

WRG300



Short description

Centralised and decentralised ventilation units with heat recovery, central exhaust air units, ventilation duct systems

Application examples

Passive energy house

Article number 0082.0037

Technical data

Rotating speed	2.070 1/min
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	60 Hz
Power consumption	30 W / 50 W / 95 W
I_{max}	6,9 A
Degree of protection	IP 00
Electrical plug-type connection	Earthing contact
Installation site	Cellar / Storage tank / Jamb wall / Utility room / Heating room
Housing material	Sheet steel, galvanised
Colour	Pure white, similar to RAL 9010
Weight	80 kg
Filter class	G3 / F7
Connection diameter	160 mm
Degree of heat provision	92 %
Heat exchanger construction type	Condensation rotor
Packing unit	1 piece

Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA2, high}$ (dB(A))	29	34	29	33	24	22	20	16	38
$L_{WA5, high}$ (dB(A))	28	37	39	40	40	40	34	26	48
$L_{WA6, high}$ (dB(A))	18	27	26	31	39	26	17	8	41

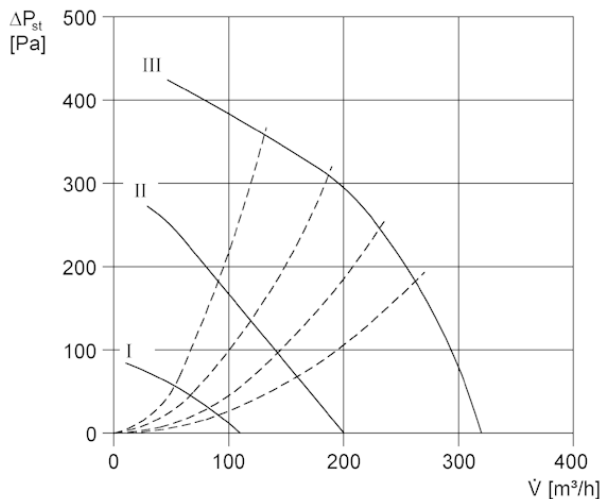
L_{WA2} = housing sound power level in dB.

L_{WA5} = free inlet sound power level in dB.

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L_{WA6} = free outlet sound power level in dB.

Characteristic curve



Dimensioned drawing [mm]

