

CLENAIRE HRV TECHNICAL INFORMATION

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HRV Quick Selection Guide

Model	MA500-67	MA600-77	MB600-95	E100-110-70	E100S-110-70	E200-270-70
Living Space Volume* ¹	500m ³	600m ³	600m ³	110m ³	110m ³	270m ³
Power Consumption (low)	60W	60W	60W	12W	12W	20W
Power Consumption (high)	200W	200W	200W	31W	31W	130W
Efficiency	67%max	77%max	95%max	70%max	70%max	75%max
Dimensions (HxWxD)* ²	520x450x430* ³	520x450x430* ³	560x620x430* ³	190x270x370* ³	318x250x160* ³	270x270x488
Weight (kg)	22.5	23.5	33	4.5	4.5	8.5

*¹ Based on ASHRAE 62-1989 / NZS 4303 residential recommendation of 0.35 Air Changes per Hour.

*² Air inlet/outlet spigots, door catches and drain dimensions not included in these dimensions. See drawings Clenaire "2" and "3".

*³ The first edition of the Clenaire HRV brochure contained dimensional errors. The above dimensions are correct.

HRV Fan Performance

Model	MA500-67	MA600-77	MB600-95	E100-110-70	E100S-110-70	E200-270-70
Air Volume at 0 Pa (l/s)	147	186	192	12(lo) 21(hi)	12(lo) 21(hi)	17(lo) 61(hi)
Air Volume at 50 Pa (l/s)	136	173	179	N/A	N/A	N/A
Air Volume at 100 Pa (l/s)	124	158	164	N/A	N/A	N/A
Air Volume at 150 Pa (l/s)	109	139	145	N/A	N/A	N/A
Air Volume at 200 Pa (l/s)	91	116	122	N/A	N/A	N/A
Air Volume at 250 Pa (l/s)	67	87	92	N/A	N/A	N/A
Air Volume at 300 Pa (l/s)	31	48	52	N/A	N/A	N/A

Shipping Details

Model	MA500-67	MA600-77	MB600-95	E100-110-70	E100S-110-70	E200-270-70
Packed Dimensions (HxWxD)	560x700x450	560x700x450	600x870x450	255x315x395	325x415x300	310x290x560
Gross Weight (kg)	24.5	25.5	35	5.5	5.5	10

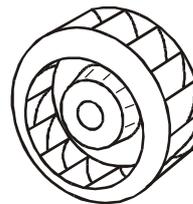
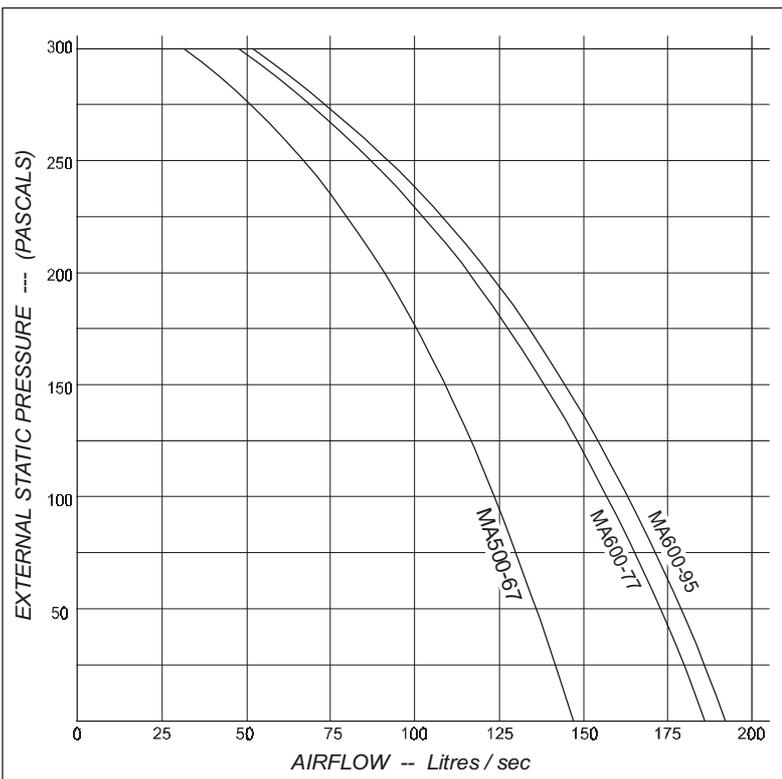
Noise Levels

Model	MA500-67	MA600-77	MB600-95	E100-110-70	E100S-110-70	E200-270-70
Full Speed – Boost (230V)	This is currently being tested. – In normal operation the HRV cannot be heard.					
Half Speed – Normal (115V)	This is currently being tested. – In normal operation the HRV cannot be heard.					

Engraved Control Panel (Detail on Brochure and Drawings)

Model	MA500-67	MA600-77	MB600-95	E100-110-70	E100S-110-70	E200-270-70
PDL 600 Series (White)	Cat N° 625	Cat N° 625	Cat N° 625	Cat N° 682	Cat N° 682	Cat N° 682

FAN PERFORMANCE (@ Nominal 230 Volts Suitable for +/- 7.5 %)



FANS ARE BACKWARD CURVED WITH PLASTIC BLADES AND BALL BEARING MOTORS

MOISTURE REMOVAL (AS CONDENSATE AND/OR WATER VAPOUR)

