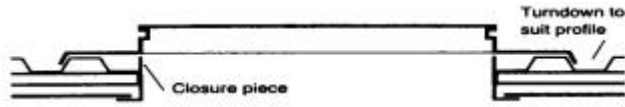


encon Aluminium Louvres are manufactured to suit each individual application. To ensure a reliable weatherseal, installation should be carried out by an approved installer.

TYPICAL BASE DESIGN

Installation on Profiled Sheeting



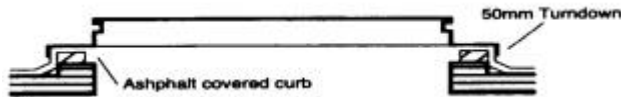
Preformed Openings

To install the Aluminium Louvres into brickwork or wall cladding, a preformed timber or steel angle frame is required. The louvre is bolted to the frame with a mastic bead seal under the flange. Head and cill flashings can be supplied.

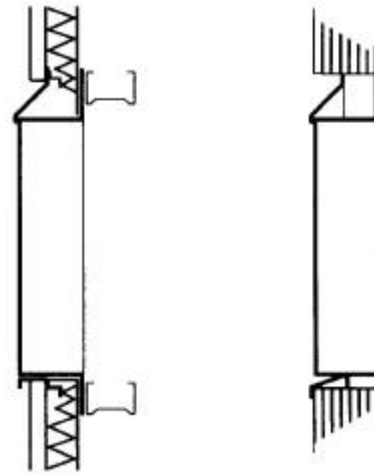
encon Aluminium Louvres can be installed onto any type of roof sheeting. A suitable aperture is made in the sheeting and underlining. The ventilator is then placed over the hole on a mastic bead.

The ventilator is secured to the purlins with suitable fixings and closure pieces seal off lining. The ventilator top flange is flashed to the ridge cap or nearest lap and profiled infill seals the bottom flange.

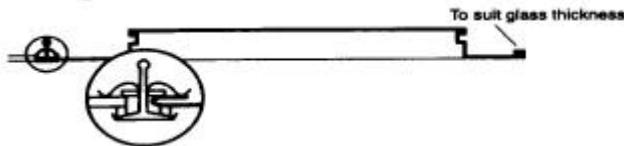
Builder's Curb Installation



Fitting the Aluminium Louvres on a flat roof requires a curb prepared by the Roofing Contractor, made from timber, steel, stone or concrete. The asphalt roof covering must be brought up over the curb to ensure correct flashing. The ventilator can then be screwed or bolted onto the curb with a mastic bead providing a weatherproof seal.



Glazing Bar Fixing

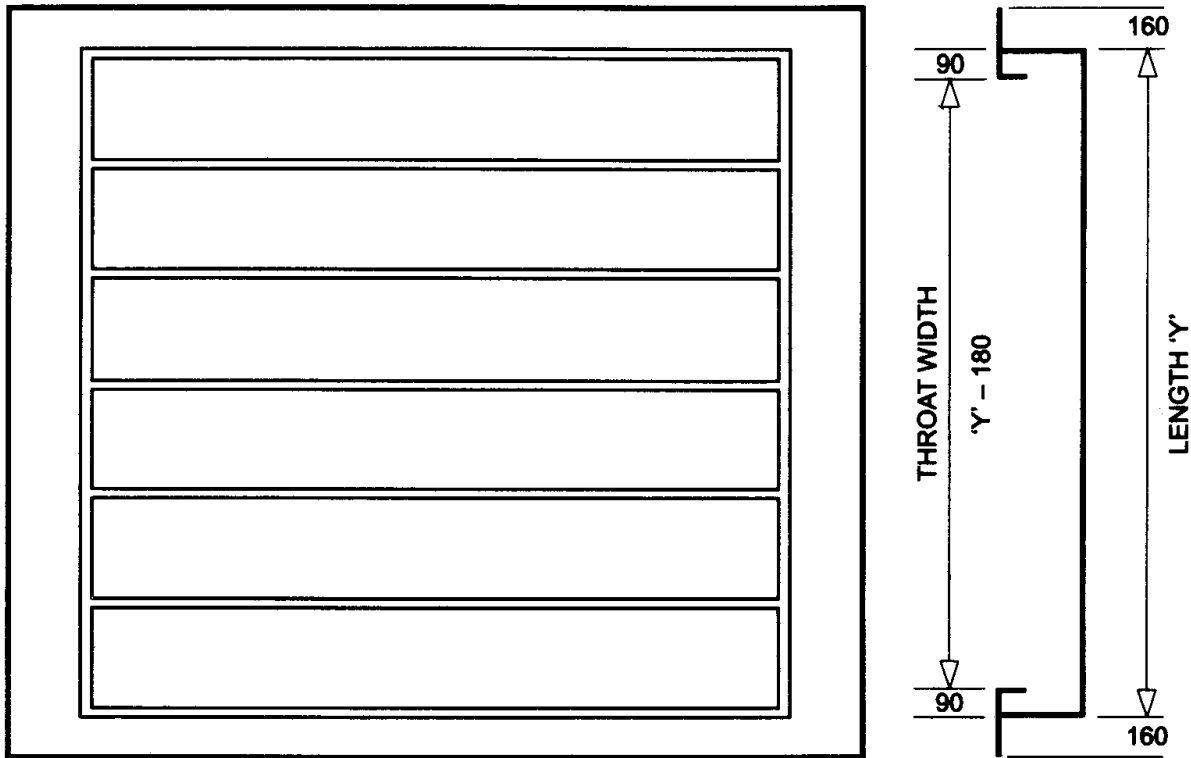
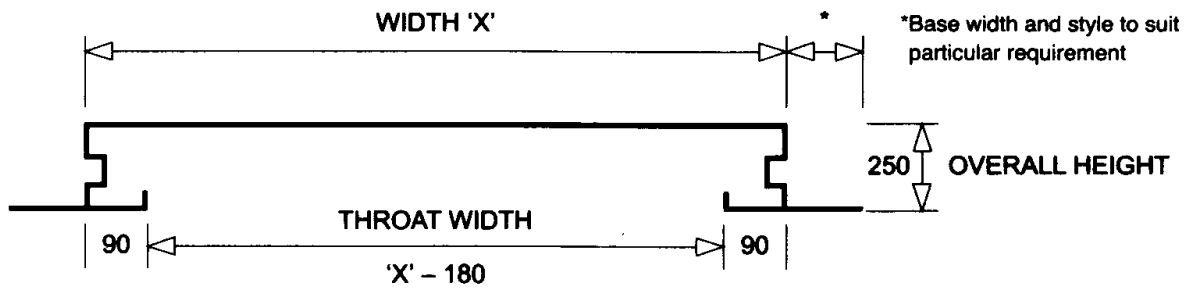


