

ECR 20-2 EC



Short description

Compact supply air unit with integrated electric air heater, EC motor, filter and controller, DN 200

Application examples

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

Article number 0080.0776

Technical data

Air flow volume	620 m ³ /h
Rotating speed	3.360 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz
Nominal output	4.622 W
I _{max}	7,4 A
Degree of protection for motor	IP 33
Pole-changeable	–
Installation site	Wall / ceiling
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Colour	Silver
Weight	24,2 kg
Weight including packaging	24,6 kg
Filter class	ISO ePM10 ≥ 50 % (M5)
Nominal size	200 mm
Width	478 mm
Height	346 mm
Depth	760 mm
Width with packaging	483 mm
Height with packaging	356 mm
Depth with packaging	810 mm
Heater power rating	4.500 W
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799807766

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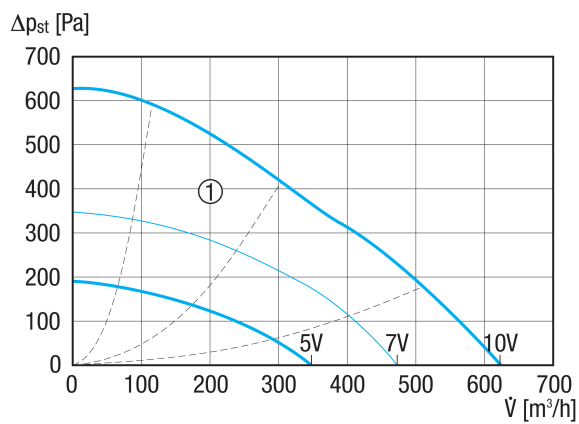
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S1 (dB)	39	53	54	46	45	44	40	37	57
L_{WA2}, S2 (dB)	39	52	52	45	44	43	40	37	56
L_{WA2}, S3 (dB)	37	50	48	43	42	41	37	35	53
L_{WA2}, S4 (dB)	38	48	49	48	46	43	37	31	54
L_{WA2}, S5 (dB)	38	48	51	51	48	45	39	35	56
L_{WA5}, S1 (dB)	41	62	65	62	63	60	56	53	70
L_{WA5}, S2 (dB)	40	61	63	60	62	59	55	53	69
L_{WA5}, S3 (dB)	39	58	60	58	60	57	54	53	66
L_{WA5}, S4 (dB)	39	57	60	61	62	59	55	53	68
L_{WA5}, S5 (dB)	38	56	62	63	64	62	58	56	70
L_{WA6}, S1 (dB)	38	58	63	63	66	67	63	56	72
L_{WA6}, S2 (dB)	38	56	61	62	65	66	62	55	71
L_{WA6}, S3 (dB)	36	53	57	61	63	64	60	55	69
L_{WA6}, S4 (dB)	36	50	57	64	64	65	62	56	70
L_{WA6}, S5 (dB)	36	51	59	66	66	67	64	59	73

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.

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Characteristic curve



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

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Dimensioned drawing [mm]

