

# KFD 9040-F



## Short description

Sound-insulated Flatbox for supply air with diagonal fan, shutter, F5 air filter, F7 air filter and water/air heater, channel size 900 mm x 400 mm

Article number 0080.0890

## Technical data

Air flow volume	4.500 m <sup>3</sup> /h
Rotating speed	2.730 1/min
Air direction	Ventilation
Speed controllable	✓
Rated voltage	230 V
Nominal output	1.100 W
I <sub>max</sub>	6,1 A
Degree of protection	IP 43
Operator unit degree of protection	IP 00
Weight	115,5 kg
Weight including packaging	134 kg
Filter class	F5/F7
Channel dimension	900 mm x 400 mm
Width with packaging	1.200 mm
Height with packaging	740 mm
Depth with packaging	1.200 mm
Airstream temperature at I <sub>Max</sub>	55 °C
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799808909

## Sound power level in octave range

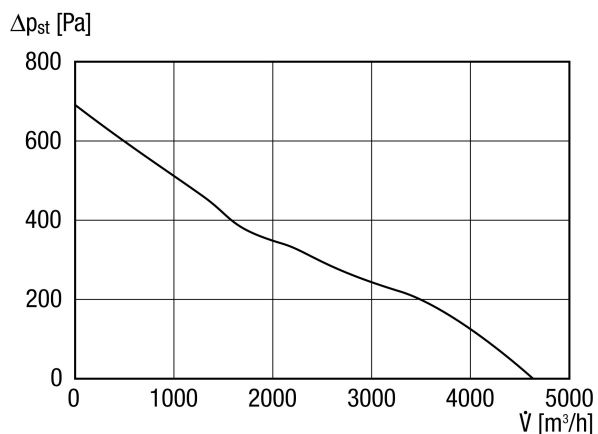
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L <sub>WA2, high</sub> (dB(A))	–	62	57	56	56	54	50	38	65
L <sub>WA5, high</sub> (dB(A))	–	65	65	73	73	69	62	47	78

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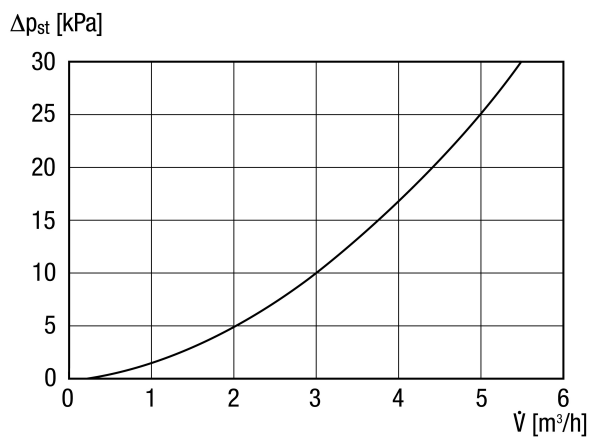
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA6, high}$ (dB(A))	–	69	75	81	84	81	75	67	88

$L_{WA2}$  = 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

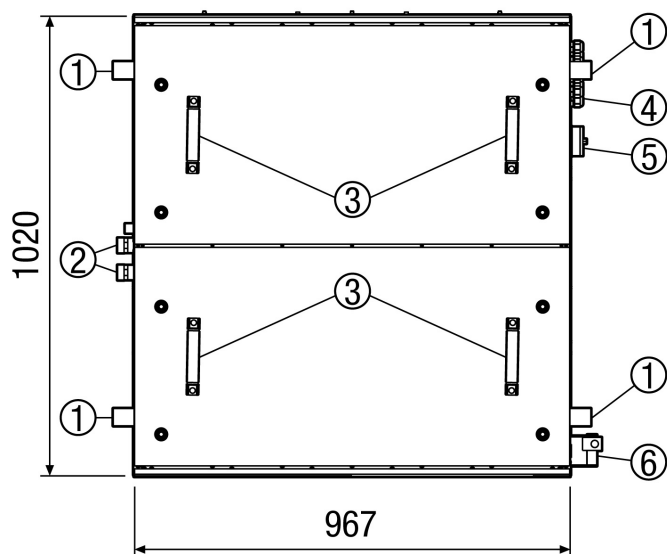
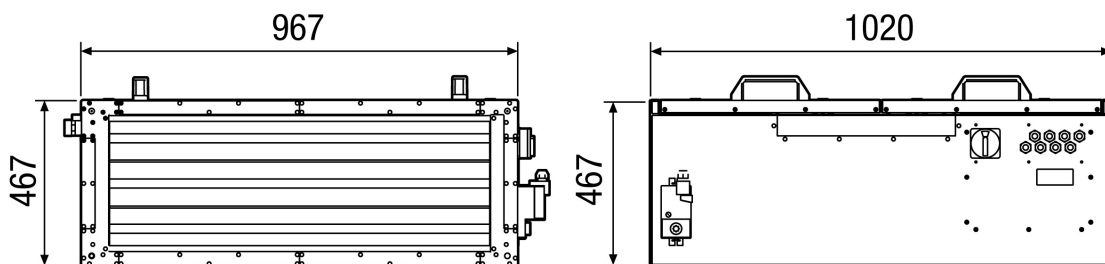


## Characteristic curve Water pressure losses in the heat register



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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