

KFR 6030



Short description

Sound-insulated Flatbox for supply air with centrifugal fan, shutter, air filter and water-air heater, channel size 600 mm x 300 mm

Application examples

Commercial premises, Workplace, Showroom, Production facility, Industrial building

Article number 0080.0961

Technical data

Air flow volume	2.910 m³/h (Required Delta p _{fs} min = 300 Pa)
Rotating speed	2.510 1/min
Air direction	Ventilation
Speed controllable	✓
Rated voltage	230 V
Frequency	50 Hz
Nominal output	1.270 W
I _{max}	5,9 A
Degree of protection	IP 43
Operator unit degree of protection	IP 00
Installation site	Channel
Housing material	Sheet steel, galvanised
Weight	62,5 kg
Weight including packaging	63,7 kg
Filter class	F5
Channel dimension	600 mm x 300 mm
Width	530 mm
Height	367 mm
Depth	667 mm
Width with packaging	1.080 mm
Height with packaging	377 mm
Depth with packaging	740 mm
Airstream temperature at nominal current	60 °C
Airstream temperature at I _{Max}	60 °C
Packing unit	1 piece
Range	K
GTIN (EAN)	4012799809616

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Sound power level in octave range

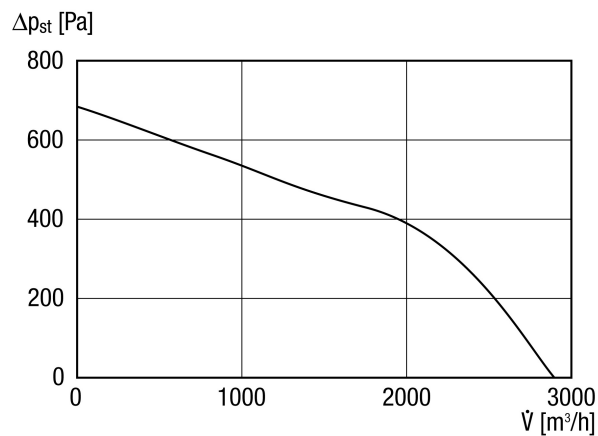
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA2, \text{ high}}$ (dB(A))	–	55	52	46	44	48	50	46	59
$L_{WA5, \text{ high}}$ (dB(A))	–	59	62	65	67	68	64	56	73
$L_{WA6, \text{ high}}$ (dB(A))	–	62	65	64	55	54	60	63	70

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

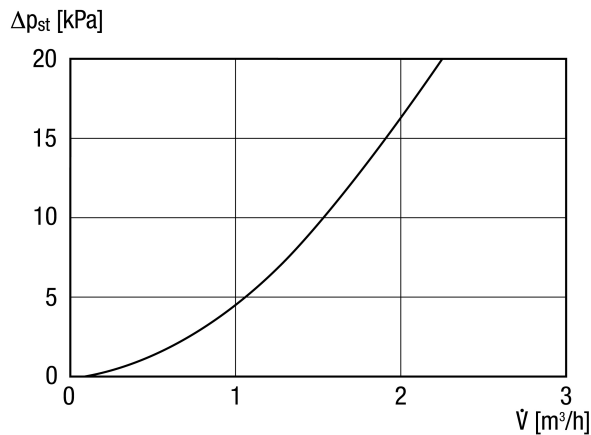
L_{WA5} = free inlet sound power level in dB.

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

Characteristic curve

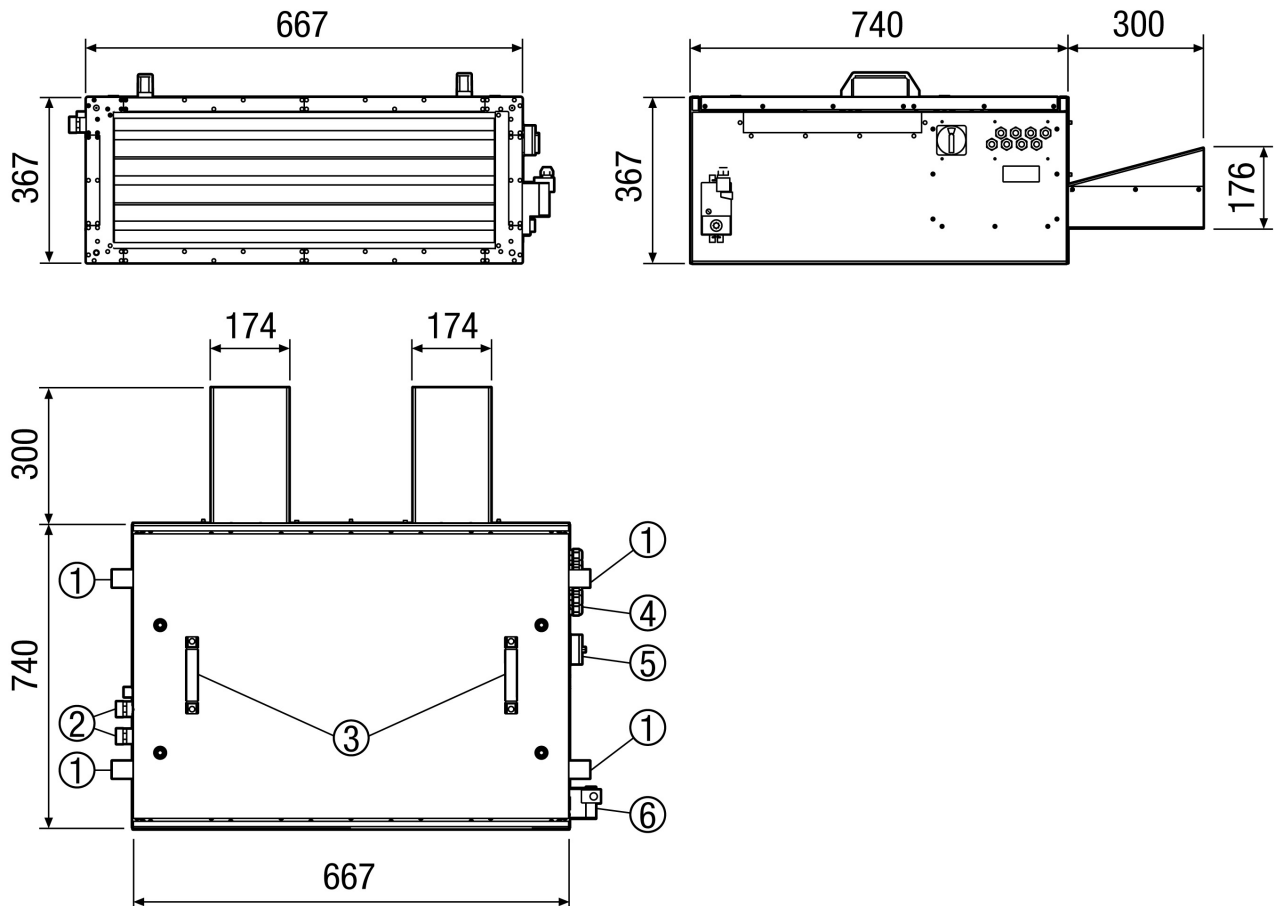


Characteristic curve Water pressure losses in the heat register



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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