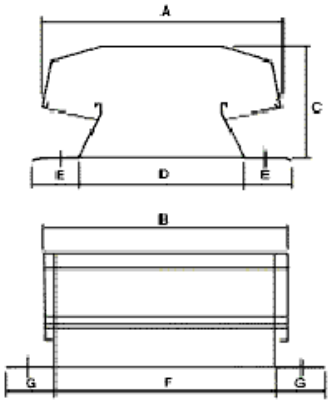
Robertson

Exhaust Guide

Slope Mounted ventilator

Coefficient of Discharge: 0.344
Throat Sizes: 415: 1220 mm x 385 mm 615: 1830 mm x 385 mm
724: 2134 mm x 609 mm



Typical Cross Section

The Robertson Slope Mounted Ventilator is a natural ventilation system ideally suited to applications where ventilation needs are not complicated or where rapid installation into existing buildings is required. Particularly well suited to use on existing buildings and for areas requiring spot ventilation such as warehouses and light industrial workshops. The RSM ventilator has been designed to give optimum performance for its type together with low streamlined appearance. Available in three sizes, the RSM ventilator will meet most requirements for localised natural extract.

Design Features

- Coefficient of Discharge: As determined by independent tests is a minimum of 0.344
- Weathertight: Designed to exclude wind and driving rain and provided with a hood to prevent backdraughting.
- Robertson Maxlite Ventilator: A standard RSM fitted with a weathering hood completely manufactured from moulded translucent sheeting to provide maximum light conditions in addition to ventilation.
- Ease of installation: RSM Ventilators may be installed quickly and easily into all forms of roofing including existing structures.
- Base types: Available with a Type A, Type B (to fit a soaker sheet), or Type C (curb fixing base).
- Materials: Can be supplied in a wide range of cladding materials including Versacor coated sheeting.

Exhaust Capacity table

(cubic metres per second per metre run

Temp. Diff. x Eff. Ht. (△T deg C x metres)	RSM 415	RSM 615	RSM 724
35	0.532	0.798	1.483
50	0.562	0.862	1.603
70	0.607	0.909	1.704
85	0.642	0.965	1.793
100	0.677	1.107	1.892
120	0.699	1.055	1.964
135	0.745	1.119	2.081

NOTE:
The above exhaust capacity table is based upon a wind speed of 8km/hour

Dimensions and Mass:

Unit	Exhaust Opening (m2)	Dimensions (mm)							Mass		
		A	B	C	D	E	F	G	Versacor	Zincalume	Aluminium
415	0.47	770	1326	365	520	150	1220	215	21	20	14
615	0.70	770	1934	365	520	150	1830	215	27	26	16
724	1.30	1295	2262	610	952	170	2134	215	109	86	45