

LOUVERS

MODEL K4-SRF series

WEATHER PROOF LOUVER

APPLICATION

Extruded aluminum stationary, architecturally styled, non-drainable louver that provides protection for air openings against external weather factors such as rain and wind, as well as leaves and birds. Designed with hidden vertical mullions for a continuous line appearance.

STANDARD CONSTRUCTION

FRAME

Extruded aluminum 2.0mm (0.078") nominal wall thickness & 102mm (4") depth

BLADES

Extruded aluminum 2.0mm (0.078") nominal wall thickness.

BLADE CENTERS:

95 mm (3³/₄") maximum centers at head and sills.
Corrosion resistant steel fasteners used at assembly.

FLANGES:

25mm (1") flange on model K4-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:

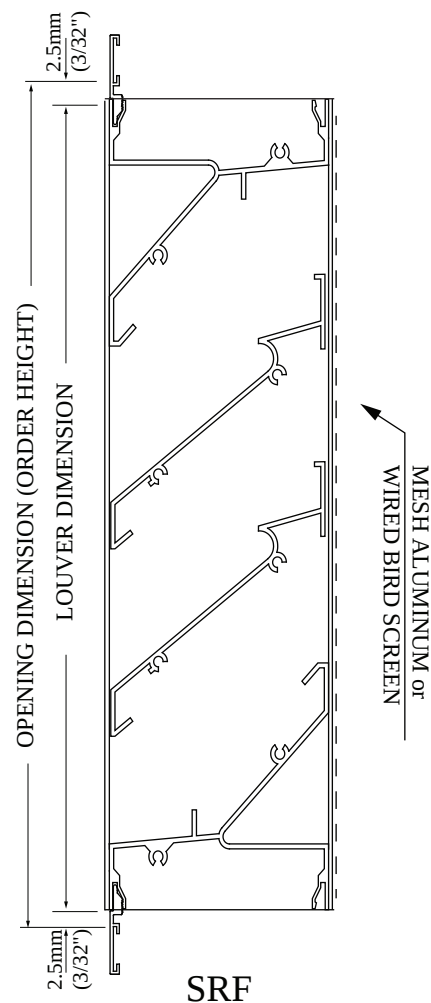
Width 144" x Height 92"

Width 92" x Height 144"

Multiple section:

