

LOUVERS

MODEL K3-SRF series

WEATHER PROOF LOUVER

APPLICATION

Extruded aluminum stationary, architecturally styled, non-drainable louver that protects air intake and exhaust openings in exterior walls. Designed with hidden vertical mullions for a continuous line appearance.

STANDARD CONSTRUCTION

FRAME

Extruded aluminum 1.8mm (0.07") nominal wall thickness & 75mm (3") depth.

BLADES

Extruded aluminum 1.6mm (0.063") nominal wall thickness.

BLADE CENTERS:

60 mm (2 1/2") maximum centers at head and sills.
Corrosion resistant steel fasteners used at assembly.

FLANGE:

25mm (1") flange on model K3-SRF (standard)

SCREEN:

- Galvanized bird screen (standard)
- Aluminum bird screen
- Stainless steel bird screen
- Galvanized insect screen
- Aluminum insect screen
- Stainless steel insect screen

FINISH:

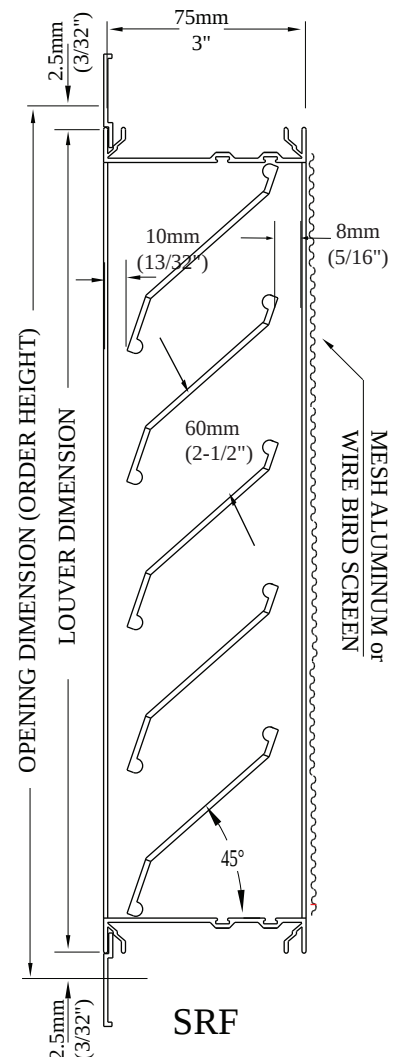
- Mill Finish (standard)
- Anodize
- All RAL colors

SIZES:

Minimum width: 8"
Minimum height: 8"
Maximum single section:
Width 144" x Height 92"
Width 92" x Height 144"
Multiple section: Unlimited
Maximum single section area: 13248 in²

N.B: 5mm clearance is deducted from your order size.

