

ECR 31



Short description

Compact supply air device with integrated electrical air heater, filter and controller, DN 315

Application examples

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

Article number 0080.0564

Technical data

Air flow volume	730 m ³ /h / 910 m ³ /h / 1.070 m ³ /h
Rotating speed	2.395 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	30,7 kg
Weight including packaging	32,56 kg
Filter class	G4
Nominal size	315 mm
Width with packaging	825 mm
Height with packaging	435 mm
Depth with packaging	485 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)	4012799805649

Sound power level in octave range

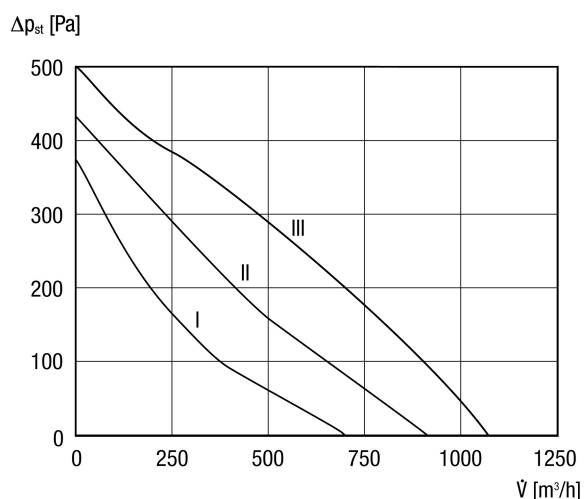
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L _{WA5, low} (dB(A))	-	46	52	50	48	50	48	45	58
L _{WA5, medium} (dB(A))	-	49	53	56	55	56	55	53	63

ECR 31

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, high (dB(A))	–	51	56	65	60	62	60	58	69
L_{WA6}, low (dB(A))	–	47	54	52	52	55	51	44	61
L_{WA6}, medium (dB(A))	–	51	56	60	58	61	57	51	66
L_{WA6}, high (dB(A))	–	55	59	64	63	66	63	56	71
L_{WA2}, high (dB(A))	–	–	–	–	–	–	–	–	54

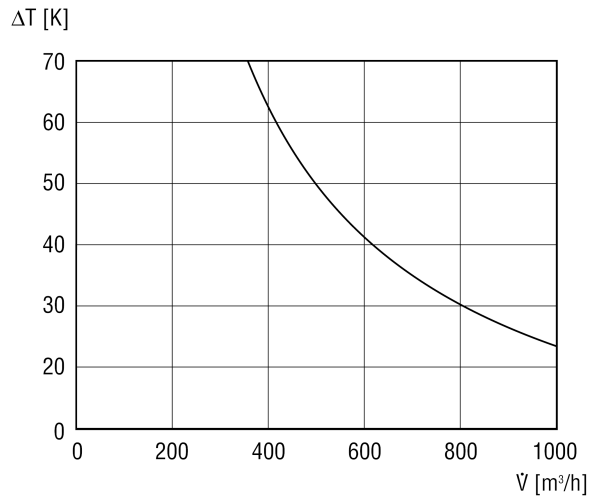
L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve

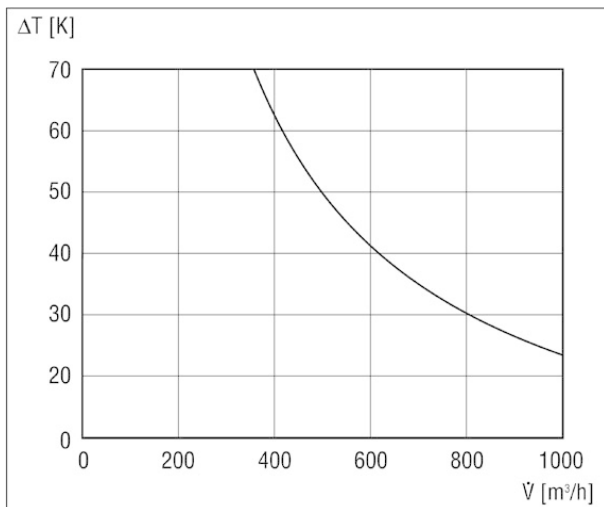


ECR 31

Characteristic curve



Characteristic curve



ECR 31

Dimensioned drawing [mm]

