

# BOX RLF 500 T4 1,5kW

## Series general data BOX RLF



### MANUFACTURING FEATURES

- Box manufactured in galvanised steel sheet. Soundproof cabinets with Flexiroll Pol Na 30 Anthracite grey M1 fire resistance insulated panels.
- Circular inlet flange.
- Backward impeller, direct coupling motor.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation type F400 2h.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 3kW, and 400/690V 50Hz for higher powers.
- Exchangeable panels.

### APPLICATIONS

Designed for inline installation, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: 60°C.

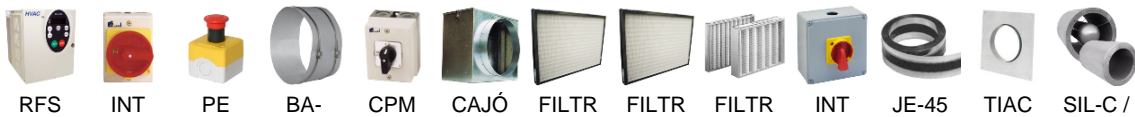
### UNDER REQUEST

- Double skin insulation.

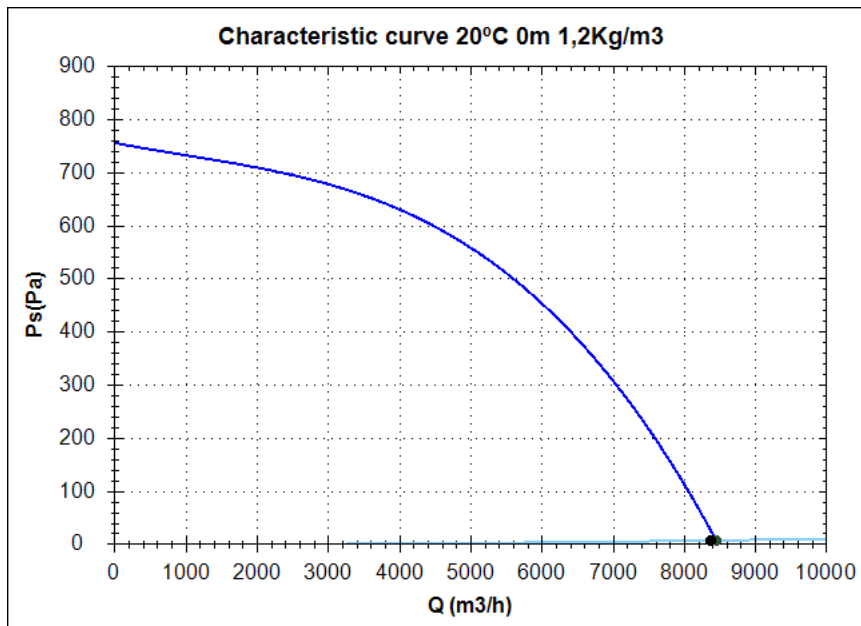
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005  
Certification Nr: 0370-CPD-0582

\* You can find the certificate in the menu: " company/technical data/400°C/2h CE".

## Series accessories BOX RLF



## Characteristic curve



### Design point

Q (m <sup>3</sup> /h)	8368,96
Ps(Pa)	7,7

### Service point

Impeller rpm	1440
Max. temp.(°C)	60
Q (m <sup>3</sup> /h)	8446,27
Ps(Pa)	7,84
Pd(Pa)	87,02
Pt(Pa)	94,86
Air speed(m/s)	12,05
SWL dB(A)	86 (INLET)
SPL dB(A)	71 (INLET)
Distance(m)	1,5

## Technical data

Impeller rpm	1440
Motor rpm	1440
Approx. weight(kg)	
Maximum flow rate(m <sup>3</sup> /h)	8475

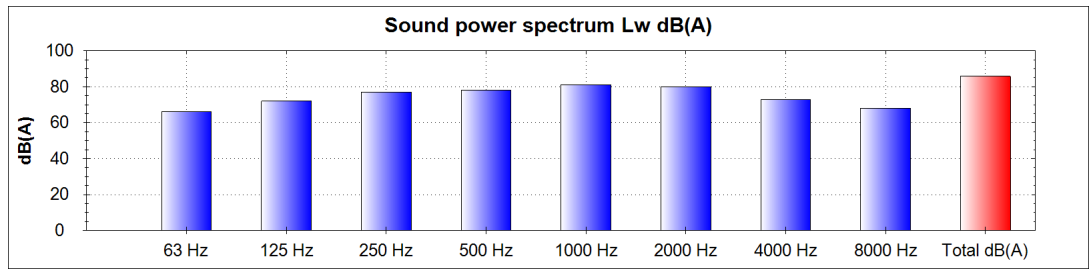
Power(kW)	1,5
Imax 230V(A)	5,88
Imax 400V(A)	3,4
Imax 690V(A)	-