The Aluminium Louvre base is manufactured to suit each particular type of glazing bar. The ventilator can be fitted between the bars in one simple operation to replace the glass.

FULL FIXING DETAILS PROVIDED ON REQUEST

SPECIFICATIONS			
FFA	Louvre housing manufactured from Aluminium alloy to BS 1470. Welded construction of base to suit each application.		PNEUMATIC AIR TO CLOSE PC Unit fitted with soldered fusible link, stainless steel tension spring and single acting pneumatic cylinder.
	Overlapping louvre blades are constructed from aluminium alloy BS 1470.		ELECTRIC ACTUATOR E EFS Unit fitted with soldered fusible link, tension spring and electrically operated linear actuator suitable for use on a 215 volt single phase supply. Available with fail to open facility.
	Blades pivot on stainless steel pins running in U.V. stabilised nylon bearings.		ELECTRO MAGNETIC EMM Cable control unit supplied together with remote DC holding magnet with fail to open or close facility
	Seals are selected to withstand accelerated heat ageing and resistance to the damaging actions of U.V. and ozone exposure.		FUSIBLE LINKS Units supplied with soldered fusible links set at 68°C.
	Weather seals throughout comprising extruded siliconised nirtile to class 0 ozone resistance with air leakage seals Type 6 Superseal Nylon.		Alternatives available are Quartzoid Bulk fusible link and Thermal Electric link.
LOUVRE OPERATION			
CABLE CONTROL CC	Unit fitted with soldered fusible link, stainless steel tension spring and box mounted pulley.		SPRINKLER/SHEILDS FINISH Aluminium Sprinkler Sheilds if required for all types of fusible links. Fireflow Louvres supplied in Mill Finish as standard. Alternatives available. Polyester Powder Coating in a wide range of colours
PNEUMATIC AIR TO OPEN PO	Unit fitted with soldered fusible link, stainless steel tension spring and single acting spring return pneumatic cylinder.		

Fireflow Aluminium



1000mm WIDE 'X'					1500MM WIDE 'X'					2000mm WIDE 'X'				
MODEL	FREE AREA M ²	(Y) LENGTH	NO. BLADES	NETT WT.KG	MODEL	FREE AREA M ²	(Y) LENGTH	NO. BLADES	NETT WT.KG	MODEL	FREE AREA M ²	(Y) LENGTH	NO. BLADES	NETT WT.KG
FFA 1005	0.73	1070	5	24.6	FFA 1505	1.17	1070	5	31.0	FFA 2005	1.61	1070	5	37.4
FFA 1006	0.89	1270	6	27.3	FFA 1506	1.43	1270	6	34.5	FFA 2006	1.97	1270	6	42.9
FFA 1007	1.05	1470	7	30.0	FFA 1507	1.70	1470	7	37.7	FFA 2007	2.34	1470	7	45.4
FFA 1008	1.22	1670	8	32.6	FFA 1508	1.96	1670	8	41.0	FFA 2008	2.70	1670	8	49.4
FFA 1009	1.38	1870	9	35.2	FFA 1509	2.22	1870	9	44.3	FFA 2009	3.07	1870	9	53.4
FFA 1010	1.55	2070	10	38.0	FFA 1510	2.49	2070	10	47.7	FFA 2010	3.43	2070	10	57.4
FFA 1011	1.71	2270	11	40.6	FFA 1511	2.75	2270	11	51.1	FFA 2011	3.79	2270	11	59.4
FFA 1012	1.87	2470	12	43.2	FFA 1512	3.02	2470	12	54.3	FFA 2012	4.16	2470	12	65.3
FFA 1013	2.04	2670	13	46.0	FFA 1513	3.28	2670	13	57.6	FFA 2013	4.52	2670	13	67.3
FFA 1014	2.20	2870	14	48.6	FFA 1514	3.54	2870	14	61.0	FFA 2014	4.89	2870	14	73.3
FFA 1015	2.37	3070	15	51.2	FFA 1515	3.81	3070	15	64.4	FFA 2015	5.25	3070	15	76.3
FFA 1016	2.53	3270	16	53.8	FFA 1516	4.07	3270	16	67.8	FFA 2016	5.61	3270	16	79.3
FFA 1017	2.69	3470	17	58.4	FFA 1517	4.34	3470	17	71.2	FFA 2017	5.98	3470	17	82.3



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