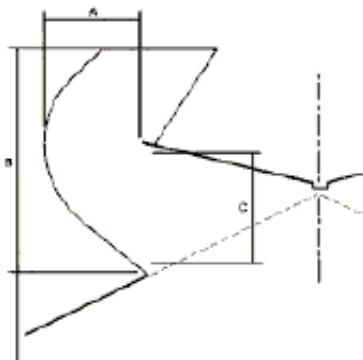




Monitor ridge ventilators
 Coefficient of Discharge 0.53
 Throat Size: 900 mm to 4600 mm



Typical Cross Section

The largest natural ventilator in the RVI range, Monitor ventilators provide the necessary capacity to meet the exhaust requirements of extreme heat and fume removal problems such as those associated with the glass and steel manufacturing industries. Internal conditions in industrial buildings producing extreme degrees of heat and fumes often cannot effectively be relieved by installing unit ventilators or by conventional continuous ridge ventilators.

Design Features

- Coefficient of Discharge: As determined by independent tests is a minimum of 0.53
- Flexibility: Can be provided as either a single monitor or as a twin monitor unit. Can be used in conjunction with Ultra-Flow Ventilators to provide triple exhaust opening for extreme heat load conditions.
- Materials: Can be supplied in a wide range of cladding materials including Versacor coated sheeting.

Dimensions and Mass:						
Ventilation Opening (mm)			Approximate Mass in kg per Linear Metre (Single Monitor)		Approximate Mass in kg - Two Ends (Single Monitor)	
A	B	C	Versacor	Zincalume	Versacor	Zincalume
900	2591	1118	97	91	308	298
1200	3429	1460	118	110	397	385
1500	4115	1829	138	129	480	464
1800	4794	2184	168	159	726	697
2100	5334	2565	198	187	826	794
2400	6096	2927	243	231	1032	992
2700	6782	3302	260	247	1144	1100
3000	7468	3658	311	295	1529	1470
3300	8153	4013	342	326	1646	1588
3600	8839	4394	365	345	1928	1860
4000	9601	4775	484	461	2586	2495
4300	10287	5131	531	510	2803	2704
4600	10922	5486	577	555	3021	2912

Performance Data : In view of the complexity involved with the high heat loads associated with industries which require the use of Monitor type ventilators, contact your nearest RVI service centre for design assistance for your project.