



Airobot-L-HRV/ERV airflow and acoustics specifications

Sound power level through casing

		Sound power level through casing						Sound power level through casing without sheet-metal casing (EPP)					
Model		Airobot-L-HRV/ERV-R/L-W/B						Airobot-L-HRV/ERV-R/L-NC					
Airflow %		24%	40%	56%	70%	80%	100%	24%	40%	56%	70%	80%	100%
Airflow		60m ³ /h 17L/s	100m ³ /h 28L/s	140m ³ /h 39L/s	175m ³ /h 49L/s	200m ³ /h 56L/s	250m ³ /h 70L/s	60m ³ /h 17L/s	100m ³ /h 28L/s	140m ³ /h 39L/s	175m ³ /h 49L/s	200m ³ /h 56L/s	250m ³ /h 70L/s
Air pressure (Pa)		25	50	50	50	100	100	25	50	50	50	100	100
Octave band (Hz)	63	16	15	17	18	22	25	13	14	16	22	19	29
	125	16	21	22	27	29	31	15	22	22	27	30	33
	250	19	25	32	37	39	41	26	32	37	43	48	50
	500	22	29	32	38	42	45	32	39	42	48	52	56
	1000	22	26	29	36	40	43	25	33	36	43	47	50
	2000	23	26	29	35	40	42	24	30	34	41	45	49
	4000	24	24	25	29	32	35	24	26	30	37	42	46
	8000	24	23	24	27	28	29	24	24	24	30	34	39
Total L_{w(A)}, dB(A)		30	34	37	43	47	50	35	42	45	51	55	59



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Sound power level in duct

		Sound power level in duct supply / exhaust						Sound power level in duct extract / outside					
Model		Airobot-L-HRV/ERV-R/L-W/B/NC											
Airflow %		24%	40%	56%	70%	80%	100%	24%	40%	56%	70%	80%	100%
Airflow		60m ³ /h 17L/s	100m ³ /h 28L/s	140m ³ /h 39L/s	175m ³ /h 49L/s	200m ³ /h 56L/s	250m ³ /h 70L/s	60m ³ /h 17L/s	100m ³ /h 28L/s	140m ³ /h 39L/s	175m ³ /h 49L/s	200m ³ /h 56L/s	250m ³ /h 70L/s
Air pressure (Pa)		25	50	50	50	100	100	25	50	50	50	100	100
Octave band (Hz)	63	37	41	44	43	46	51	30	33	38	36	40	44
	125	44	49	50	51	53	57	37	42	44	45	47	50
	250	44	52	58	60	64	65	37	44	51	51	55	55
	500	43	51	53	56	63	69	34	42	43	46	48	57
	1000	41	50	53	56	59	65	21	29	33	36	41	44
	2000	38	49	53	56	59	63	14	23	27	30	33	39
	4000	26	40	45	48	53	57	1	10	15	19	24	34
	8000	18	30	37	42	47	53	1	1	4	8	14	25
Total L_{w(A)}, dB(A)		50	57	64	64	67	72	42	48	52	53	57	60