

ECR 16 EC



Short description

Compact supply air device with integrated electrical air heater, EC motor, filter and controller, DN 160

Application examples

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

Article number 0080.0575

Technical data

Number of ventilation levels	3
Air flow volume	580 m ³ /h
Rotating speed	3.650 1/min
Speed controllable	–
Rated voltage	230 V
Frequency	50 Hz
Nominal output	3.124 W
I _{nom}	0,9 A
I _{nom fan}	0,9 A
I _{max}	0,9 A
I _{Max total}	13,9 A
Degree of protection for motor	IP 33
Insulation class	F
Pole-changeable	–
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Colour	Silver
Weight	28,76 kg
Weight including packaging	30,62 kg
Filter class	ISO ePM10 ≥ 50 % (M5)
Nominal size	160 mm
Width	403 mm
Height	346 mm
Depth	786 mm
Width with packaging	500 mm
Height with packaging	380 mm
Depth with packaging	820 mm
Heater power rating	3.000 W
Packing unit	1 piece

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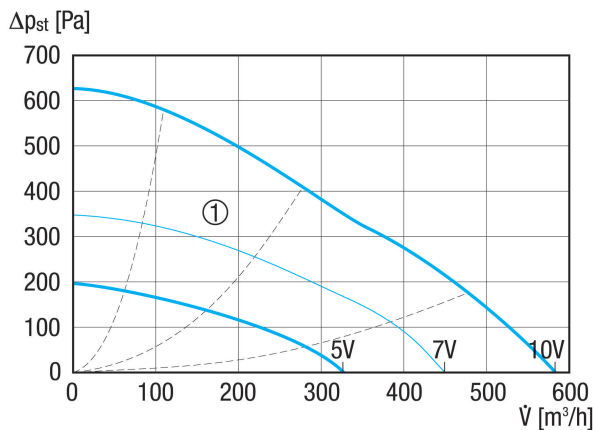
Range	E
GTIN (EAN)	4012799805755

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, low} (dB(A))	38	52	53	49	44	45	40	35	57
L_{WA2, medium} (dB(A))	37	48	48	48	42	43	38	32	54
L_{WA2, high} (dB(A))	36	47	50	52	46	46	39	33	56
L_{WA5, low} (dB(A))	40	62	62	59	62	60	55	51	68
L_{WA5, medium} (dB(A))	38	59	56	56	60	57	53	51	65
L_{WA5, high} (dB(A))	36	56	58	60	63	60	55	52	68
L_{WA6, low} (dB(A))	39	58	61	61	66	66	62	55	71
L_{WA6, medium} (dB(A))	38	54	56	59	63	64	60	54	69
L_{WA6, high} (dB(A))	42	52	57	66	66	66	63	58	72

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



① Auxiliary characteristics curves for control voltage 5 V, 7 V and 10 V

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Dimensioned drawing [mm]