For more information please consult our engineer

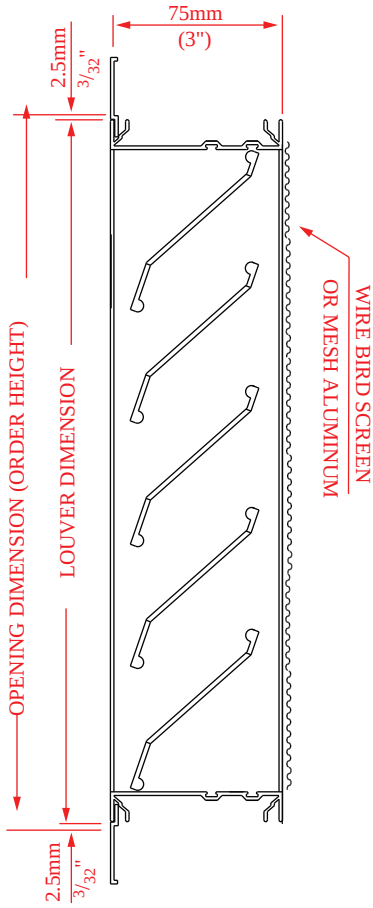


LOUVERS

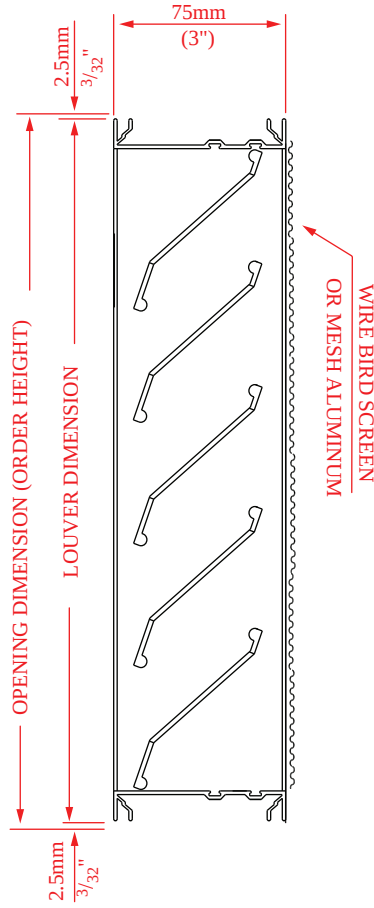
MODEL K3-SRF series

WEATHER PROOF LOUVER

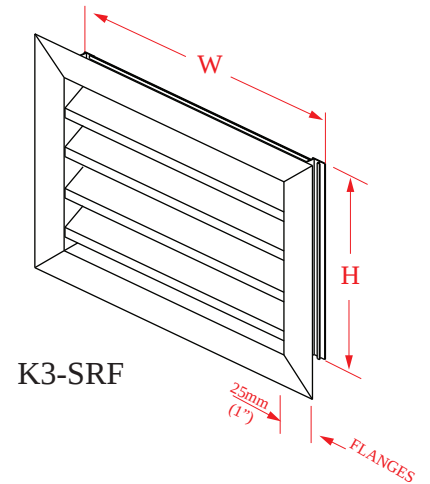
ILLUSTRATIONS



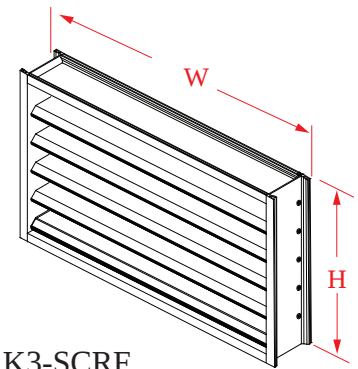
K3-SRF
VERTICAL
SECTION



K3-SCRF
VERTICAL
SECTION



K3-SRF



K3-SCRF



Single Section Louver

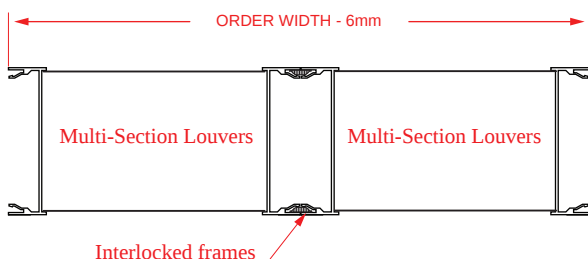
K3-SCRF

HORIZONTAL SECTIONS



Single Section Louver

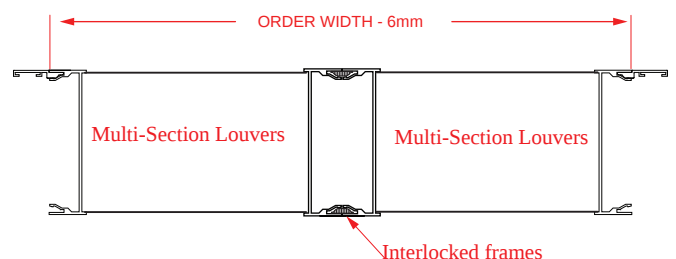
K3-SRF



Multi-Section Louvers

