

ECR 20



Short description

Compact supply air device with integrated electrical air heater, filter and controller, DN 200

Application examples

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

Article number 0080.0562

Technical data

Air flow volume	300 m³/h / 450 m³/h / 570 m³/h
Rotating speed	2.530 1/min
Speed controllable	✓
Rated voltage	400 V
I _{nom fan}	0,5 A
I _{Max total}	7,1 A
Operator unit degree of protection	IP 00
Housing material	Sheet steel, galvanised
Weight	23,7 kg
Weight including packaging	25,15 kg
Filter class	G4
Nominal size	200 mm
Width with packaging	730 mm
Height with packaging	375 mm
Depth with packaging	415 mm
Airstream temperature at nominal current	40 °C
Airstream temperature at I _{Max}	-20 °C up to 40 °C
Heater power rating	4.500 W
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799805625

Sound power level in octave range

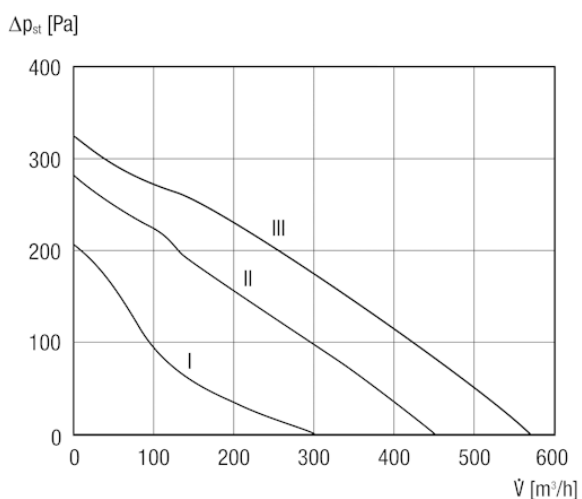
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L _{WA5, low} (dB(A))	–	41	50	45	44	43	35	21	53
L _{WA5, medium} (dB(A))	–	45	53	56	56	53	52	39	61

ECR 20

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, high (dB(A))	–	47	55	59	59	57	56	46	65
L_{WA6}, low (dB(A))	–	40	49	46	45	47	35	22	53
L_{WA6}, medium (dB(A))	–	46	55	58	57	58	53	40	64
L_{WA6}, high (dB(A))	–	49	57	61	61	62	58	46	67
L_{WA2}, high (dB(A))	–	–	–	–	–	–	–	–	52

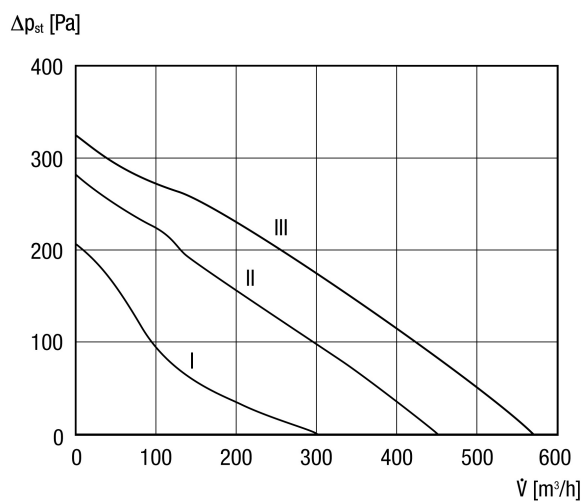
L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve

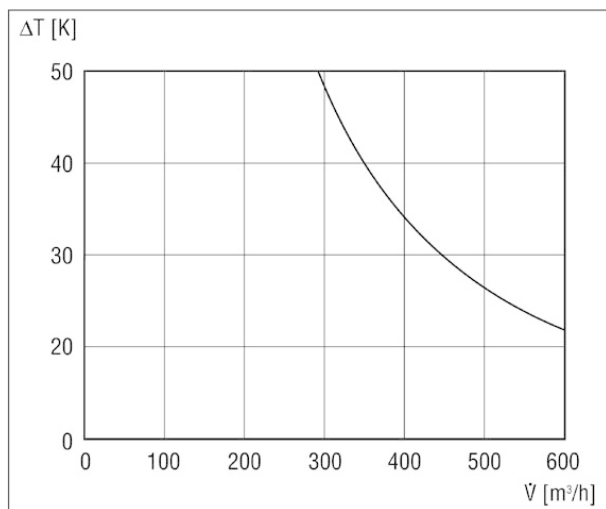


ECR 20

Characteristic curve



Characteristic curve



ECR 20

Dimensioned drawing [mm]

