

KFD 9040



Short description

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

Article number 0080.0965

Technical data

Air flow volume	5.490 m³/h
Rotating speed	2.730 1/min
Air direction	Ventilation
Speed controllable	✓
Rated voltage	230 V
Nominal output	1.090 W
I _{max}	6,5 A
Degree of protection	IP 43
Operator unit degree of protection	IP 00
Weight	95 kg
Weight including packaging	95,48 kg
Filter class	F5
Channel dimension	900 mm x 400 mm
Width with packaging	1.042 mm
Height with packaging	472 mm
Depth with packaging	812 mm
Airstream temperature at nominal current	55 °C
Airstream temperature at I _{Max}	55 °C
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799809654

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))	–	56	58	54	56	53	51	41	63
L _{WA5, high} (dB(A))	–	60	66	73	73	70	64	52	78

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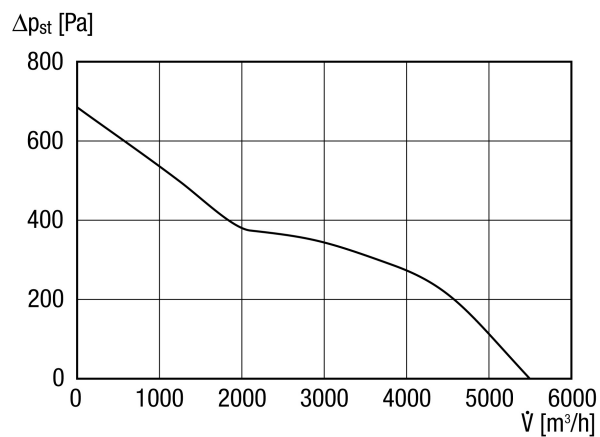
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA6, \text{ high}}$ (dB(A))	–	65	76	80	83	80	74	66	86

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

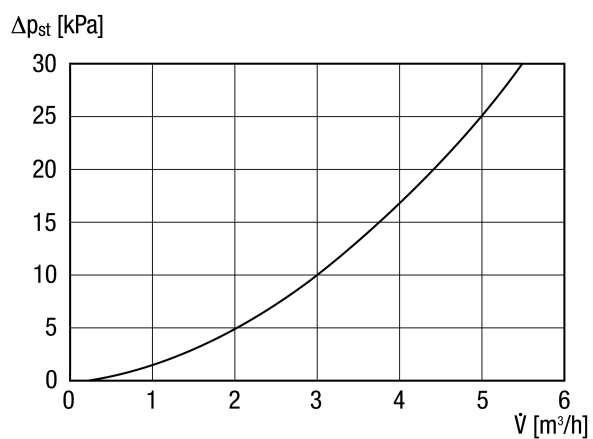
L_{WA5} = free inlet sound power level in dB.

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

Characteristic curve

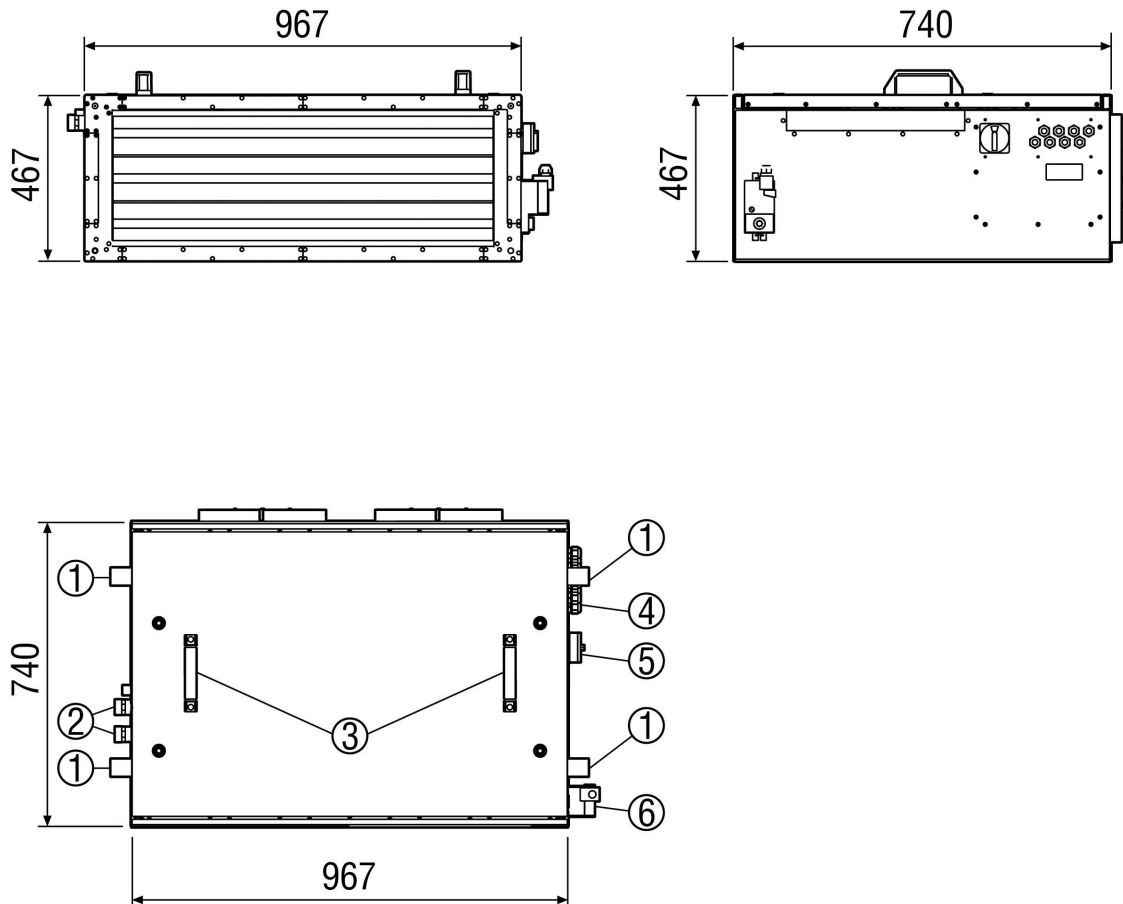


Characteristic curve Water pressure losses in the heat register



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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 Mounting handle
- ④ Electrical connections
- ⑤ Terminal box for fan
- ⑥ Servomotor shutter