

# KFR 9030-F



## Short description

Sound-insulated Flatbox for supply air with centrifugal fan, shutter, F5 air filter, F7 air filter and water/air heater, channel size 900 mm x 300 mm

Article number 0080.0881

## Technical data

Air flow volume	3.500 m³/h (Required Delta p <sub>fs</sub> min = 300 Pa)
Rotating speed	2.700 1/min
Air direction	Ventilation
Speed controllable	✓
Rated voltage	230 V
Nominal output	1.480 W
I <sub>max</sub>	7,7 A
Degree of protection	IP 43
Operator unit degree of protection	IP 00
Weight	96,7 kg
Weight including packaging	116 kg
Filter class	F5/F7
Channel dimension	900 mm x 300 mm
Width with packaging	1.200 mm
Height with packaging	820 mm
Depth with packaging	1.200 mm
Airstream temperature at I <sub>Max</sub>	45 °C
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799808817

## 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))	–	51	53	44	45	45	45	41	57
L <sub>WA5, high</sub> (dB(A))	–	58	64	68	67	68	62	51	74

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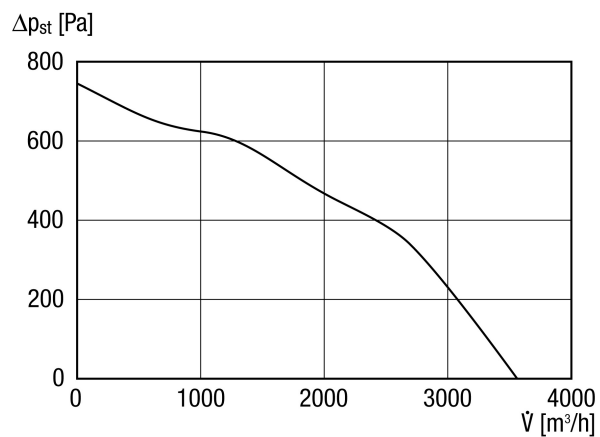
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA6, \text{ high}}$ (dB(A))	–	61	67	66	57	55	62	64	72

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

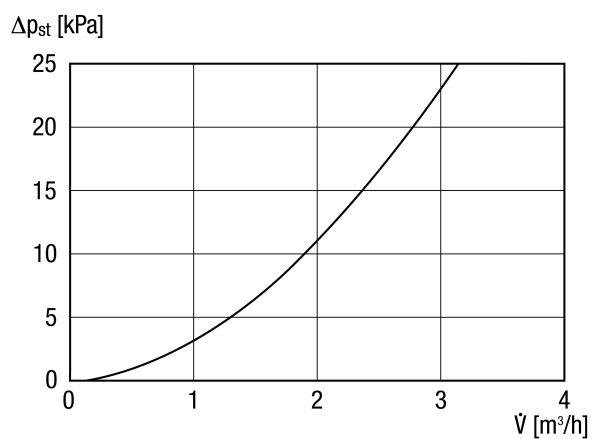
$L_{WA5}$ = free inlet sound power level in dB.

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

## Characteristic curve

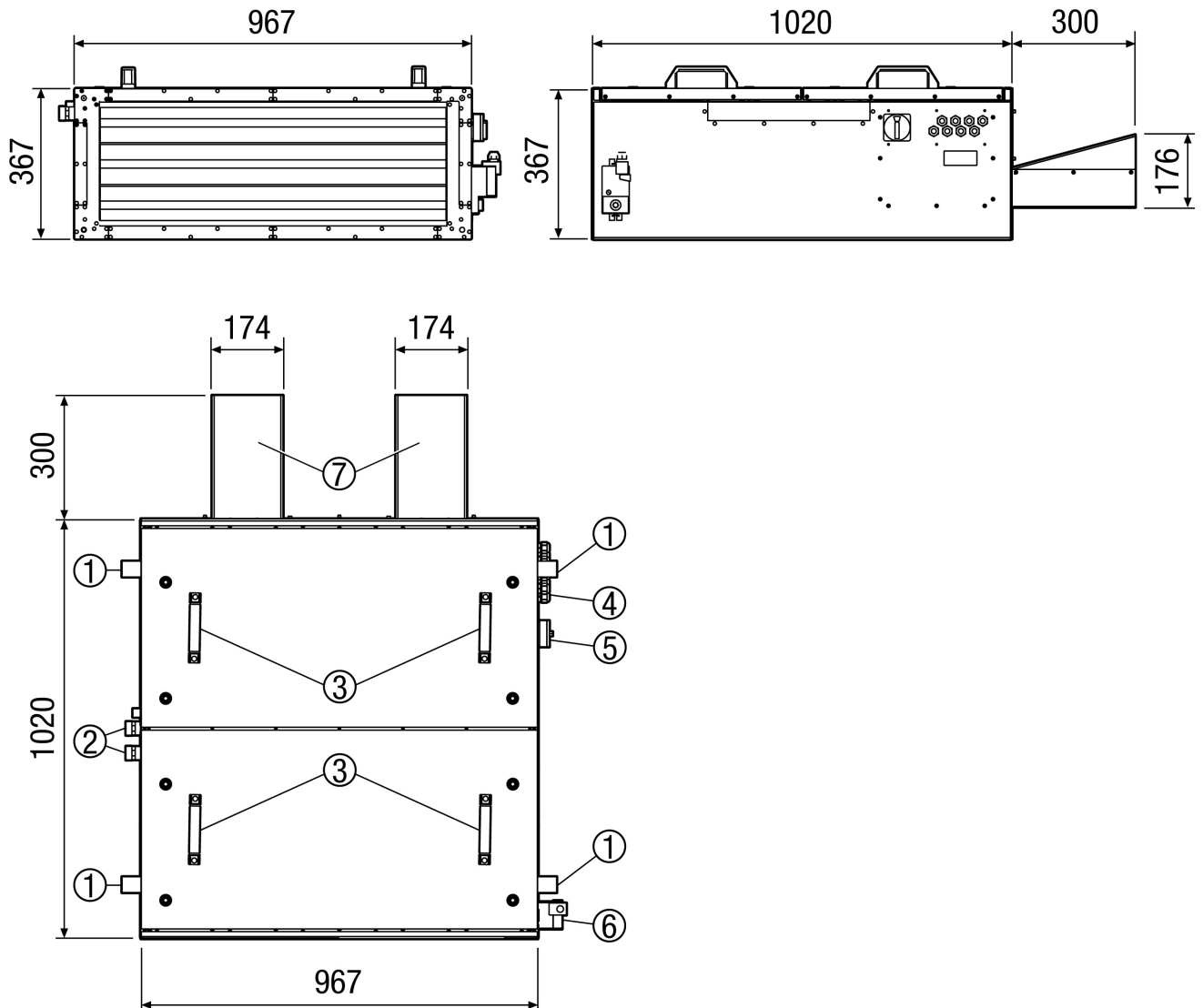


## Characteristic curve Water pressure losses in the heat register



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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
- ⑦ Diffuser