Multi-Section Louvers

Interlocked frames



Multi-Section Louvers

Multi-Section Louvers

Interlocked frames

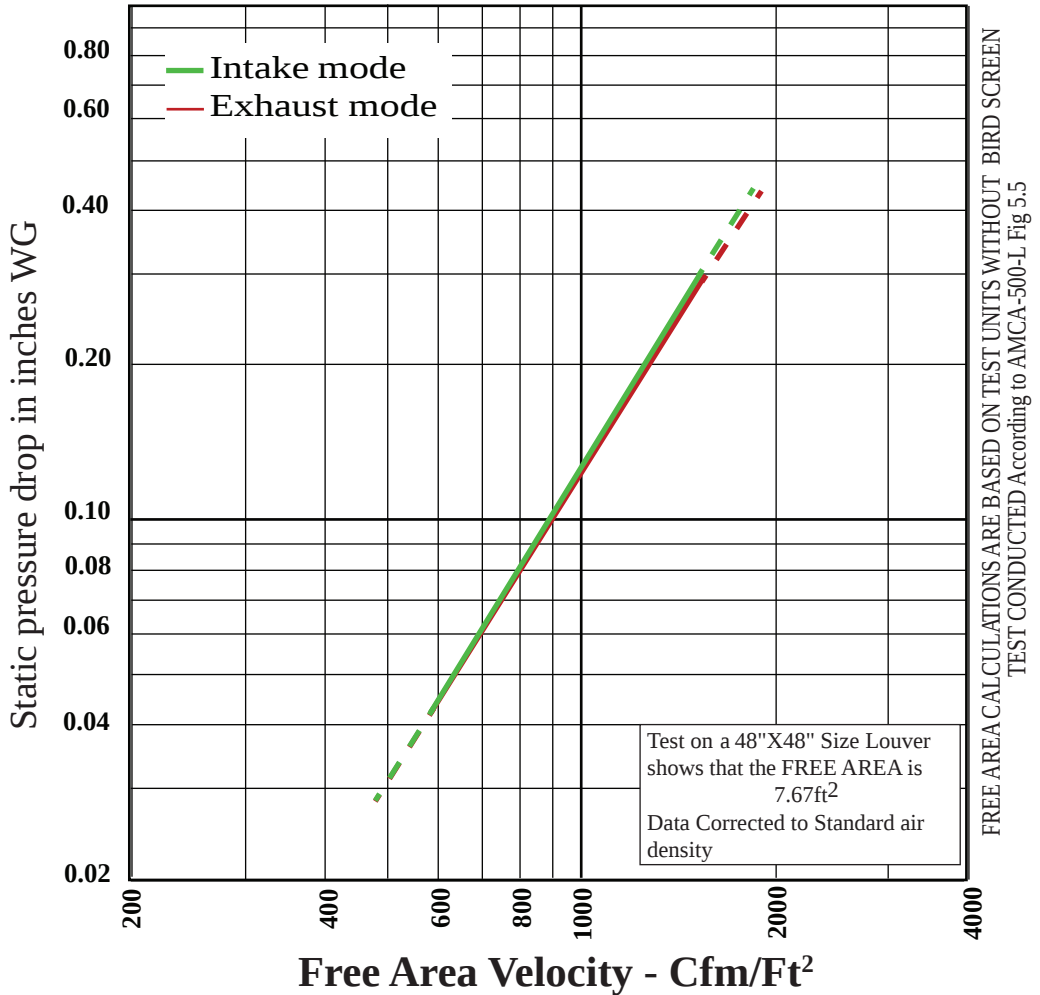
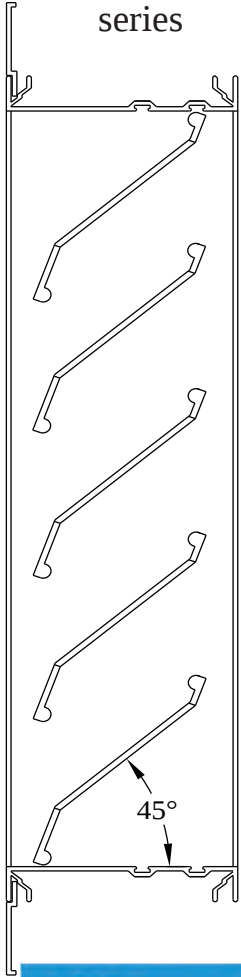
MULTIPLE SECTION LOUVERS

LOUVERS

MODEL K3-SRF series

AIR PERFORMANCE

MODEL
K3-SRF
series



KBE International certify that K3-SRF louver shown herein are licensed to bear the AMCA seal. The rating shown are based on test & procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program The AMCA Certified Rating Seal applies to Water Penetration & Air Performance rating Only.

