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Short description

Compact supply air device with integrated electrical air heater, filter and controller, DN 250

Application examples

Workplace, Doctor's practice, Day room, Fitness room, Restaurant

Article number 0080.0563

Technical data

Air flow volume	700 m ³ /h / 860 m ³ /h / 1.000 m ³ /h
Rotating speed	2.400 1/min
Speed controllable	✓
Rated voltage	400 V
I _{nom fan}	1 A
I _{Max total}	14,2 A
Operator unit degree of protection	IP 00
Housing material	Sheet steel, galvanised
Weight	33,1 kg
Weight including packaging	31,2 kg
Filter class	G4
Nominal size	250 mm
Width with packaging	640 mm
Height with packaging	440 mm
Depth with packaging	480 mm
Airstream temperature at nominal current	50 °C
Airstream temperature at I _{Max}	-20 °C up to 40 °C
Heater power rating	9.000 W
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799805632

Sound power level in octave range

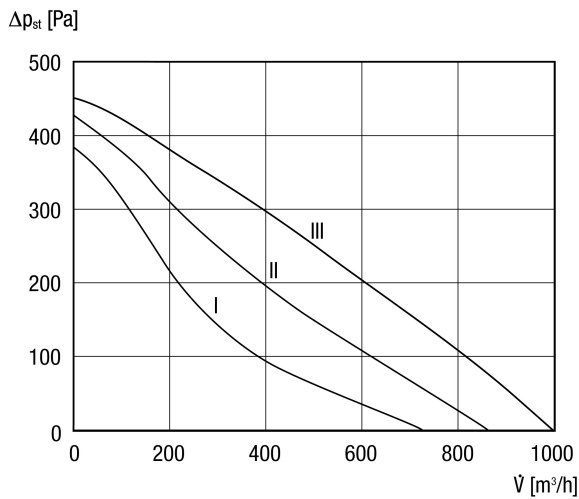
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L _{WA5, low} (dB(A))	–	45	49	48	46	48	46	43	56
L _{WA5, medium} (dB(A))	–	49	50	53	53	54	53	50	61

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, high (dB(A))	–	52	53	60	57	59	58	56	66
L_{WA6}, low (dB(A))	–	49	51	49	50	53	49	41	58
L_{WA6}, medium (dB(A))	–	53	54	57	55	59	55	49	64
L_{WA6}, high (dB(A))	–	51	55	61	61	64	61	55	68
L_{WA2}, high (dB(A))	–	–	–	–	–	–	–	–	54

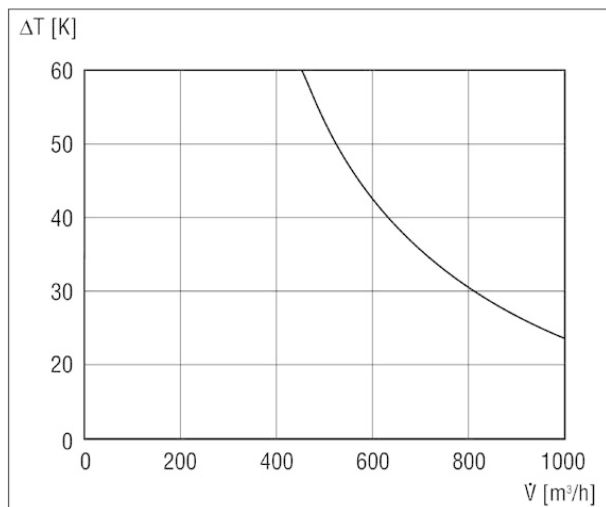
L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve

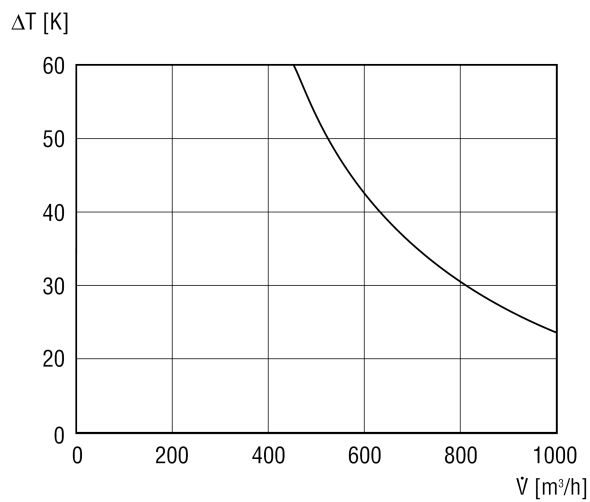


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Characteristic curve



Characteristic curve



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Dimensioned drawing [mm]

