

KFD 9040-K



Short description

Sound-insulated Flatbox for supply air with diagonal fan, shutter, air filter, water-air heater and cooling register, channel size 900 mm x 400 mm

Article number 0080.0969

Technical data

Air flow volume	4.640 m³/h
Rotating speed	2.730 1/min
Air direction	Ventilation
Speed controllable	✓
Cooling register design	Cold water register
Rated voltage	230 V
Nominal output	1.040 W
I _{max}	6,3 A
Degree of protection	IP 43
Operator unit degree of protection	IP 00
Weight	140 kg
Filter class	F5
Channel dimension	900 mm x 400 mm
Airstream temperature at nominal current	55 °C
Airstream temperature at I _{Max}	55 °C
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799809692

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, high} (dB(A))	–	62	57	56	56	54	50	38	65
L _{WA5, high} (dB(A))	–	65	65	73	73	69	62	47	78
L _{WA6, high} (dB(A))	–	69	75	81	84	81	75	67	88

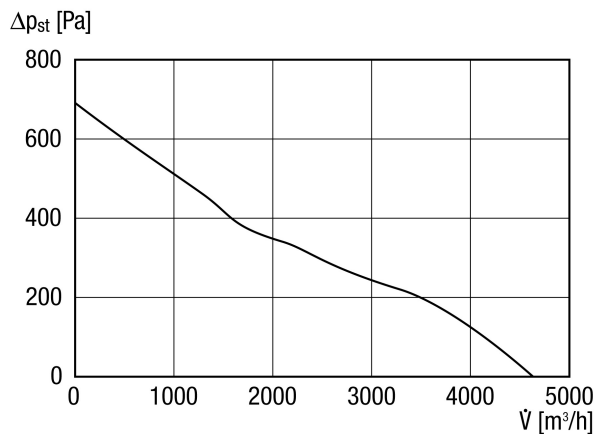
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L_{WA2} = housing sound power level in dB.

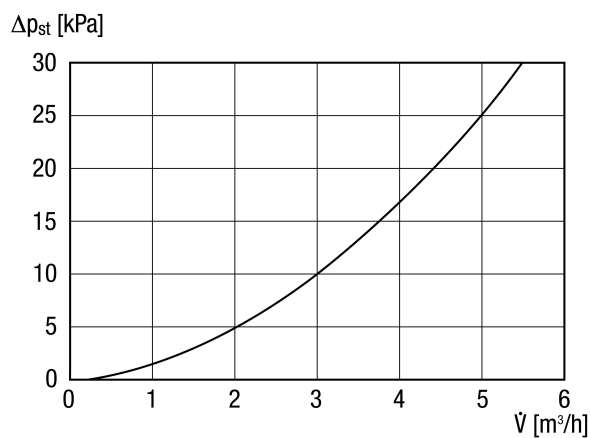
L_{WA5} = free inlet sound power level in dB.

L_{WA6} = free outlet sound power level in dB.