LOUVER
HEIGHT

FREE AREA IN SQ. FT
LOUVER WIDTH

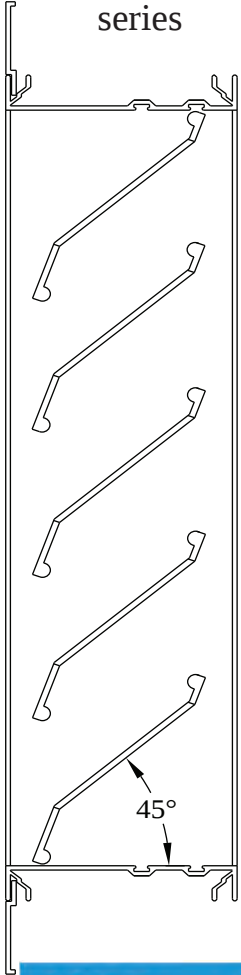
Inch	12	18	24	30	36	42	48	54	60	66	72	78	84	90	92	96	102	108	114	120	126	132	138	144
12	0.31	0.47	0.65	0.82	0.99	1.16	1.33	1.50	1.68	1.85	2.02	2.19	2.36	2.53	2.59	2.71	2.88	3.05	3.22	3.39	3.56	3.74	3.91	4.08
18	0.54	0.83	1.13	1.43	1.73	2.03	2.33	2.63	2.93	3.23	3.53	3.84	4.14	4.44	4.54	4.74	5.04	5.34	5.64	5.94	6.24	6.54	6.84	7.14
24	0.77	1.19	1.62	2.05	2.47	2.90	3.33	3.76	4.19	4.62	5.05	5.48	5.91	6.34	6.48	6.77	7.20	7.62	8.05	8.48	8.91	9.34	9.77	10.20
30	0.99	1.54	2.10	2.66	3.22	3.78	4.33	4.89	5.45	6.01	6.56	7.12	7.68	8.24	8.42	8.80	9.35	9.91	10.47	11.03	11.59	12.14	12.70	13.26
36	1.22	1.90	2.59	3.27	3.96	4.65	5.33	6.02	6.71	7.39	8.08	8.77	9.45	10.14	10.37	10.83	11.51	12.20	12.89	13.57	14.26	14.95	15.63	16.32
42	1.45	2.26	3.07	3.89	4.70	5.52	6.33	7.15	7.96	8.78	9.59	10.41	11.23	12.04	12.31	12.86	13.67	14.49	15.30	16.12	16.93	17.75	18.56	19.38
48	1.76	2.73	3.72	4.71	5.69	6.68	7.67	8.65	9.64	10.63	11.61	12.60	13.59	14.58	14.90	15.56	16.55	17.54	18.52	19.51	20.50	21.49	22.47	23.46
54	1.91	2.97	4.04	5.11	6.19	7.26	8.33	9.41	10.48	11.55	12.62	13.70	14.77	15.84	16.20	16.92	17.99	19.06	20.14	21.21	22.28	23.35	24.43	25.50
60	2.14	3.32	4.53	5.73	6.93	8.13	9.33	10.53	11.74	12.94	14.14	15.34	16.54	17.74	18.15	18.95	20.15	21.35	22.55	23.75	24.95	26.16	27.36	28.56
66	2.45	3.80	5.17	6.55	7.92	9.29	10.67	12.04	13.41	14.79	16.16	17.53	18.91	20.28	20.74	21.65	23.03	24.40	25.77	27.15	28.52	29.89	31.27	32.64
