

MUB 062 630EC Coarse 65%

with integrated filter Coarse 65% (G4)

Item Number: [88767](#)

Variant: 400V 3~ 50Hz

With built-in panel-filter, class Coarse 65% (G4)

Revision-panel at side

100% speed-controllable

Integrated electronic motor protection

Low sound level

Installation in any mounting position

Maintenance-free and reliable

Energy-saving

The MUB-EC fans are driven by EC-external rotor motors. These are energy saving motors with high efficiency. The power electronics are integrated in the motor housing. All models have one potential-free terminal for error message. All motors are suitable to be used for 50/60Hz. The input voltage for single phase units can vary between 200 and 277V, for three phase units between 380 and 480V. Speed control by a 0-10V signal. From size 450 the motor has an output voltage of 10V and 20V for an external potentiometer.

All models are equipped with impellers with backward curved blades, manufactured from aluminium. The casing consists of an aluminium frame with fibreglass reinforced plastic corners of PA6; highly shock-resistant. The double skin panels are manufactured from galvanized steel with 20 mm mineralwool insulation. To avoid condensation the profile is provided with a separate chamber to fix the screws. The panels are removable, any outlet side can be chosen, allowing flexible ventilation solutions.

The unit is equipped with a panel-filter, filter-class Coarse 65% (G4) and a revision-panel for replacement of the filter. The maximal airvolume is limited by the filter at maximum of 1800 l/s.

Installation in any mounting position is possible.



Technical parameters

Unit		
Frequency	50	Hz
Voltage (Nominal)	400	V
Phase(s)	3~	
Enclosure class	IP55	
Speed regulation	None	
Air flow	0 to 1.8056	m³/s
Product type	Supply unit	

Supply fan

Voltage	400	V
Phase(s)	3~	
Current	4.03	A
Input power (P1), supply fan	2,750	W
Impeller speed	1,656	r.p.m.
Max. Temperature of transported air, when speed controlled	55	°C
Insulation class	F	

Supply air filter

Filter class, supply air	G4
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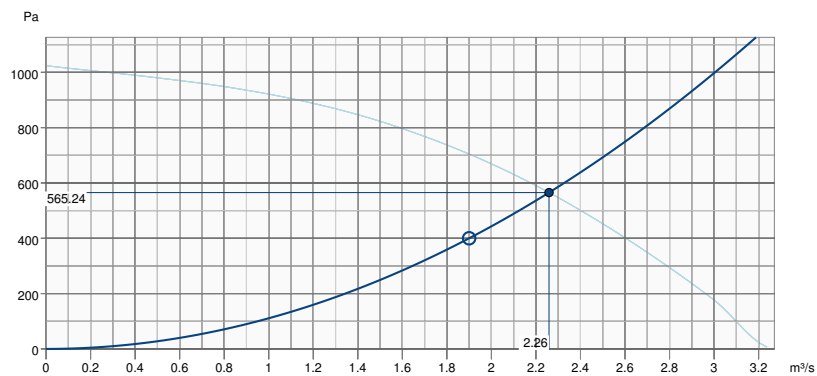
Dimensions and weights

Weight	91.3	kg
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Sound data

Sound pressure level at 3m (20m ² Sabin)	67	dB(A)
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Performance curve