Unlimited

Maximum single section area: 13248 in²



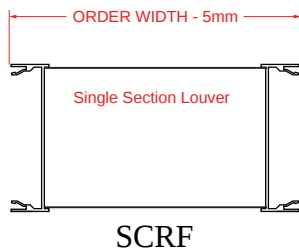
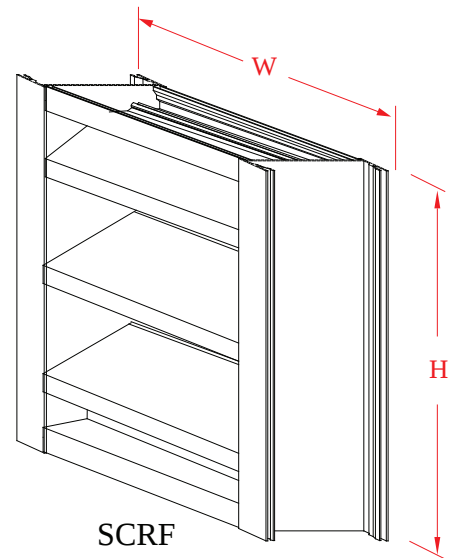
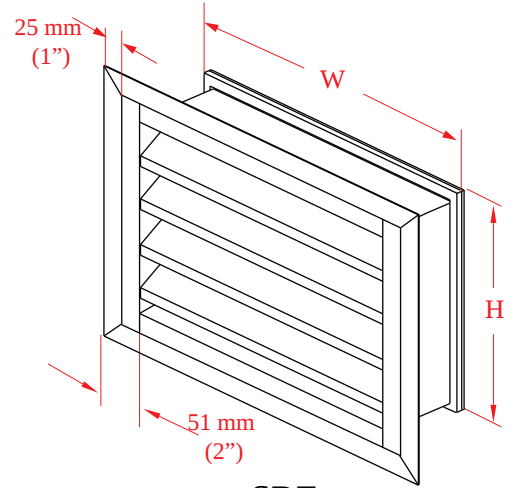
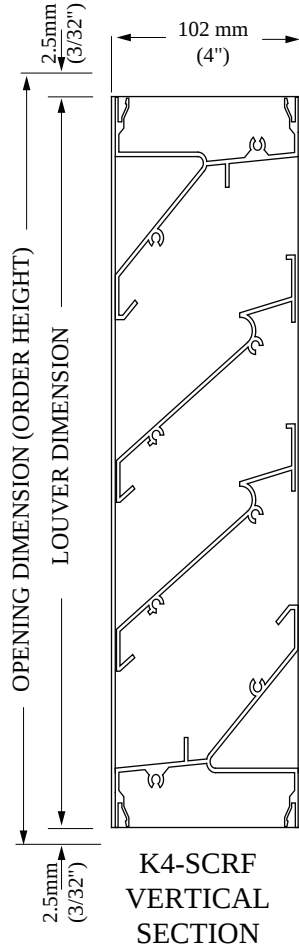
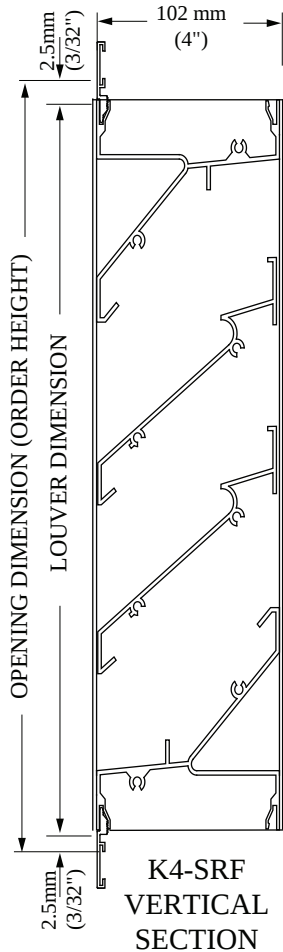
N.B: A 5mm clearance is deducted from your order size.
For more information please consult our engineers.

LOUVERS

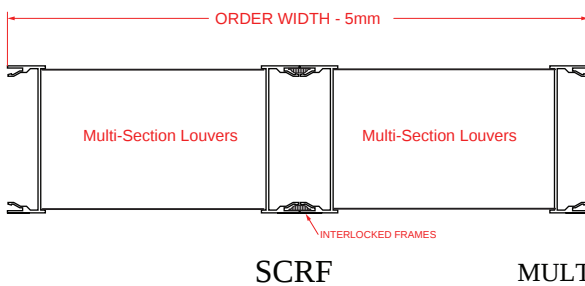
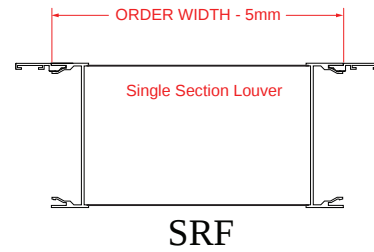
MODEL K4-SRF series

