 (152)	29%
ACL845*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	8 (203)	838 (255)	8 (203)	27%
ACL845AF*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	8 (203)	above 1250 (381)	8 (203)	20%
ACL1245*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	12 (305)	1054 (321)	12 (305)	22%
ACL1245AF*	Stationary	Acoustical	16/18 (1.6/1.3)	45°	12 (305)	1126 (343)	12 (305)	23%