Characteristic curve

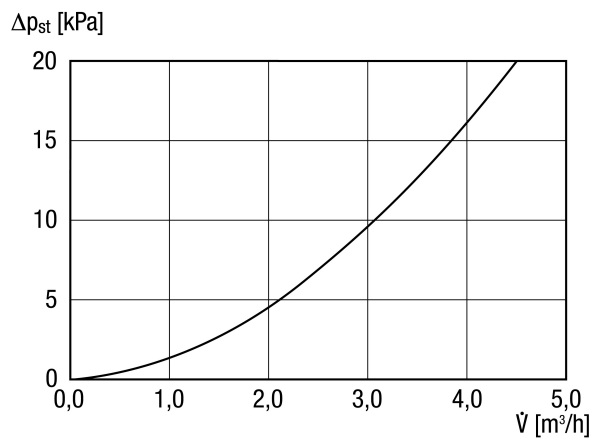


Characteristic curve Water pressure losses in the heat register



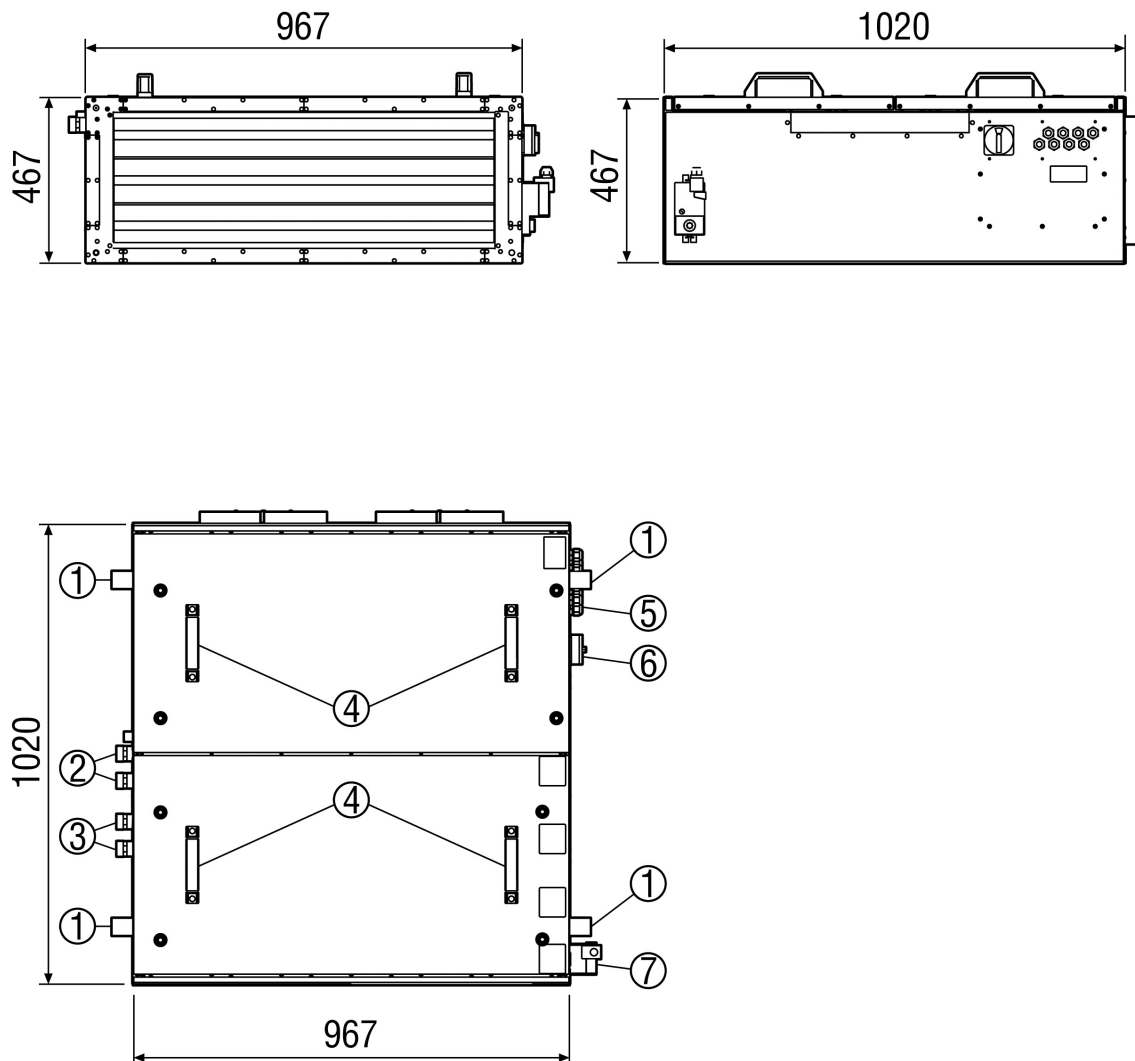
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Characteristic curve Cooling register water pressure losses



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Dimensioned drawing [mm]



- ① Mounting bracket (variable position)
- ② Warm water connection for water-air heater 3/4" AG (connection also possible on opposite side)
- ③ Cooling register connection
- ④ Mounting handle
- ⑤ Electrical connections
- ⑥ Terminal box for fan
- ⑦ Servomotor shutter