WEATHER PROOF LOUVER

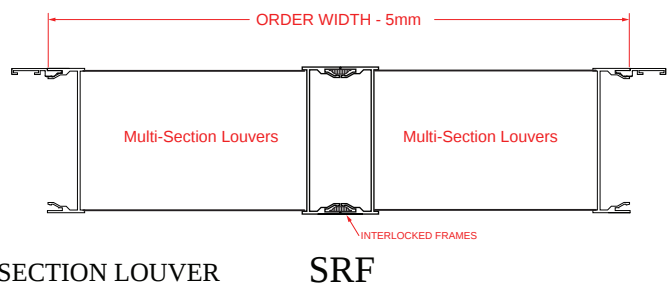
ILLUSTRATIONS



HORIZONTAL SECTION



MULTIPLE SECTION LOUVER

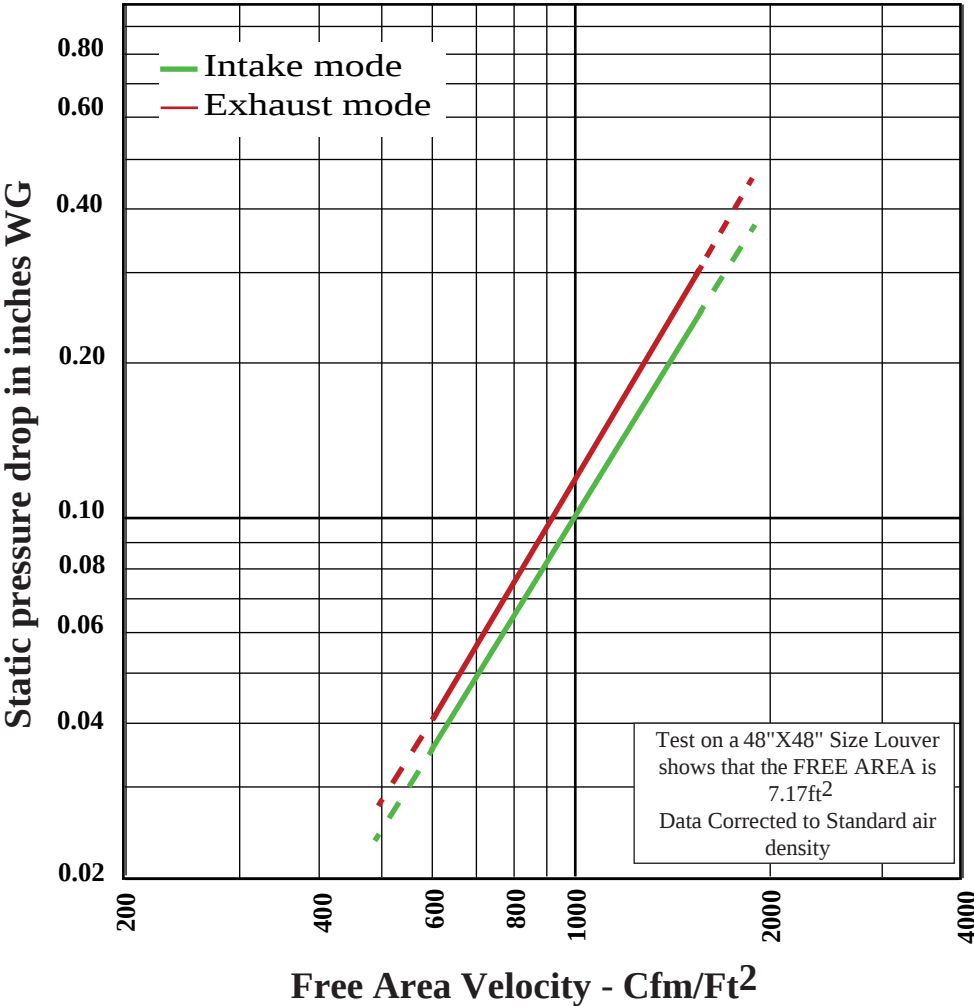
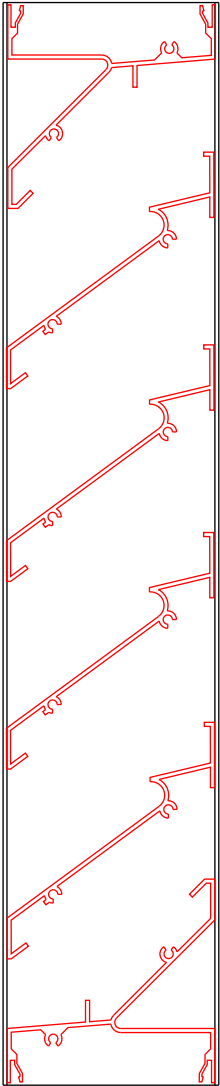


