

Sound data and power consumption HRC-300 EcoMax and MaxComfort housing sound dB ref. 10⁻¹²W

Capacity Qv - m³/h	Pressure ΔP st- Pa	Power consumption W el	SFP Wh/ m³	125 Hz	250hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
300	200	87	0,29	30	44	45	44	45	37	23
300	150	67	0,22	30	44	43	43	43	35	20
300	100	59	0,20	25	42	42	42	42	34	19
280	50	43	0,15	26	43	40	39	40	30	19
250	150	54	0,22	25	41	41	41	40	32	17
250	100	44	0,18	24	41	40	39	38	29	18
210	50	26	0,12	22	35	36	34	33	21	17
200	100	33	0,16	22	36	38	36	35	24	19
200	50	25	0,13	27	35	35	33	32	19	16
150	50	18	0,12	20	32	32	29	26	15	16
150	25	16	0,10	19	29	30	28	23	18	15
100	25	11	0,11	16	27	26	21	17	17	15

*Cabinet radiations measured according to ISO 3741:2010

*SFP in Wh/m² calculated with measured data according to 3141-7:2018

*Used connection diameters 150mm

Sound data HRC-300-EcoMax and MaxComfort Return noise dB ref. 10⁻¹²W

Capacity Qv - m³/h	Pressure ΔP st- Pa	125 Hz	250hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
300	200	48	46	35	33	29	21	19
300	150	46	44	35	32	27	19	17
300	100	40	42	33	31	26	18	17
280	50	35	46	32	29	24	14	15
250	150	45	45	33	31	26	18	17
250	100	38	45	32	29	25	16	16
210	50	34	41	27	24	18	14	13
200	100	40	38	29	25	20	15	14
200	50	34	37	29	23	17	14	13
150	50	38	32	24	20	12	13	13
150	25	33	28	22	18	12	11	10
100	25	28	26	20	14	11	10	10

* Return sound measured according to ISO 5135:197 (measured values include end reflection correction)

* Used connection diameters 150mm

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Sound data HRC-300-EcoMax and MaxComfort Supply air noise dB ref. 10⁻¹²W

Capacity Qv - m³/h	Pressure Δ P st- Pa			125 Hz	250hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
300	200			51	61	57	53	51	43	32
300	150			49	61	56	52	50	42	29
300	100			48	56	55	52	50	42	27
280	50			47	61	53	49	47	39	23
250	150			49	59	56	52	50	42	29
250	100			48	56	55	52	50	42	27
210	50			44	54	49	44	40	28	11
200	100			45	53	50	45	42	31	15
200	50			44	51	49	43	39	27	15
150	50			44	44	43	38	32	19	14
150	25			44	41	41	38	32	19	9
100	25			39	38	36	29	21	15	14
* Supply noise measured according to ISO 5135:1997 (measured values including end reflection correction)										
* Connection diameter used 150mm										

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