72	2.68	4.16	5.66	7.16	8.66	10.16	11.67	13.17	14.67	16.17	17.67	19.18	20.68	22.18	22.68	23.68	25.18	26.69	28.19	29.69	31.19	32.70	34.20	35.70
78	2.91	4.51	6.14	7.77	9.40	11.04	12.67	14.30	15.93	17.56	19.19	20.82	22.45	24.08	24.63	25.71	27.34	28.97	30.61	32.24	33.87	35.50	37.13	38.76
84	3.14	4.87	6.63	8.39	10.15	11.91	13.67	15.43	17.19	18.94	20.70	22.46	24.22	25.98	26.57	27.74	29.50	31.26	33.02	34.78	36.54	38.30	40.06	41.82
90	3.37	5.22	7.11	9.00	10.89	12.78	14.67	16.55	18.44	20.33	22.22	24.11	26.00	27.88	28.51	29.77	31.66	33.55	35.44	37.33	39.21	41.10	42.99	44.88
92	3.44	5.34	7.27	9.21	11.14	13.07	15.00	16.93	18.86	20.79	22.72	24.66	26.59	28.52	29.16	30.45	32.38	34.31	36.24	38.17	40.11	42.04	43.97	45.90
96	3.60	5.58	7.60	9.61	11.63	13.65	15.67	17.68	19.70	21.72	23.73	25.75	27.77	29.79	30.46									
102	3.83	5.94	8.08	10.23	12.37	14.52	16.67	18.81	20.96	23.10	25.25	27.40	29.54	31.69	32.40									
108	4.06	6.29	8.57	10.84	13.12	15.39	17.67	19.94	22.22	24.49	26.76	29.04	31.31	33.59	34.35									
114	4.29	6.65	9.05	11.46	13.86	16.26	18.67	21.07	23.47	25.88	28.28	30.68	33.09	35.49	36.29									
120	4.52	7.01	9.54	12.07	14.60	17.13	19.67	22.20	24.73	27.26	29.79	32.33	34.86	37.39	38.23									
126	4.75	7.36	10.02	12.68	15.34	18.00	20.67	23.33	25.99	28.65	31.31	33.97	36.63	39.29	40.18									
132	4.97	7.72	10.51	13.30	16.09	18.88	21.67	24.46	27.24	30.03	32.82	35.61	38.40	41.19	42.12									
138	5.20	8.07	10.99	13.91	16.83	19.75	22.67	25.58	28.50	31.42	34.34	37.26	40.18	43.09	44.07									
144	5.43	8.43	11.48	14.52	17.57	20.62	23.67	26.71	29.76	32.81	35.85	38.90	41.95	45.00	46.01									