LOUVERS

MODEL K4-SRF series

AIR PERFORMANCE

MODEL
K4-SRF
series



FREE AREA CALCULATIONS ARE BASED ON TEST UNITS WITHOUT BIRD SCREEN
TEST CONDUCTED According to AMCA-500-L Fig 5.5

FREE AREA IN SQ. FT
LOUVER WIDTH

LOUVER
HEIGHT

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	0.27	0.43	0.59	0.76	0.92	1.08	1.25	1.41	1.57	1.74	1.90	2.06	2.23	2.39	2.44	2.55	2.72	2.88	3.04	3.21	3.37	3.53	3.70	3.86
18	0.50	0.80	1.11	1.42	1.72	2.03	2.34	2.64	2.95	3.26	3.56	3.87	4.18	4.48	4.59	4.79	5.10	5.40	5.71	6.02	6.32	6.63	6.94	7.24
24	0.72	1.16	1.60	2.04	2.48	2.92	3.36	3.80	4.24	4.68	5.12	5.56	6.01	6.45	6.59	6.89	7.33	7.77	8.21	8.65	9.09	9.53	9.97	10.41
30	0.94	1.52	2.09	2.67	3.25	3.83	4.41	4.98	5.56	6.14	6.72	7.30	7.87	8.45	8.64	9.03	9.61	10.18	10.76	11.34	11.92	12.50	13.07	13.65
36	1.08	1.75	2.41	3.08	3.75	4.41	5.08	5.75	6.41	7.08	7.74	8.41	9.08	9.74	9.96	10.41	11.08	11.74	12.41	13.07	13.74	14.41	15.07	15.74
42	1.30	2.11	2.91	3.72	4.52	5.32	6.13	6.93	7.73	8.54	9.34	10.15	10.95	11.75	12.02	12.56	13.36	14.16	14.97	15.77	16.58	17.38	18.18	18.99
48	1.53	2.47	3.41	4.35	5.29	6.23	7.17	8.11	9.05	9.99	10.93	11.87	12.81	13.75	14.06	14.69	15.63	16.57	17.51	18.45	19.39	20.33	21.27	22.21
54	1.67	2.71	3.74	4.77	5.80	6.83	7.86	8.90	9.93	10.96	11.99	13.02	14.05	15.09	15.43	16.12	17.15	18.18	19.21	20.24	21.28	22.31	23.34	24.37
60	1.90	3.07	4.24	5.41	6.58	7.75	8.93	10.10	11.27	12.44	13.61	14.78	15.95	17.12	17.51	18.29	19.46	20.63	21.80	22.98	24.15	25.32	26.49	27.66
66	2.04	3.29	4.55	5.81	7.06	8.32	9.57	10.83	12.09	13.34	14.60	15.85	17.11	18.36	18.78	19.62	20.88	22.13	23.39	24.64	25.90	27.16	28.41	29.67
72	2.27	3.66	5.06	6.45	7.85	9.24	10.64	12.03	13.43	14.82	16.22	17.61	19.01	20.41	20.87	21.80	23.20	24.59	25.99	27.38	28.78	30.17	31.57	32.96
78	2.49	4.03	5.57	7.10	8.64	10.18	11.71	13.25	14.78	16.32	17.86	19.39	20.93	22.47	22.98	24.00	25.54	27.07	28.61	30.15	31.68	33.22	34.76	36.29
84	2.63	4.25	5.86	7.48	9.10	10.72	12.34	13.96	15.57	17.19	18.81	20.43	22.05	23.67	24.20	25.28	26.90	28.52	30.14	31.76	33.38	34.99	36.61	38.23
90	2.86	4.62	6.38	8.14	9.89	11.65	13.41	15.17	16.93	18.69	20.45	22.21	23.97	25.73	26.32	27.49	29.25	31.01	32.77	34.53	36.29	38.05	39.81	41.57
92	2.87	4.63	6.40	8.17	9.93	11.70	13.47	15.23	17.00	18.77	20.53	22.30	24.07	25.83	26.42	27.60	29.37	31.13	32.90	34.67	36.43	38.20	39.97	41.73
96	2.99	4.83	6.67	8.51	10.35	12.19	14.03	15.87	17.71	19.55	21.39	23.23	25.07	26.91	27.53									
102	3.22	5.20	7.18	9.16	11.15	13.13	15.11	17.09	19.07	21.06	23.04	25.02	27.00	28.98	29.65									
108	3.45	5.57	7.70	9.82	11.94	14.07	16.19	18.31	20.44	22.56	24.69	26.81	28.93	31.06	31.76									
114	3.58	5.78	7.98	10.19	12.39	14.59	16.80	19.00	21.20	23.41	25.61	27.81	30.02	32.22	32.95									
120	3.81	6.15	8.50	10.84	13.19	15.53	17.88	20.23	22.57	24.92	27.26	29.61	31.95	34.30	35.08									
126	3.94	6.36	8.79	11.21	13.63	16.06	18.48	20.91	23.33	25.76	28.18	30.61	33.03	35.46	36.26									
132	4.17	6.73	9.30	11.87	14.44	17.00	19.57	22.14	24.70	27.27	29.84	32.41	34.97	37.54	38.40									
138	4.40	7.11	9.82	12.53	15.24	17.95	20.66	23.37	26.08	28.78	31.49	34.20	36.91	39.62	40.53									
144	4.53	7.31	10.10	12.89	15.68	18.46	21.25	24.04	26.83	29.61	32.40	35.19	37.98	40.76	41.69									

