

# Box-I EC 50x30-1 max

Centrifugal fans in sound-insulated casing with EC motor

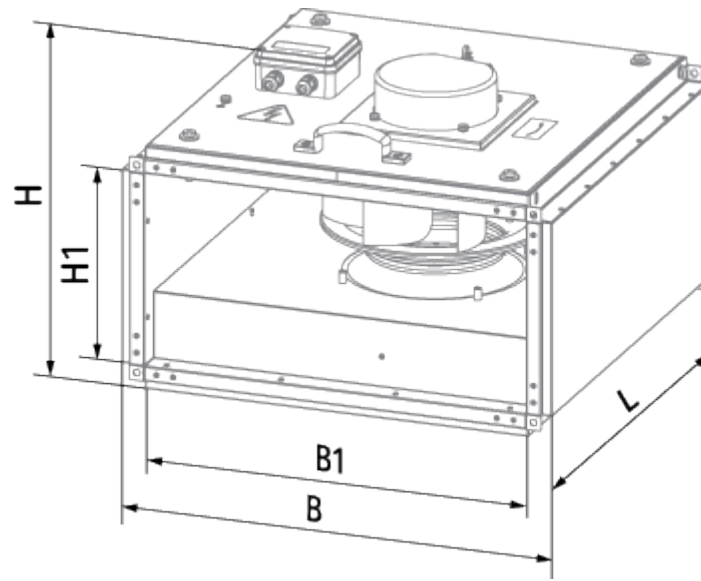


- Maximum airflow: 2700
- Sound pressure level LpA at 3 m: 43
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	Box-I EC 50x30-1 max
Connected air duct size	mm	500x300
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	553
Unit current	A	4.2
Maximum airflow	m <sup>3</sup> /h	2700
Sound pressure level LpA at 3 m	dB(A)	43
Weight	kg	29
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54

## Dimensions

B	B1	H	H1	L
564	500	424	300	560




## Ecodesign

Trademark	Blauberg
Model	Box-I EC 50x30-1 max
Type of ventilation unit	Unidirectional
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m <sup>3</sup> /s)	0.536
Nominal external pressure (Pa)	533
Maximum external leakage rates (%)	2.7
Static efficiency (%)	77.3
Declared typology	NRVU UVU
Sound power level (dB(A))	63
Effective electric power input (kW)	0.42

## Accessories

### EC motors regulators

Name	Photo	Description
<a href="#">CDT E/0-10</a>		Speed control for EC motors