LOUVERS

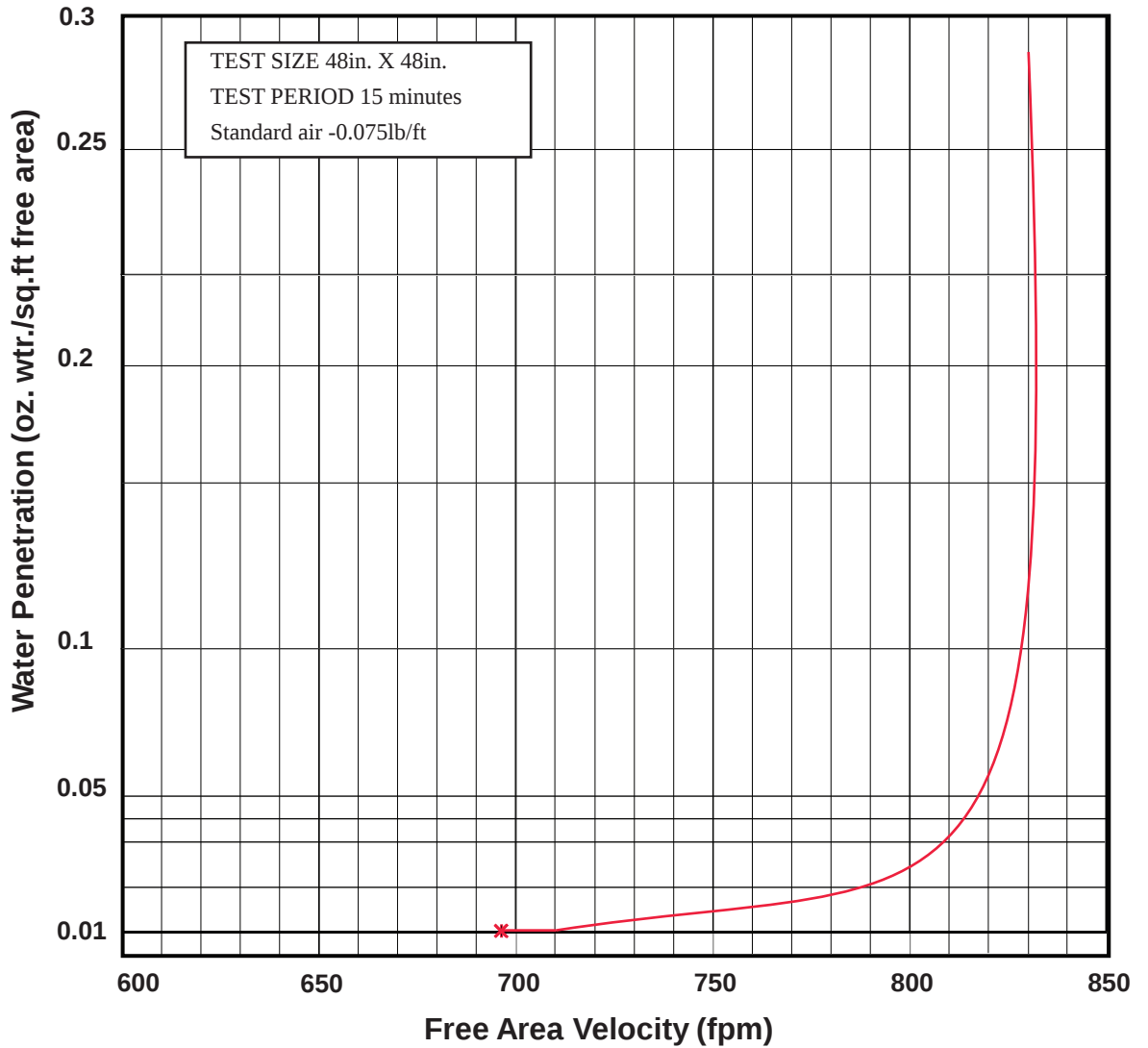
MODEL K3-SRF series

WATER PENETRATION

MODEL
K3-SRF
series



KBE International certify that K3-SRF louver shown herein are licensed to bear the AMCA seal. The rating shown are based on test & procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Rating Seal applies to Water Penetration & Air Performance rating Only.



The AMCA Water Penetration Test provides a method for comparing various louver models and designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

The beginning point of water penetration is defined as that velocity where the water penetration curve projects through 0.01oz of water penetration per sq. ft. of louver free area.

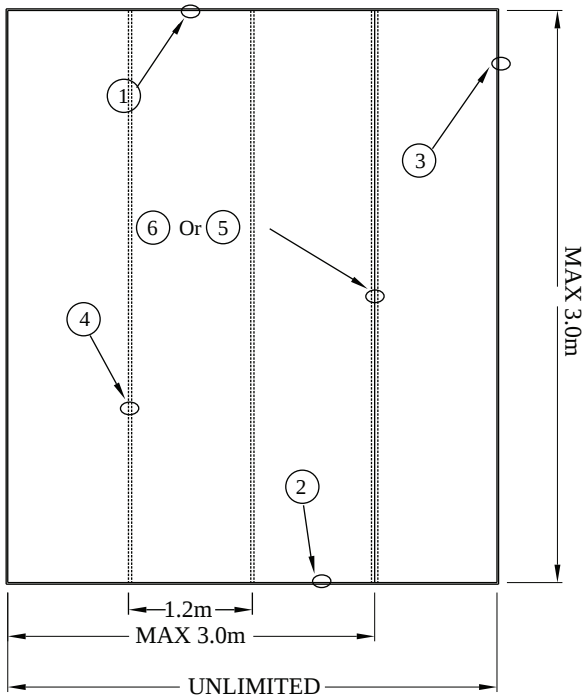
Beginning of water penetration per
AMCA Publication 511 Section 8.3.2
based on AMCA measured free area :
698 fpm

These performance ratings do not guarantee a louver to be weather-proof or stormproof and should be used in combination with other factors including good engineering judgement in selecting louvers.