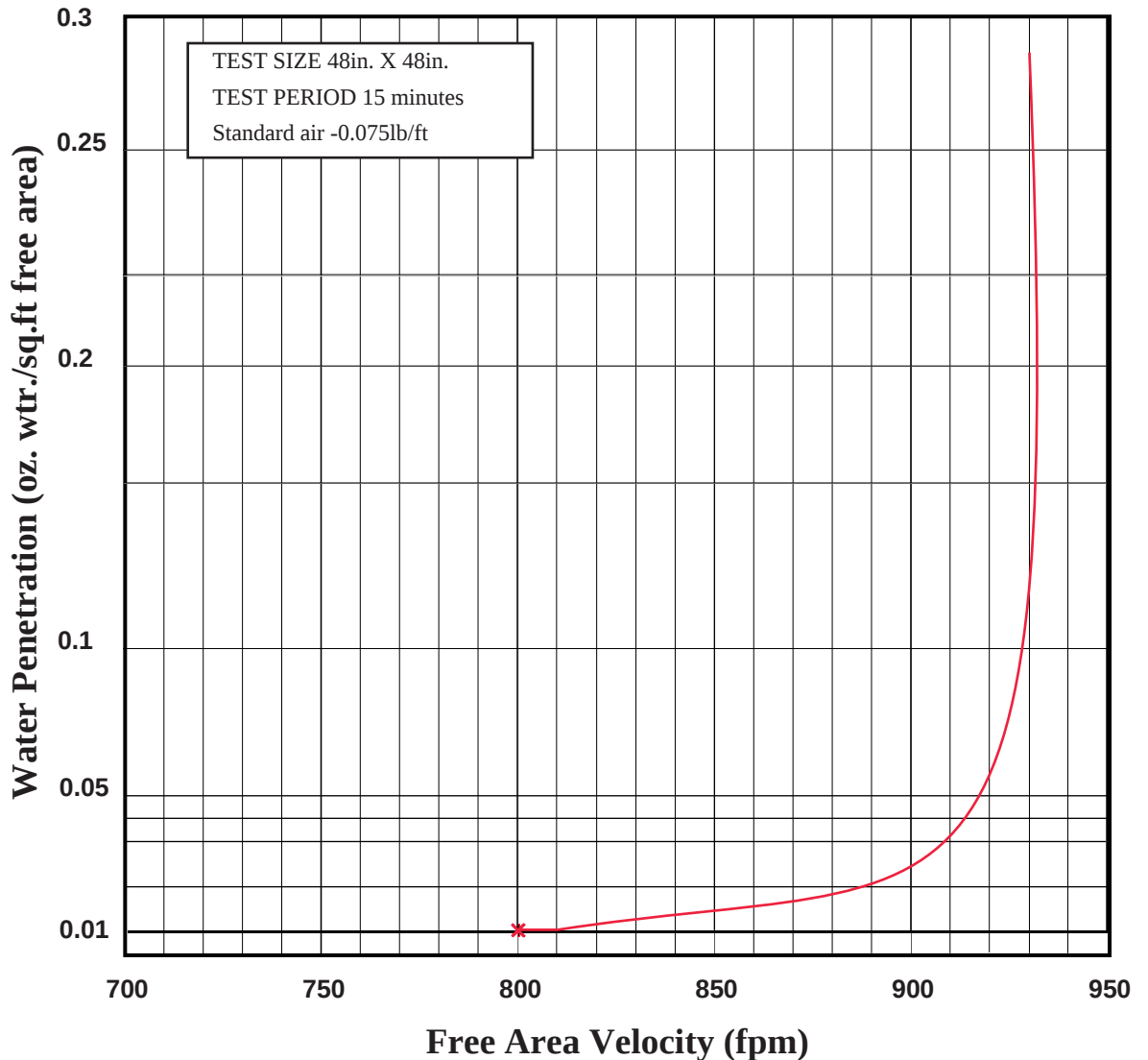
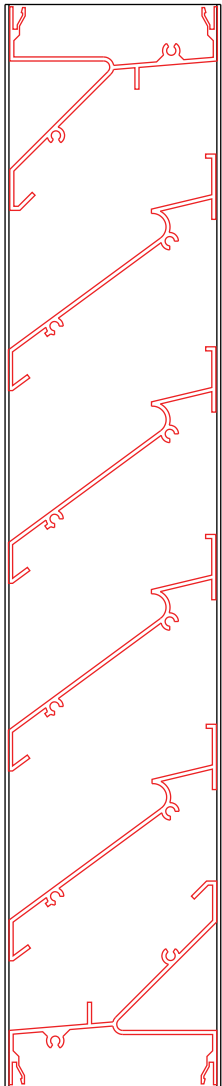
Performance testing
in accordance with
AMCA-500L Std