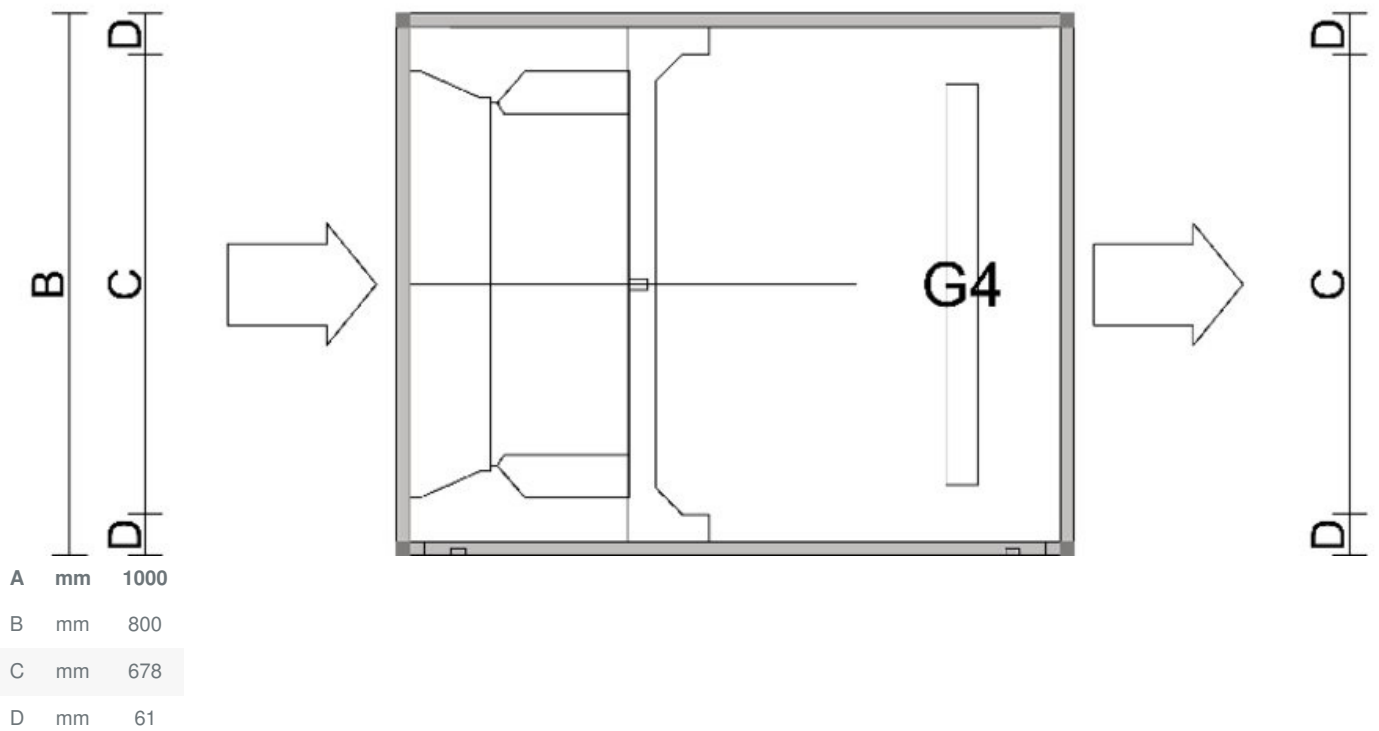
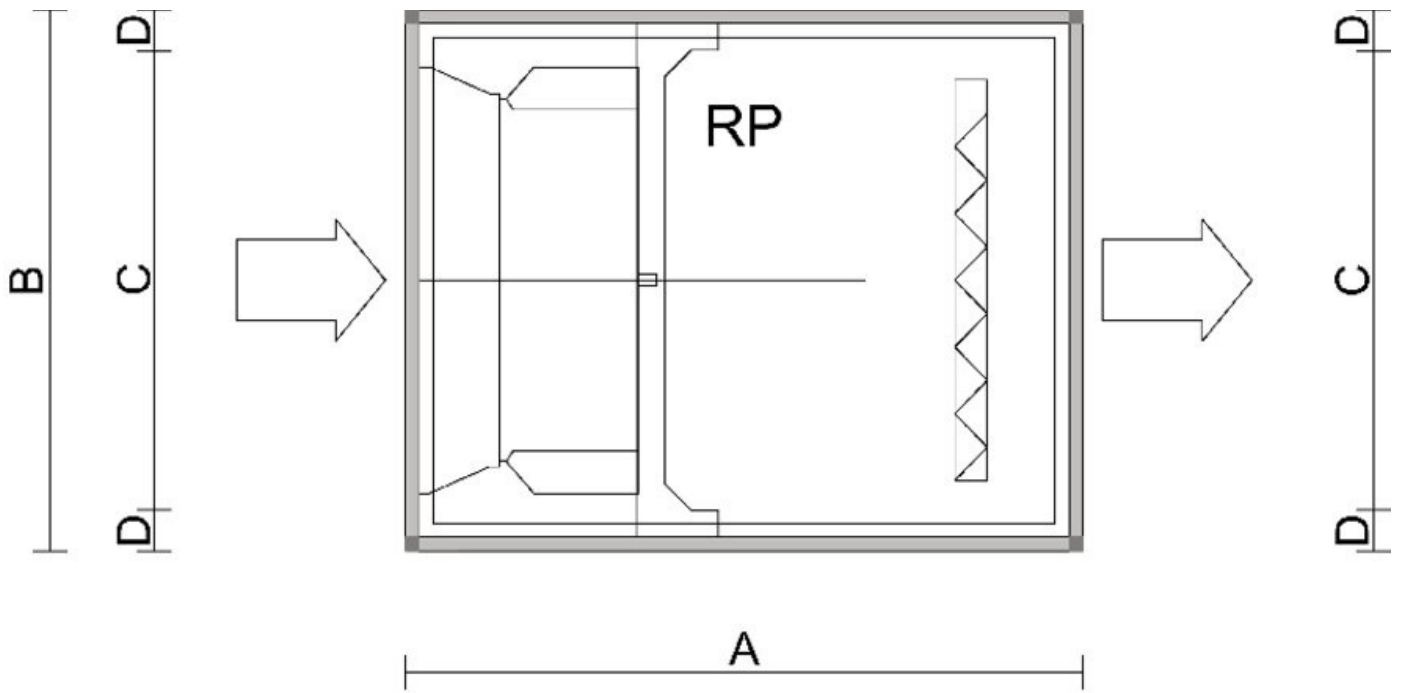


Hydraulic data

Required air flow	1.90 m³/s
Required static pressure	400 Pa
Working air flow	2.26 m³/s
Working static pressure	565 Pa
Air density	1.204 kg/m³
Power	3004.0 W
Fan control - RPM	1645 rpm
Current	4.40 A
SFP	1.330 kW/m³/s
Control voltage	10.0 V
Supply voltage	400 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	52	72	71	73	76	73	70	65	81
Outlet	dB(A)	54	73	73	75	77	74	71	66	82

Dimension



A	mm	1000
B	mm	800
C	mm	678
D	mm	61