

ECR 12-2 EC



Short description

Compact supply air unit with integrated electric air heater, EC motor, filter and controller, DN 125

Application examples

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

Article number 0080.0774

Technical data

Air flow volume	500 m ³ /h
Rotating speed	3.380 1/min
Speed controllable	✓
Rated voltage	230 V
Frequency	50 Hz
Nominal output	3.124 W
I _{max}	13,9 A
Degree of protection	IP 33
Degree of protection for motor	IP 33
Insulation class	F
Pole-changeable	–
Installation site	Wall / ceiling
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Colour	Silver
Weight	25,1 kg
Weight including packaging	25,5 kg
Filter class	ISO ePM10 ≥ 50 % (M5)
Nominal size	125 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
Airstream temperature at I _{Max}	40 °C
Heater power rating	3.000 W
Packing unit	1 piece
Range	E

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GTIN (EAN)	4012799807742
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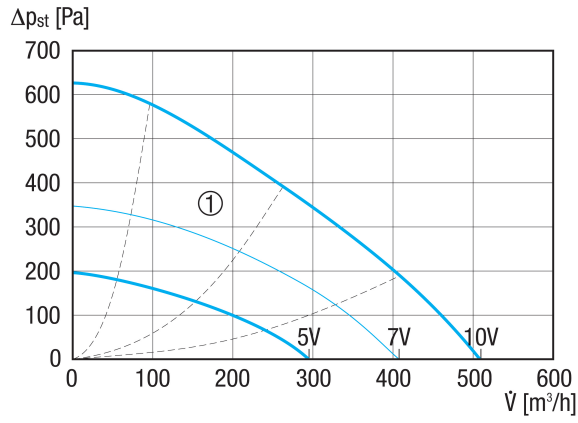
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S1 (dB)	40	57	53	50	46	46	42	35	59
L_{WA2}, S2 (dB)	40	56	52	50	46	46	41	35	59
L_{WA2}, S3 (dB)	39	54	50	48	44	44	40	33	57
L_{WA2}, S4 (dB)	42	51	47	50	42	42	35	30	55
L_{WA2}, S5 (dB)	43	52	48	50	44	43	36	29	56
L_{WA5}, S1 (dB)	38	58	58	56	58	58	52	49	65
L_{WA5}, S2 (dB)	38	58	57	56	58	58	52	50	65
L_{WA5}, S3 (dB)	35	55	54	53	56	55	50	49	62
L_{WA5}, S4 (dB)	40	55	52	54	56	55	51	51	62
L_{WA5}, S5 (dB)	42	56	55	56	57	56	51	49	64
L_{WA6}, S1 (dB)	38	58	59	57	62	63	59	52	68
L_{WA6}, S2 (dB)	38	57	57	57	62	63	59	53	68
L_{WA6}, S3 (dB)	37	56	55	55	60	62	58	52	66
L_{WA6}, S4 (dB)	38	52	52	60	59	60	57	52	66
L_{WA6}, S5 (dB)	40	52	53	62	60	61	58	52	67

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]