LOUVERS

MODEL K4-SRF series

WATER PENETRATION

MODEL
K4-SRF
series



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 :
800.8 fpm

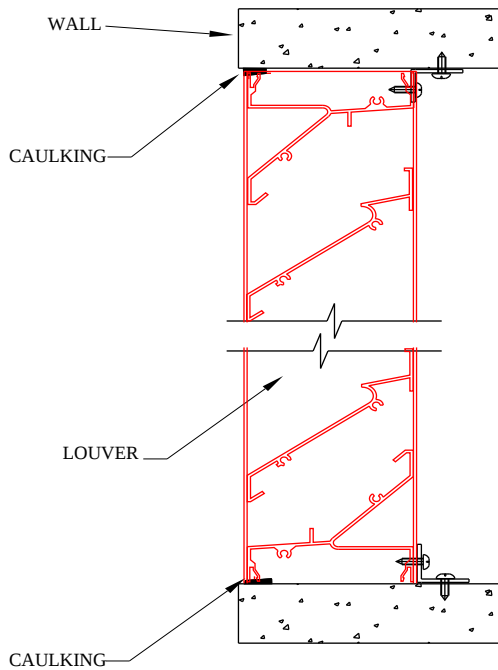
These performance ratings do not guarantee a louver to be weather-proof or stormproof and should be used in combination with other factors including good engineering judgement in selecting louvers.

