

LOW PROFILE EXTRACTION UNIT

Powered Extraction

The use of the range of Celsius Powered Extraction units will provide positive extraction from industrial and commercial premises. Allowing the premises to be ventilated even during the worst weather conditions. The low profile cowling system is unobtrusive and can be supplied in a range of colours to match the roof sheeting if required.



The Low Profile Cowls can be supplied with non-return shutters and bodyguards as standard.

Specification

The Celsius range of Low Profile Extraction Units are manufactured from corrosion resistant UV stabilised glass fibre and galvanised mild steel, other protective coatings are available for corrosive applications using stainless fixings etc.

The standard range of fans can provide extraction rates from 1 m³/s to 12.5m³/s, they are sent to site fully assembled and easily installed directly onto roof sheeting without the need for a curb or soaker sheet.

Controls

They can be controlled from a single low level simple on/off starter units or group controlled from a Celsius panel or from your Building Energy Management System (BMS).

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SPECIFICATION AND TECHNICAL DATA

The Celsius range of Low Profile extraction fans are available in both single phase and three phase formats, twin speed motors can also be supplied upon request.

A further selection of various motor speeds are available to suit very low noise applications.

Performance

Unit type	M3/s	Cfm	Motor KW	3 ph amps	1 ph amps	Sound level
CL400/4	1.1	2332	0.34	0.8	1.6	60
CL500/4	2.1	4662	0.75	1.95	4.8	64
CL560/4	3.0	6357	0.75	2.4	6.0	68
CL630/4	3.95	8476	1.7	3.0	7.6	73
CL630/6	3.4	7310	1.1	3.1	7.5	68
CL750/4	4.5	9536	1.6	4	na	72
CL750/6	3.5	7416	1.1	5.7	2.8	66
CL800/4	7.8	16528	4.2	7.3	na	82
CL800/6	4.2	8900	1.2	2.5	na	72
CL1000/4	12.5	26488	5.5	12	na	87
CL1000/6	7.8	16528	1.5	4.4	na	78

Size and Weights

Unit Type	Height off Roof	Cowl Width	Base Size	Weight
CL400/4	460	765	790	21
CL500/4	575	960	934	36
CL560/4	575	960	934	36
CL630/4	660	1230	1054	52
CL630/6	660	1230	1054	52
CL750/4	660	1230	1054	58
CL750/6	660	1230	1054	58
CL800/4	670	1410	1174	77
CL800/6	670	1410	1174	77
CL1000/4	900	1630	1375	140
CL1000/6	900	1630	1375	107