

Technical specifications Renson type AR75 L

1. Characteristics for EPB-software

14/10/2011

$q_{1, 2 \text{ Pa}}$	82,0 m ³ /h/m
$q_{1, 10 \text{ Pa}}$	89,0 m ³ /h/m
$L_{0, 2 \text{ Pa}}$	0,05 m
$L_{0, 10 \text{ Pa}}$	0,05 m

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2. Airflow rate in open position (aluminiumsize 1000 mm)

14/10/2011

Δp [Pa]	Q [m ³ /h]	Q [dm ³ /s]	EA [mm ²]
1	53,9	15,0	19034
2	81,3	22,6	-
4	85,0	23,6	-
8	89,1	24,7	-
10	88,4	24,5	-
20	78,3	21,7	-

3. Airflow rate in closed position

8/08/2011

Δp [Pa]	$Q_{\text{ext-int}}$ [m ³ /h]	$Q_{\text{int-ext}}$ [m ³ /h]
100	5,4	5,3
150	6,8	6,9
200	8,0	8,4
250	9,4	10,1
300	10,1	11,1
350	11,2	11,8
400	11,8	12,8
450	12,6	14,1
500	13,2	15,1
550	14,2	16,8
600	14,9	17,6
650	15,4	18,5

Revision 2 - 15/02/2012 - conditional technical change

4. Acoustical performance

8/08/2011

f [Hz]	open position			
	$D_{n,e}$ [dB]	$D_{n,e,w}$ [dB]	C [dB]	C_{tr} [dB]
100	35,1	26	-1	-2
125	29,2			
160	28,1			
200	31,0			
250	29,7			
315	31,8			
400	29,8			
500	26,5			
630	24,1			
800	23,2			
1000	21,9			
1250	22,1			
1600	24,0			
2000	28,7			
2500	31,0			
3150	32,9			
4000	35,3			
5000	37,1			

5. Thermal performance

15/02/2012

U 3,0 W/(m².K)
f 0,62 -

6. Resistance to insects

8/08/2011

The air transfer meets the criteria as stated in Annex V and Annex VI of "Besluit van de Vlaamse Regering tot vaststelling van de eisen op het vlak van de energieprestaties en het binnenklimaat van gebouwen" (13/03/05), also known as the EPB regulation.

7. Geometrical specifications

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FFA 16171 mm²

8. Resistance to water in open position

15/02/2012

Δp 50 Pa

9. Resistance to water in closed position

8/08/2011

Δp 650 Pa

Revision 2 - 15/02/2012 - conditional technical change