LOUVERS

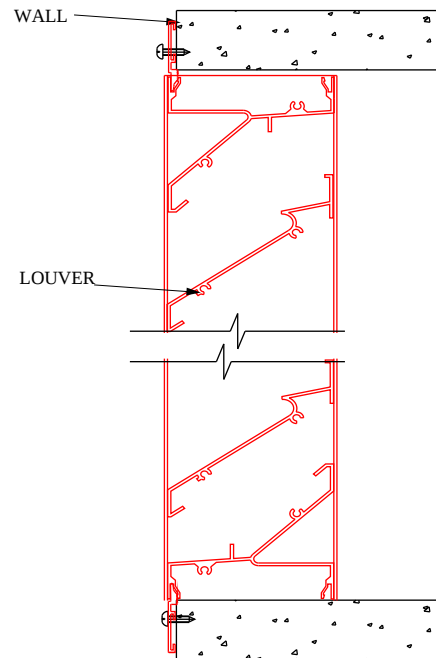
MODEL K4-SRF series

TYPICAL INSTALLATION DETAILS

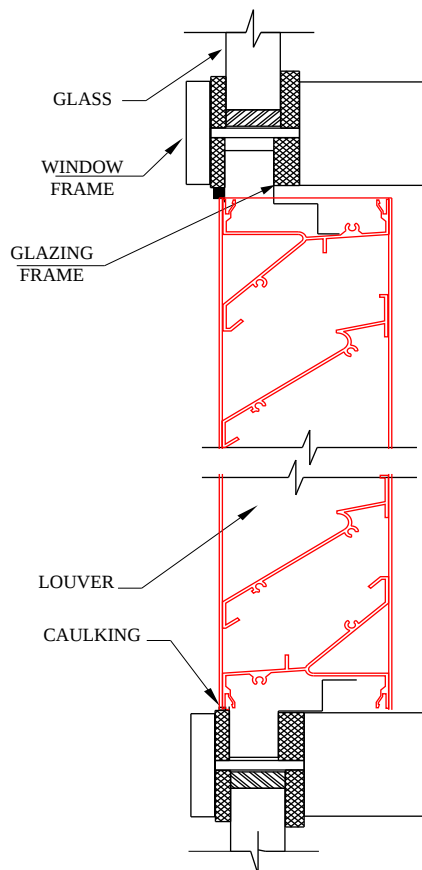
**MASONRY WALL
INSTALLATION**



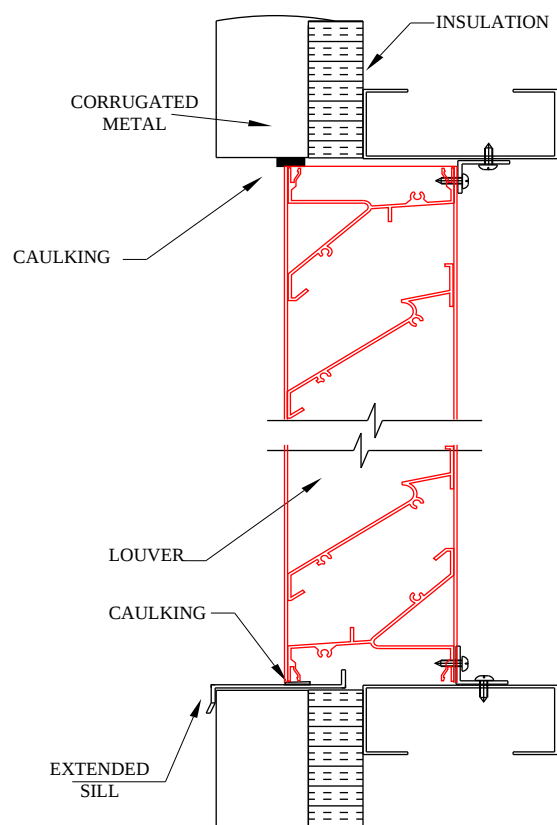
FLANGE MOUNT



**GLAZING FRAME
INSTALLATION**



**METAL PANEL
INSTALLATION**



LOUVERS

MODEL K4-SRF series

ORDERING INFORMATION

MODEL	FLANGE	SCREEN	FINISH	WIDTH	HEIGHT
K4	- 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.