LOUVERS

MODEL K3-SRF series

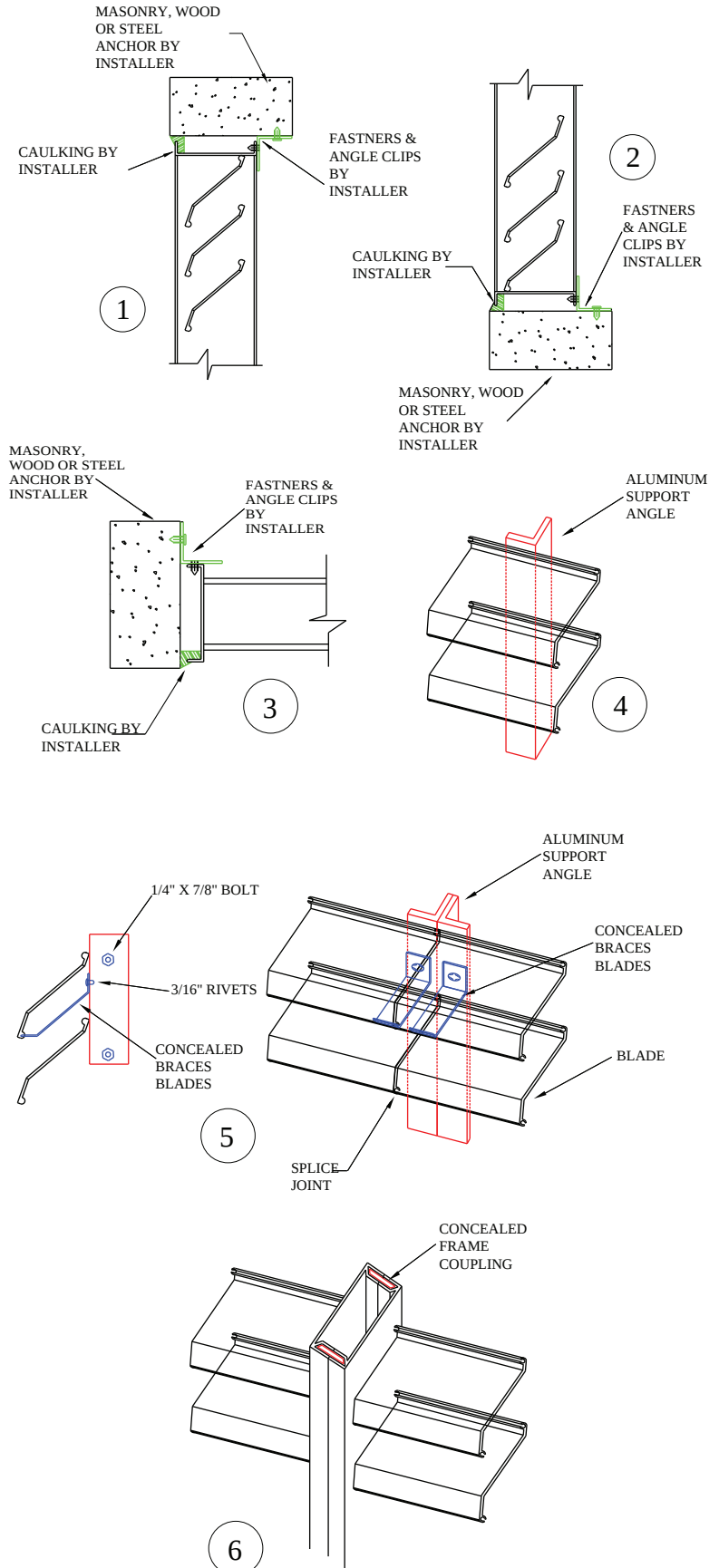
TYPICAL INSTALLATION DETAILS



Large opening sizes may ship in multiple ship sections, which require field assembly to make-up the overall louver size. Design, materials and installation of structural reinforcement, required to adequately support large opening, is not provided by KBE. Unless specifically indicated, the following are Not included in the quote provided:

- * Installation hardware (anchors, angle clips, continuous angles, shims, fasteners, inserts, backer rod and sealant).
- * Structural calculations by a professional engineer.
- * Field measuring and/or installation.
- * Miscellaneous flashing trim or enclosures.
- * Blankoff panels.
- * Mullion covers or mullion hardware.
- * Hinged louvers and/or removable type (louvers installed within a removable subframe).
- * Custom or special bird/insect screen
- * Paint finishes.

When used in Direct fan discharge application louver should be located at least 3m from fan discharge.



LOUVERS

MODEL K3-SRF series

ORDERING INFORMATION

MODEL	FLANGE	SCREEN	FINISH	WIDTH	HEIGHT
K3	- SRF	- --	- --	- -- x	--
	↑ SRF: With 25mm flange (Std) SCRF: Without flange	↑ --: Mill Finish (STD) RAL"num" : Any Ral color	↑ --: No Screen (Standard) BSAL: with Aluminum bird screen BSGI: with Galvanized bird screen BSSS: with Stainless Steel bird screen ISAL: with Aluminum insect screen ISGI: with Galvanized insect screen ISSS: with Stainless Steel insect screen	↑ 8"	↑ 8"

• Sizes:

- Minimum size: 200x200mm (8"x8")
- Maximum size: 3658x2337mm (144"x92")
2337x3658mm (92"x144")

•N.B: A 5mm clearance is deducted from your order size.

For more information please consult our engineers.