

ECR 12



Short description

Compact supply air device with integrated electrical air heater, filter and controller, DN 125

Application examples

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

Article number 0080.0560

Technical data

Air flow volume	160 m³/h / 230 m³/h / 290 m³/h
Rotating speed	2.330 1/min
Speed controllable	✓
I _{nom fan}	0,4 A
I _{Max total}	14 A
Operator unit degree of protection	IP 00
Housing material	Sheet steel, galvanised
Weight	22,8 kg
Weight including packaging	24,7 kg
Filter class	G4
Nominal size	125 mm
Width with packaging	735 mm
Height with packaging	380 mm
Depth with packaging	420 mm
Airstream temperature at nominal current	40 °C
Airstream temperature at I _{Max}	-20 °C up to 40 °C
Heater power rating	3.000 W
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799805601

Sound power level in octave range

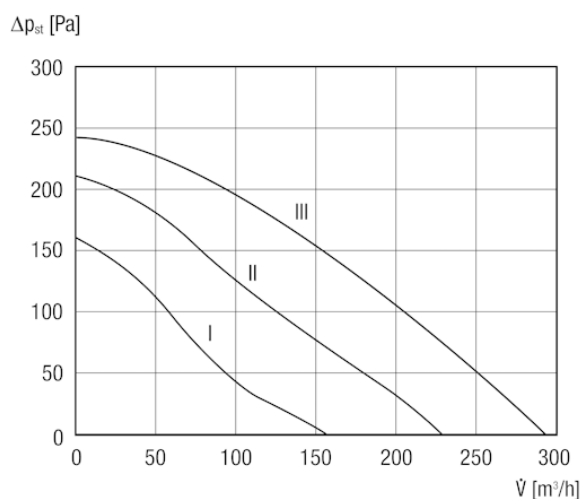
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L _{WA5, low} (dB(A))	–	32	33	28	26	24	23	13	37
L _{WA5, medi- um} (dB(A))	–	35	38	36	36	36	35	24	44

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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))	–	40	44	45	42	44	40	37	50
L_{WA6}, low (dB(A))	–	32	34	31	29	29	25	14	39
L_{WA6}, medium (dB(A))	–	36	39	41	40	40	36	26	47
L_{WA6}, high (dB(A))	–	39	44	46	46	47	43	36	53
L_{WA2}, high (dB(A))	–	–	–	–	–	–	–	–	46

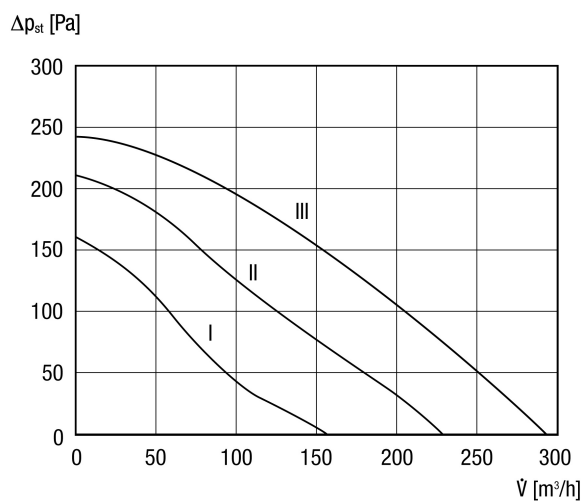
L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve

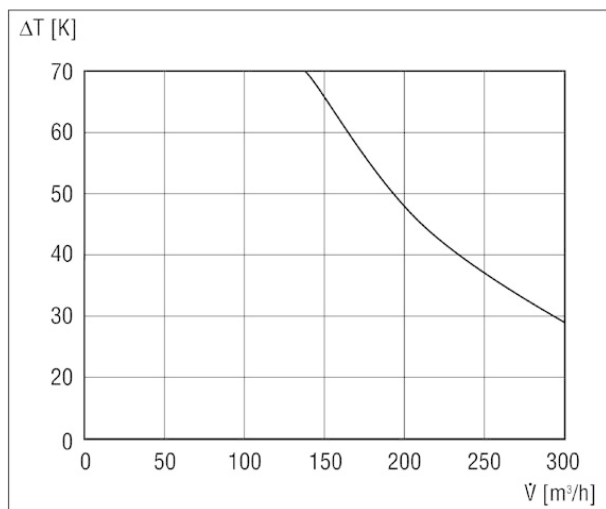


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Characteristic curve

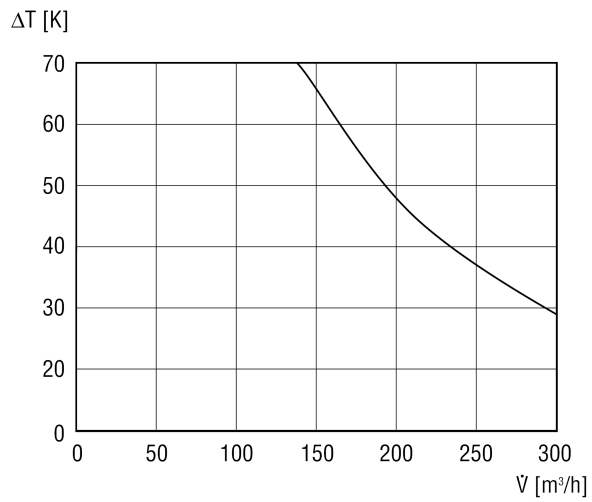


Characteristic curve



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Characteristic curve



Dimensioned drawing [mm]