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## Acoustics to the service point (INLET)

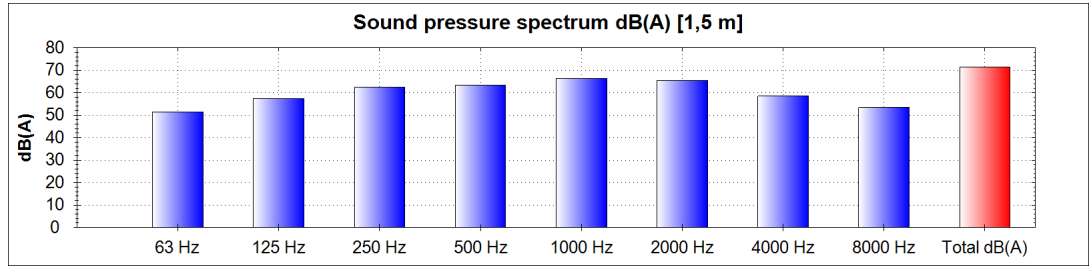
### Power dB(A)

63 Hz	66
125 Hz	72
250 Hz	77
500 Hz	78
1000 Hz	81
2000 Hz	80
4000 Hz	73
8000 Hz	68
Total dB(A)	86

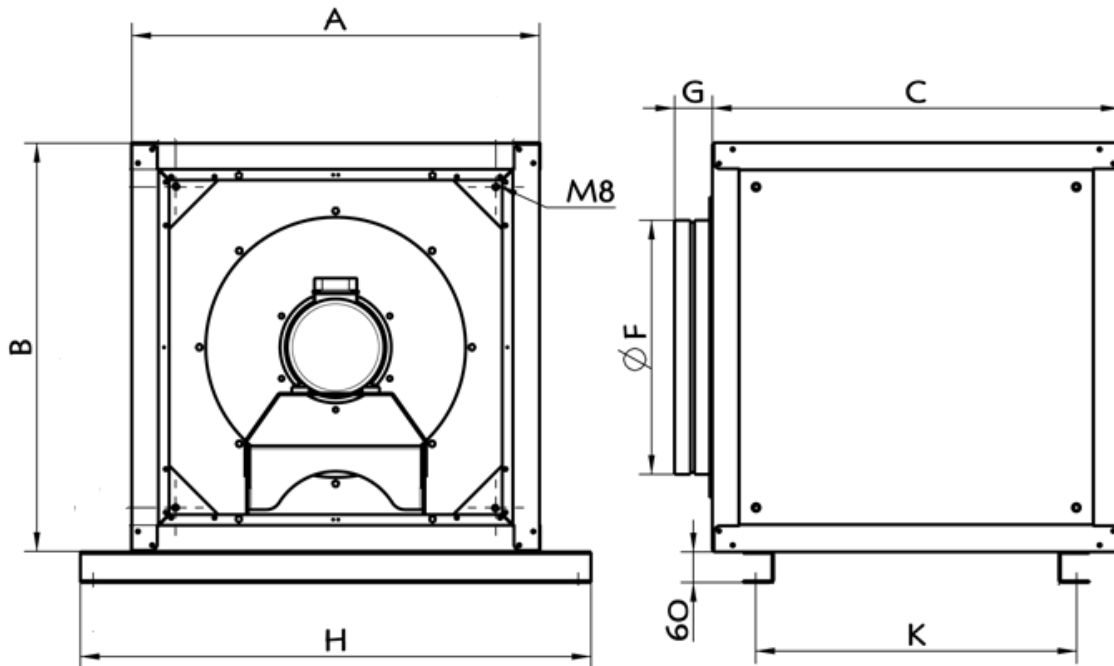


### Pressure dB(A) [1,5 m]

63 Hz	51
125 Hz	57
250 Hz	62
500 Hz	63
1000 Hz	66
2000 Hz	65
4000 Hz	58
8000 Hz	53
Total dB(A)	71



## dimensions diagram



### Dimensions (mm)

A=925	B=925	C=925	G=74	H=1127	K=753	ØF=498
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## Wiring diagram

