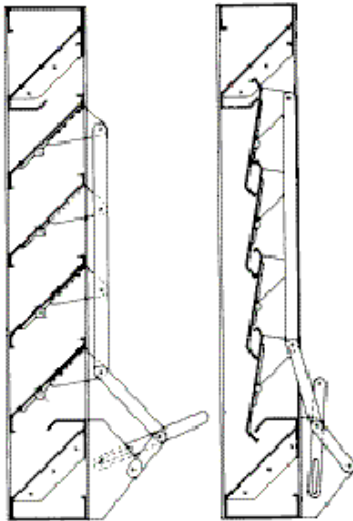


Inlet Louvre Guide

Operating louvres

Series 3000 Standard Blade Types 3140 & 3160
 Series 3000 Weather Resistant Blade Types 3540 & 3560

Coefficient of Discharge:
 Types 3140 & 3540 : 0.63
 Types 3160 & 3560 : 0.68



Typical Cross Section
 Standard Blade

Robertson Series 3000 Operating Louvres are factory assembled units available in a wide range of materials.

Design Features

The wide selection of colours and materials available enables the architect to blend the louvre with other building materials. Robertson Operating Louvres are infinitely controllable between fully open and fully closed positions providing the most effective form of controlled air replacement. Their simple, rugged design gives minimum static pressure drop loss when in the open position, yet offers excellent resistant against weather penetration. To minimise maintenance, the louvre blades pivot on nylon brushes. These louvres are designed as single units for small openings or multiple units for large opening situations. Robertson Operating Louvres can be operated singly or in banks.

No of Inter. Blades	Standard blade		Weather resistant blade	
	Type 3140 100 deep	Type 3160 150 deep	Type 3540 100 deep	Type 3560 150 deep
*2	520	710	639	846
3	635	875	779	1036
4	750	1040	919	1226
5	865	1205	1059	1416
6	980	1370	1199	1606
7	1095	1535	1339	1796
8	1210	1700	1479	1986
9	1325	1865	1619	2176
10	1440	2030	1759	2366
11	1555	2195	1899	2566
12	1670	2360	2039	2746
13	1785	2525	2179	2936
14	1900	2690	2319	3126

* Denotes minimum dimensional limitation

NOTE: Standard heights shown give maximum free inlet area, however louvres can be manufactured to suit any opening dimension. Weight (in steel with Standard Operating System) is: 100mm deep = 16kg/m²; 150mm deep = 18 kg/m².

